



# BNP PARIBAS

**BNP Paribas Issuance B.V.**  
*(incorporated in The Netherlands)*  
*(as Issuer)*

**BNP Paribas**  
*(incorporated in France)*  
*(as Issuer and Guarantor)*

## **Base Prospectus for the issue of Certificates**

<b>BASE PROSPECTUS FOR THE ISSUE OF CERTIFICATES DATED 1 JUNE 2022 .....</b>	<b>p.2</b>
<b>FIRST SUPPLEMENT DATED 11 AUGUST 2022 .....</b>	<b>p.1467</b>
<b>SECOND SUPPLEMENT DATED 16 SEPTEMBER 2022 .....</b>	<b>p.1493</b>
<b>THIRD SUPPLEMENT DATED 17 NOVEMBER 2022 .....</b>	<b>p.1502</b>
<b>FOURTH SUPPLEMENT DATED 22 FEBRUARY 2023 .....</b>	<b>p.1529</b>
<b>FIFTH SUPPLEMENT DATED 11 APRIL 2023 .....</b>	<b>p.1721</b>
<b>SIXTH SUPPLEMENT DATED 25 MAY 2023 .....</b>	<b>p.1742</b>



**BNP PARIBAS**

**BNP Paribas Issuance B.V.**

*(incorporated in The Netherlands)*

*(as Issuer)*

**BNP Paribas**

*(incorporated in France)*

*(as Issuer and Guarantor)*

**Base Prospectus for the issue of Certificates**

This document (the "**Base Prospectus**") constitutes a base prospectus in respect of Certificates issued under the Note, Warrant and Certificate Programme of BNP Paribas Issuance B.V. ("**BNPP B.V.**"), BNP Paribas ("**BNPP**") and BNP Paribas Fortis Funding ("**BP2F**") (the "**Programme**"). Any Securities (as defined below) issued on or after the date of this Base Prospectus are issued subject to the provisions herein. This does not affect any Securities issued before the date of this Base Prospectus.

This Base Prospectus constitutes a base prospectus for the purposes of Article 8 of the Prospectus Regulation. "**Prospectus Regulation**" means Regulation (EU) 2017/1129 of 14 June 2017. This Base Prospectus received approval no. 22-189 on 1 June 2022 from the *Autorité des marchés financiers* (the "**AMF**") and will be valid for a period of one year following the date of its approval by the AMF. The obligation to supplement this Base Prospectus in the event of a significant new factor, material mistake or material inaccuracy does not apply when this Base Prospectus is no longer valid.

This Base Prospectus has been approved as a base prospectus by the AMF in France as competent authority under the Prospectus Regulation. The AMF only approves this Base Prospectus as meeting the standards of completeness, comprehensibility and consistency imposed by the Prospectus Regulation. Approval by the AMF should not be considered as an endorsement of the Issuers or the Guarantor or of the quality of the Securities. Investors should make their own assessment as to the suitability of investing in the Securities.

Upon such approval, application may be made for securities issued under the Programme during a period of 12 months from the date of this Base Prospectus to be listed and/or admitted to trading on Euronext Paris and/or a Regulated Market (as defined below) in another Member State of the European Economic Area (the "**EEA**"). Euronext Paris is a regulated market for the purposes of the Markets in Financial Instruments Directive 2014/65/EU (each such regulated market being a "**Regulated Market**"). Reference in this Base Prospectus to Securities being "listed" (and all related references) shall mean that such Securities have been listed and admitted to trading on Euronext Paris or, as the case may be, a Regulated Market (including the regulated market of the Luxembourg Stock Exchange (including the professional segment of the regulated market of the Luxembourg Stock Exchange)) or on such other or further stock exchange(s) as the relevant Issuer may decide. Each Issuer may also issue unlisted Securities. The applicable Final Terms (as defined below) will specify whether or not Securities are to be listed and admitted to trading and, if so, the relevant Regulated Market or other or further stock exchange(s).

The requirement to publish a prospectus under the Prospectus Regulation only applies to Securities which are to be admitted to trading on a regulated market in the EEA and/or offered to the public in the EEA other than in circumstances where an exemption is available under Article 1(4) and/or 3(2) of the Prospectus Regulation. The requirement to publish a prospectus under the Financial Services and Markets Act 2000 ("**FSMA**") only applies to Securities which are admitted to trading on a UK regulated market as defined in Regulation (EU) No 600/2014 on markets in financial instruments as it forms part of domestic law by virtue of the European

Union (Withdrawal) Act 2018 (the "**EUWA**") ("**UK MiFIR**") and/or offered to the public in the United Kingdom other than in circumstances where an exemption is available under section 86 of the FSMA.

The Issuers may issue Securities for which no prospectus is required to be published under (i) the Prospectus Regulation and/or (ii) Regulation (EU) 2017/1129 of 14 June 2017 as it forms part of domestic law by virtue of the EUWA (the "**UK Prospectus Regulation**"), as the case may be ("**Exempt Securities**") under this Base Prospectus. See "*Exempt Securities*" in the "*Overview of this Base Prospectus*" section below. The AMF has neither approved nor reviewed information contained in this Base Prospectus in connection with Exempt Securities.

Application has been made to the Luxembourg Stock Exchange in accordance with the Luxembourg Act dated 16 July 2019 on prospectuses for securities (*Loi relative aux prospectus pour valeurs mobilières*) (the "**Prospectus Act**") for Securities (including Exempt Securities) issued under the Programme to be admitted to the Official List and admitted to trading on the Euro MTF Market of the Luxembourg Stock Exchange (the "**Euro MTF**") (including the professional segment of the Euro MTF) during the twelve-month period from the date of this Base Prospectus. This Base Prospectus also constitutes a prospectus for the purpose of the Prospectus Act; however, the AMF has not verified that this is the case. The Euro MTF is not a regulated market for the purposes of Directive 2014/65/EU.

Under the terms of the Programme, each of BNPP B.V. and BNPP (the "**Issuers**" and each an "**Issuer**") may from time to time issue, *inter alia*, certificates ("**Certificates**" or "**Securities**") of any kind including, but not limited to, Securities relating to a specified index or a basket of indices, a specified share (including two or more shares which are attached to each other so that they trade as a single unit ("**Stapled Shares**")), global depositary receipt ("**GDR**") or American depositary receipt ("**ADR**") or a basket of shares (including Stapled Shares), ADRs and/or GDRs, a specified interest in an exchange traded fund, an exchange traded note, an exchange traded commodity or other exchange traded product (each an "**exchange traded instrument**") or a basket of interests in exchange traded instruments, a specified debt instrument or a basket of debt instruments, a specified debt futures or debt options contract or a basket of debt futures or debt options contracts, a specified currency or a basket of currencies, a specified currency futures contract, a specified commodity (including EU emissions allowances ("**EU Allowances**")) or commodity index, or a basket of commodities (including EU Allowances) and/or commodity indices, a specified inflation index or a basket of inflation indices, a specified fund share or unit or fund index or basket of fund shares or units or fund indices, a euro fund insurance or investment policy or capitalisation contract, a specified futures contract or basket of futures contracts, a specified underlying interest rate or basket of underlying interest rates, or the credit of a specified entity or entities, an actively managed notional portfolio of shares, exchange traded instruments and/or BNPP indices ("**Actively Managed Securities**"), open end Certificates ("**Open End Certificates**") and open end turbo Certificates ("**OET Certificates**") and any other types of Securities including hybrid Securities whereby the underlying asset(s) may be any combination of such indices, shares, interests in exchange traded instruments, debt, currency, commodities, inflation indices, fund shares or units, fund indices, a euro fund insurance or investment policy or capitalisation contract, futures contracts, credit of specified entities, underlying interest rates, or other asset classes or types. Each issue of Securities will be issued on the terms set out herein which are relevant to such Securities under "*Terms and Conditions of the Securities*" (the "**Security Conditions**" or the "**Conditions**"). Notice of, *inter alia*, the specific designation of the Securities, the aggregate nominal amount or number and type of the Securities, the date of issue of the Securities, the issue price (if applicable), the underlying asset, index, fund, fund index, euro fund, reference entity or other item(s) to which the Securities relate, the redemption date, whether they are interest bearing, partly paid, redeemable in instalments, exercisable (on one or more exercise dates), the governing law of the Securities, whether the Securities are eligible for sale in the United States and certain other terms relating to the offering and sale of the Securities will be set out in a final terms document (the "**Final Terms**") which may be issued for more than one series of Securities and will be filed with the AMF. Copies of Final Terms in relation to Securities to be listed on Euronext Paris will also be published on the website of the AMF ([www.amf-france.org](http://www.amf-france.org)). References herein to the Final Terms may include, in the case of U.S. Securities (as defined below), (x) a supplement to the Base Prospectus under Article 23 of the Prospectus Regulation or (y) a prospectus. "**U.S. Securities**" means Securities that specify in the applicable Final Terms that such Securities are eligible for sale in the United States.

The specific terms of each Tranche of Exempt Securities will be set out in a final terms document for Exempt Securities (the "**Final Terms for Exempt Securities**"). In respect of Exempt Securities to be admitted to trading on the Euro MTF, the applicable Final Terms for Exempt Securities will be delivered to the Luxembourg Stock Exchange on or before the date of issue of the Exempt Securities of the relevant Tranche and published on the website of the Luxembourg Stock Exchange ([www.bourse.lu](http://www.bourse.lu)). Copies of Final Terms for Exempt Securities will be available from the specified office of the Principal Security Agent. Any reference in this Base Prospectus to "Final Terms", "relevant Final Terms" or "applicable Final Terms" will be deemed to include a reference to "Final Terms for Exempt Securities", "relevant Final Terms for Exempt Securities" or "applicable Final Terms for Exempt Securities" in relation to Exempt Securities, to the extent applicable. For the avoidance of doubt, the Final Terms for Exempt Securities does not constitute "final terms" as such term is used under the Prospectus Regulation.

Securities may be governed by English law ("**English Law Securities**") or French law ("**French Law Securities**"), as specified in the applicable Final Terms, and the corresponding provisions in the Conditions will apply to such Securities. Only English Law Securities will be U.S. Securities.

In certain circumstances, at the commencement of an offer period in respect of Securities, but prior to the issue date, certain specific information (specifically, the issue price, fixed rate of interest, minimum and/or maximum rate of interest or Premium Amount payable, the margin applied to the floating rate of interest payable, the gearing applied to the interest or final payout, the Gearing Up applied to the final payout, (in the case of Autocall Securities, Autocall One Touch Securities or Autocall Standard Securities) the FR Rate component of the final payout (which will be payable if certain conditions are met, as set out in the Payout Conditions), (in the case of Securities which include a Snowball Digital Coupon, Accrual Digital Coupon, Digital Coupon, SPS Variable Amount Coupon or SPS Fixed Coupon) the Rate component of the coupon rate, the value of the barrier component of the final payout or coupon rate, the Floor Percentage component of the final payout or coupon rate, the AER Exit Rate used if an Automatic Early Redemption Event occurs, the Bonus Coupon component of the final payout (in the case of Vanilla Digital Securities), the Up Cap Percentage component of the final payout (in the case of Certi-Plus: Generic Securities, Certi-Plus: Generic Knock-in Securities and Certi-Plus: Generic Knock-out Securities), any constant percentage (being any of Constant Percentage, Constant Percentage 1, Constant Percentage 2, Constant Percentage 3 or Constant Percentage 4) component of the final payout or coupon rate (which will be payable if certain conditions are met, as set out in the Payout Conditions), the Floor Percentage component of the final payout or coupon rate and/or the Knock-in Level and/or Knock-out Level (used to ascertain whether a Knock-in Event or Knock-out Event, as applicable, has occurred)) may not be known. In these circumstances, the Final Terms will specify a minimum and/or maximum price, rate, level or percentage, as applicable, or an indicative range in respect of the issue price, relevant prices, rates, levels or percentages and the actual price, rate, level or percentage, as applicable, will be notified to investors prior to the Issue Date. Accordingly, in these circumstances investors will be required to make their decision to invest in the relevant Securities based on the minimum and/or maximum price, rate, level or percentage, as applicable, or the indicative range specified in the Final Terms. Notice of the actual price, rate, level or percentage, as applicable, will be published in the same manner as the publication of the Final Terms.

Securities issued by BNPP B.V. may be secured ("**Secured Securities**") or unsecured and will be guaranteed by BNPP (in such capacity, the "**BNPP Guarantor**" or the "**Guarantor**") pursuant to either (a) in respect of the Secured Securities, (i) a Deed of Guarantee for Secured Securities in respect of English Law Securities (the "**Secured Securities English Law Guarantee**") or (ii) a *garantie* in respect of Secured Securities, which are French Law Securities (the "**Secured Securities French Law Guarantee**" and, together with the Secured Securities English Law Guarantee, the "**Secured Securities Guarantees**"), the forms of which are set out herein or (b) in respect of the unsecured Securities, (i) a Deed of Guarantee for Unsecured Securities in respect of English Law Securities (the "**BNPP English Law Guarantee**") or (ii) a *garantie* in respect of unsecured Securities, which are French Law Securities (the "**BNPP French Law Guarantee**" and, together with the BNPP English Law Guarantee the "**BNPP Unsecured Securities Guarantees**"), the forms of which are set out herein. The Secured Securities Guarantees and the BNPP Unsecured Securities Guarantees together, the "**BNPP Guarantees**".

Except in the case of U.S. Securities, each of BNPP B.V. and BNPP has a right of substitution as set out herein. In the event that either BNPP B.V. or BNPP exercises its right of substitution, a supplement to the Base



Prospectus will be published on the website of the AMF ([www.amf-france.org](http://www.amf-france.org)) and on the website of BNPP (<https://rates-globalmarkets.bnpparibas.com/gm/public/LegalDocs.aspx>).

Each issue of Securities will entitle the holder thereof on the Instalment Date(s) and/or the Redemption Date (or, in the case of Multiple Exercise Certificates, each Exercise Settlement Date) either to receive a cash amount (if any) calculated in accordance with the relevant terms or to receive physical delivery of the underlying assets, all as set forth herein and in the applicable Final Terms.

Other than in relation to the documents which are deemed to be incorporated by reference (see "*Documents Incorporated by Reference*" below), the information on the websites to which this Base Prospectus refers does not form part of this Base Prospectus unless that information is incorporated by reference into the Base Prospectus and has not been scrutinised or approved by the AMF.

Capitalised terms used in this Base Prospectus shall, unless otherwise defined, have the meanings set forth in the Conditions.

**Prospective purchasers of Securities should ensure that they understand the nature of the relevant Securities and the extent of their exposure to risks and that they consider the suitability of the relevant Securities as an investment in the light of their own circumstances and financial condition. Securities are complex financial instruments and involve a high degree of risk and potential investors should be prepared to sustain a total loss of the purchase price of their Securities. There are significant risks associated with holding Securities, including risks in relation to the circumstances in which Securities (other than Secured Securities) may be written down or converted to ordinary shares and the implications on prospective purchasers of Securities (such as a substantial loss). The circumstances in which such prospective purchasers may suffer loss as a result of holding Securities are difficult to predict and the quantum of any loss incurred by investors in such circumstances is also highly uncertain. For more information, see "Risks" on pages 28 to 91.**

**Investors in Hong Kong should not purchase the Securities in the primary or secondary markets unless they are professional investors (as such term is defined in the Securities and Futures Ordinance (Cap. 571, Laws of Hong Kong) and its subsidiary legislation, "Professional Investors") and understand the risks involved.**

**In particular, the Securities and the Guarantees and, in the case of Physical Delivery Certificates (as defined below) (the "Physical Delivery Securities"), the Entitlement (as defined herein) to be delivered upon the redemption of such Securities have not been, and will not be, registered under the United States Securities Act of 1933, as amended (the "Securities Act"), or any other applicable state securities laws and trading in the Securities has not been approved by the United States Commodity Futures Trading Commission (the "CFTC") under the United States Commodity Exchange Act, as amended (the "Commodity Exchange Act"). None of the Issuers has registered as an investment company pursuant to the United States Investment Company Act of 1940, as amended (the "Investment Company Act"). Unless otherwise specified in the applicable Final Terms, the Securities are being offered and sold in reliance on Regulation S under the Securities Act ("Regulation S"). No Securities, or interests therein, may at any time be offered, sold, resold, held, traded, pledged, exercised, redeemed, transferred or delivered, directly or indirectly, in the United States or to, or for the account or benefit of, persons that are (i) a "U.S. person" as defined in Regulation S; or (ii) a person other than a "Non-United States person" as defined in Rule 4.7 under the Commodity Exchange Act; or (iii) a "U.S. person" as defined in (a) the Interpretive Guidance and Policy Statement Regarding Compliance with Certain Swap Regulations promulgated by the CFTC or (b) the final rule relating to Cross-Border Application of the Registration Thresholds and Certain Requirements Applicable to Swap Dealers and Major Swap Participants promulgated by the CFTC, in each case as amended, modified or supplemented from time to time, pursuant to the Commodity Exchange Act; or (iv) any other "U.S. person" as such term may be defined in Regulation S or in regulations or guidance adopted under the Commodity Exchange Act (each such person, a "U.S. person") unless expressly provided for pursuant to an applicable U.S. wrapper to the Base Prospectus. Any such applicable U.S. wrapper may restrict the types of Securities that can be offered, sold, resold, held, traded, pledged, exercised, redeemed, transferred or delivered and the terms of such Securities. Any offer, sale, resale, trade, pledge, exercise, redemption, transfer or delivery made, directly or indirectly, within the United States or to, or for the account or benefit of, a**

U.S. person will not be recognised. No Securities other than U.S. Securities may be legally or beneficially owned at any time by any U.S. person (as defined in the "*Offering and Sale*" section below) and accordingly are being offered and sold outside the United States to non-U.S. persons in reliance on Regulation S and pursuant to CFTC regulations and guidance.

Certain issues of U.S. Securities of BNPP may also be offered and sold in the United States to (i) persons reasonably believed to be qualified institutional buyers ("QIBs") as defined in Rule 144A under the Securities Act ("Rule 144A") and (ii) certain institutional accredited investors ("AIs") as defined in Rule 501(a)(1), (2), (3), (7), (8) or (9) of Regulation D under the Securities Act. Certain issues of U.S. Securities of BNPP B.V. may be offered and sold in the United States to persons reasonably believed to be both QIBs and qualified purchasers ("QPs") as defined under the Investment Company Act.

Each purchaser of U.S. Securities within the United States is hereby notified that the offer and sale of such Securities is being made in reliance upon an exemption from the registration requirements of the Securities Act. For a description of certain further restrictions on offers and sales of the Securities and on the distribution of this Base Prospectus, see "*Offering and Sale*" below.

U.S. Securities will, unless otherwise specified in the Final Terms, be sold through BNP Paribas Securities Corp., a registered broker-dealer. Hedging transactions involving Physical Delivery Securities may not be conducted unless in compliance with the Securities Act. See the Conditions below.

Securities related to a specified interest in an exchange traded instrument or basket of interests in exchange traded instruments, a specified commodity or commodity index or basket of commodities and/or commodity indices, a specified interest rate or basket of interest rates or a specified inflation index or basket of inflation indices, a specified currency futures contract, a specified currency or basket of currencies, a specified fund share or unit or fund index or basket of fund shares or units or fund indices, the credit of a specified reference entity or reference entities, a specified futures contract or basket of futures contracts or Hybrid Securities related to any of these asset classes, may not at any time be offered, sold, resold, held, traded, pledged, exercised, redeemed, transferred or delivered, directly or indirectly, in the United States or to, by or for the account or benefit of, persons that are (i) a "U.S. person" as defined in Regulation S; or (ii) a person other than a "Non-United States person" as defined in Rule 4.7 under the Commodity Exchange Act; or (iii) a "U.S. person" as defined in (a) the Interpretive Guidance and Policy Statement Regarding Compliance with Certain Swap Regulations promulgated by the CFTC or (b) the final rule relating to Cross-Border Application of the Registration Thresholds and Certain Requirements Applicable to Swap Dealers and Major Swap Participants promulgated by the CFTC, in each case as amended, modified or supplemented from time to time, pursuant to the Commodity Exchange Act; or (iv) any other "U.S. person" as such term may be defined in Regulation S or in regulations or guidance adopted under the Commodity Exchange Act (each such person, a "**U.S. person**"), unless expressly provided for pursuant to any applicable U.S. wrapper to the Base Prospectus. Any such applicable U.S. wrapper may restrict the types of Securities that can be offered, sold, resold, held, traded, pledged, exercised, redeemed, transferred or delivered and the terms of such Securities.

Neither the United States Securities and Exchange Commission (the "**SEC**") nor any other applicable state securities commission has approved or disapproved of these securities or passed upon the accuracy of this prospectus. Any representation to the contrary is a criminal offence.

**The Securities to the extent they constitute "Secured Securities" may not be sold to, or for the account or benefit of, U.S. persons as defined in the U.S. Risk Retention Rules ("Risk Retention U.S. Persons") except to the extent such Risk Retention U.S. Persons have received a waiver from the applicable sponsor and except as permitted under an exemption to the U.S. Risk Retention Rules as described under "Risks" on page 90 and "Offering and Sale" on page 1423. "U.S. Risk Retention Rules" means Regulation RR (17 C.F.R Part 246) implementing the risk retention requirements of Section 15G of the U.S. Securities Exchange Act of 1934, as amended.**

The Issuers have requested the AMF, in accordance with Article 25(1) of the Prospectus Regulation, to provide the competent authorities in Belgium, Croatia, Denmark, Finland, Germany, Hungary, Ireland, Italy, Luxembourg, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden and the Czech Republic with a certificate of approval attesting that the Base Prospectus has been drawn up in accordance with the Prospectus Regulation.

In the event that the applicable Final Terms specify that the Securities are U.S. Securities, (A) the Securities sold in the United States by BNPP to QIBs within the meaning of Rule 144A will be represented by one or more global Securities (each, a "**Rule 144A Global Security**") issued and deposited with (1) a custodian for, and registered in the name of a nominee of, The Depository Trust Company ("**DTC**") or (2) a common depositary on behalf of Clearstream Banking, S.A. ("**Clearstream, Luxembourg**") or Euroclear Bank S.A./N.V. ("**Euroclear**") and/or any other relevant clearing system, (B) the Securities sold in the United States by BNPP to AIs will be issued and registered in definitive form (each, a "**Private Placement Definitive Security**"), (C) the Securities sold in the United States by BNPP B.V. to QIBs who are QPs will be represented by a Rule 144A Global Security and (D) in any such case, Securities sold outside the United States to non-U.S. persons will be represented by a one or more global Securities (each, a "**Regulation S Global Security**") issued and deposited with a common depositary on behalf of Clearstream, Luxembourg and Euroclear and/or any other relevant clearing system and may not be legally or beneficially owned at any time by any U.S. person. In the event that the Final Terms do not specify that Securities are eligible for sale within the United States or to U.S. persons, the Securities offered and sold outside the United States to non-U.S. persons may not be legally or beneficially owned at any time by any U.S. person and will be represented by a Clearing System Global Security or a Registered Global Security, as the case may be.

BNPP's long-term credit ratings are A+ with a stable outlook (S&P Global Ratings Europe Limited ("**Standard & Poor's**")), Aa3 with a stable outlook (Moody's Investors Service Ltd. ("**Moody's**")), AA- with a stable outlook (Fitch Ratings Ireland Limited ("**Fitch**")) (which is the long-term rating assigned to BNPP's senior preferred debt by Fitch) and AA (low) with a stable outlook (DBRS Rating GmbH ("**DBRS Morningstar**")) and BNPP's short-term credit ratings are A-1 (Standard & Poor's), P-1 (Moody's), F1+ (Fitch) and R-1 (middle) (DBRS Morningstar). BNPP B.V.'s long-term credit ratings are A+ with a stable outlook (Standard & Poor's) and BNPP B.V.'s short term credit ratings are A-1 (Standard & Poor's). Each of Standard & Poor's, Fitch and DBRS Morningstar is established in the European Union and is registered under the Regulation (EC) No. 1060/2009 (as amended) (the "**CRA Regulation**"). The ratings issued by Moody's have been endorsed by Moody's France SAS ("**Moody's France**") in accordance with the CRA Regulation. Moody's France is established in the European Union and registered under the CRA Regulation. As such each of Standard & Poor's, Fitch, DBRS Morningstar and Moody's France is included in the list of credit rating agencies published by the European Securities and Markets Authority on its website (at <http://www.esma.europa.eu/page/List-registered-and-certified-CRAs>) in accordance with the CRA Regulation. Moody's is established in the United Kingdom and is registered in accordance with Regulation (EC) No. 1060/2009 as it forms part of domestic law by virtue of the European Union (Withdrawal) Act 2018 (the "**UK CRA Regulation**"). Moody's is included in the list of credit rating agencies published by the Financial Conduct Authority on its website (<https://register.fca.org.uk>) in accordance with the UK CRA Regulation. None of Standard & Poor's, Fitch or DBRS Morningstar are established in the United Kingdom, but each is part of a group in respect of which one of its undertakings is (i) established in the United Kingdom, and (ii) is registered in accordance with the UK CRA Regulation. As such, the ratings issued by Standard & Poor's, Fitch and DBRS Morningstar may be used for regulatory purposes in the United Kingdom in accordance with the UK CRA Regulation. Securities issued under the Programme may be rated or unrated. A security rating is not a recommendation to buy, sell or hold securities and may be subject to suspension, reduction or withdrawal at any time by the assigning rating agency.

## IMPORTANT NOTICES

The securities described in this Base Prospectus may only be offered in The Netherlands to Qualified Investors (as defined in the Prospectus Regulation).

### **Disclaimer statement for structured products (Securities)**

In relation to investors in the Kingdom of Bahrain, Securities issued in connection with this Base Prospectus and related offering documents must be in registered form and must only be marketed to existing account holders and accredited investors as defined by the Central Bank of Bahrain (the "**CBB**") in the Kingdom of Bahrain where such investors make a minimum investment of at least U.S.\$ 100,000 or any equivalent amount in other currency or such other amounts as the CBB may determine.

This offer does not constitute an offer of Securities in the Kingdom of Bahrain in terms of Article (81) of the Central Bank and Financial Institutions Law 2006 (decree Law No. 64 of 2006). This Base Prospectus and related offering documents have not been and will not be registered as a prospectus with the CBB. Accordingly, no Securities may be offered, sold or made the subject of an invitation for subscription or purchase nor will this Base Prospectus or any other related document or material be used in connection with any offer, sale or invitation to subscribe or purchase Securities, whether directly or indirectly, to persons in the Kingdom of Bahrain, other than as marketing to accredited investors for an offer outside Bahrain.

The CBB has not reviewed, approved or registered this Base Prospectus or related offering documents and it has not in any way considered the merits of the Securities to be marketed for investment, whether in or outside the Kingdom of Bahrain. Therefore, the CBB assumes no responsibility for the accuracy and completeness of the statements and information contained in this document and expressly disclaims any liability whatsoever for any loss howsoever arising from reliance upon the whole or any part of the contents of this document.

No offer of securities will be made to the public in the Kingdom of Bahrain and this prospectus must be read by the addressee only and must not be issued, passed to, or made available to the public generally.

All offers of Securities to investors in the Kingdom of Bahrain will be made by way of private placement and may only be offered to accredited investors in the Kingdom of Bahrain in minimum subscriptions of U.S. \$100,000 (or equivalent in other countries).

**Notification under Section 309B(1)(c) of the Securities and Futures Act 2001 (2020 Revised Edition) of Singapore, as modified or amended from time to time (the SFA)** – Unless otherwise specified in the applicable Final Terms in respect of any Securities, all Securities issued or to be issued under the Programme shall be capital markets products other than prescribed capital markets products (as defined in the Securities and Futures (Capital Markets Products) Regulations 2018 of Singapore) and Specified Investment Products (as defined in MAS Notice SFA 04-N12: Notice on the Sale of Investment Products and MAS Notice FAA-N16: Notice on Recommendations on Investment Products).

**Guidance under the Hong Kong Monetary Authority (the "HKMA") circular** - In October 2018, the HKMA issued a circular regarding enhanced investor protection measures on the sale and distribution of debt instruments with loss-absorption features and related products (the "**HKMA Circular**"). Under the HKMA Circular, debt instruments with loss-absorption features, being subject to the possibility of being written-down or converted to ordinary shares, and investment products that invest mainly in, or whose returns are closely linked to the performance of such instruments (together, "**Loss-Absorption Products**"), may only be offered to professional investors (as defined in the Securities and Futures Ordinance (Cap. 571, Laws of Hong Kong) and its subsidiary legislation, "**Professional Investors**") in Hong Kong. Unless otherwise specified in the applicable Final Terms in respect of any Securities, all Securities (other than Secured Securities) issued or to be issued under the Programme contain loss-absorption features and may be considered Loss-Absorption

Products under the HKMA Circular. **Investors in Hong Kong should not purchase such Securities with loss-absorption features unless they are Professional Investors and understand the risks involved. Such Securities are generally not suitable for retail investors in Hong Kong in either the primary or the secondary markets.**

**IMPORTANT – EEA AND UK RETAIL INVESTORS** – If the Final Terms in respect of any Securities specifies the "Prohibition of Sales to EEA and UK Retail Investors – Legend" as applicable, the Securities are not intended to be offered, sold or otherwise made available to and should not be offered, sold or otherwise made available to any retail investor in (i) the EEA, unless a key information document will be made available (if required) in the EEA jurisdiction(s) in which the Securities are offered, sold or otherwise made available to such retail investor(s) or (ii) the United Kingdom (the "**UK**"), unless a key information document will be made available (if required) in the UK. If the Final Terms in respect of any Securities specifies the "Prohibition of Sales to EEA and UK Retail Investors – Legend" as not applicable, the Securities may be offered, sold or otherwise made available to any retail investor in the EEA or in the UK, provided that, where a key information document is required pursuant to the PRIIPs Regulation or the UK PRIIPs Regulation (each as defined below), as the case may be, the Securities may only be offered, sold or otherwise made available to retail investors in (i) the EEA in the jurisdiction(s) for which a key information document will be made available or (ii) in the UK if a key information document will be made available in the UK. For these purposes, a retail investor means a person who is one (or more) of:

- (a) in the case of retail investors in the EEA:
  - (i) a retail client as defined in point (11) of Article 4(1) of Directive 2014/65/EU (as amended, "**MiFID II**");
  - (ii) a customer within the meaning of Directive (EU) 2016/97 (the "**Insurance Distribution Directive**"), where that customer would not qualify as a professional client as defined in point (10) of Article 4(1) of MiFID II; or
  - (iii) not a qualified investor as defined in the Prospectus Regulation; or
- (b) in the case of retail investors in the UK:
  - (i) a retail client, as defined in point (8) of Article 2 of Regulation (EU) No 2017/565 as it forms part of UK domestic law by virtue of the European Union (Withdrawal) Act 2018 ("**EUWA**");
  - (ii) a customer within the meaning of the provisions of the Financial Services and Markets Act 2000 ("**FSMA**") and any rules or regulations made under the FSMA to implement Directive (EU) 2016/97, where that customer would not qualify as a professional client, as defined in point (8) of Article 2(1) of Regulation (EU) No 600/2014 as it forms part of domestic law by virtue of the EUWA; or
  - (iii) not a qualified investor as defined in Article 2 of Regulation (EU) 2017/1129 as it forms part of domestic law by virtue of the EUWA.

Consequently, no key information document required by:

- (a) Regulation (EU) No 1286/2014 (the "**PRIIPs Regulation**") for offering or selling the Securities or otherwise making them available to retail investors in the EEA has been prepared, other than in respect of the jurisdiction(s) for which a key information document will be made available, and therefore offering or selling the Securities or otherwise making them available to any retail investor in the EEA may be unlawful under the PRIIPs Regulation; and

- (b) Regulation (EU) No 1286/2014 as it forms part of UK domestic law by virtue of the EUWA (the "**UK PRIIPs Regulation**") for offering or selling the Securities or otherwise making them available to retail investors in the UK has been prepared, and therefore, offering or selling the Securities or otherwise making them available to any retail investor in the UK may be unlawful under the UK PRIIPs Regulation.

## **EU BENCHMARKS REGULATION**

Amounts payable under the Certificates may be calculated by reference to one or more "benchmarks" for the purposes of Regulation (EU) No. 2016/1011 of the European Parliament and of the Council of 8 June 2016 (the "**EU Benchmarks Regulation**"). In this case, a statement will be included in the applicable Final Terms as to whether or not the relevant administrator of the "benchmark" is included in ESMA's register of administrators under Article 36 of the EU Benchmarks Regulation. Certain "benchmarks" may either (i) not fall within the scope of the EU Benchmarks Regulation by virtue of Article 2 or (ii) transitional provisions in Article 51 of the EU Benchmarks Regulation may apply to certain other "benchmarks", which would otherwise be in scope, such that at the date of the applicable Final Terms, the administrator of the "benchmark" is not required to be included in the register of administrators.

**MiFID II product governance / target market** – The Final Terms in respect of any Securities may include a legend entitled "MiFID II product governance/target market assessment" which will outline the target market assessment in respect of the Securities and which channels for distribution of the Securities are appropriate. Any person subsequently offering, selling or recommending the Securities (a "**distributor**") should take into consideration the target market assessment; however, a distributor subject to MiFID II is responsible for undertaking its own target market assessment in respect of the Securities (by either adopting or refining the target market assessment) and determining appropriate distribution channels.

**UK MiFIR product governance / target market** – The Final Terms in respect of any Securities may include a legend entitled "UK MiFIR product governance/target market assessment" which will outline the target market assessment in respect of the Securities and which channels for distribution of the Securities are appropriate. Any person subsequently offering, selling or recommending the Securities (a "**distributor**") should take into consideration the target market assessment; however, a distributor subject to the FCA Handbook Product Intervention and Product Governance Sourcebook (the "**UK MiFIR Product Governance Rules**") is responsible for undertaking its own target market assessment in respect of the Securities (by either adopting or refining the target market assessment) and determining appropriate distribution channels.

## TABLE OF CONTENTS

### Page

OVERVIEW OF THIS BASE PROSPECTUS .....	16
<i>This section sets out a general description of the Programme, including a description of the relevant Issuer, the Guarantor (if applicable) and agents under the Programme, as well as a description of certain provisions relating to the Securities, such as a description of the different forms and types of Securities that may be issued under the Programme.</i>	
RISKS .....	28
<i>This section sets out certain risks in respect of the relevant Issuer, the Guarantor (if applicable) and the Securities.</i>	
INVESTMENT CONSIDERATIONS .....	92
<i>This section sets out certain investment considerations the relevant Issuer and the Guarantor (if applicable) consider relevant to the Securities.</i>	
USER'S GUIDE TO THE BASE PROSPECTUS .....	112
<i>This section provides a guide to navigating the Base Prospectus and reading the Final Terms.</i>	
AVAILABLE INFORMATION .....	116
<i>This section gives disclosure on information required to be provided by BNPP to Holders or beneficial owners of U.S. Securities.</i>	
FORWARD-LOOKING STATEMENTS .....	116
<i>This section gives disclosure in respect of forward-looking statements in written materials and in oral statements relating to BNPP, BNPP B.V. and the BNP Paribas Group.</i>	
PRESENTATION OF FINANCIAL INFORMATION .....	116
<i>This section gives disclosure on the presentation of financial information and the accounting standards used in the preparation of BNPP's audited consolidated financial statements.</i>	
DOCUMENTS INCORPORATED BY REFERENCE .....	117
<i>This section incorporates selected financial and other information in respect of the relevant Issuer and the Guarantor (if applicable) from other publicly available documents. It also incorporates by reference certain other specific documents relating to the Securities, such as terms and conditions and forms of Final Terms relating to Securities issued under previous base prospectuses.</i>	
SECURITY AND COLLATERAL IN RESPECT OF SECURED SECURITIES .....	134
<i>This section sets out disclosure relating to Security and Collateral Assets in respect of Secured Securities to which either Part A or Part B of Annex 13 (Additional Terms and Conditions for Secured Securities) applies.</i>	
SECURITY AND COLLATERAL IN RESPECT OF SECURED SECURITIES WHICH ARE NOTIONAL VALUE REPACK SECURITIES .....	140

*This section sets out disclosure relating to Security and Collateral Assets in respect of Secured Securities which are Notional Value Repack Securities, where neither Part A nor Part B of Annex (Additional Terms and Conditions for Secured Securities) applies.*

DESCRIPTION OF THE CHARGED ASSETS .....	144
PART I – GENERAL.....	144
PART II – DESCRIPTION OF THE SWAP AGREEMENT .....	145
PART III – DESCRIPTION OF THE REPURCHASE AGREEMENT .....	150
PART IV – DESCRIPTION OF THE COLLATERAL EXCHANGE AGREEMENT.....	153
PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES .....	157
PART VI – COLLATERAL EXCHANGE STRUCTURES .....	209
PART VII – CREDIT SUPPORT STRUCTURES .....	212

*This section sets out a description of the Charged Assets in respect of Secured Securities.*

FORM OF FINAL TERMS FOR CERTIFICATES .....	216
--	-----

*This section provides a template of the Final Terms which will be completed with the issue specific details of the relevant Series of Securities. The Final Terms for an issue of Securities will complete the terms and conditions applicable to such Securities (including any additional terms and conditions).*

TERMS AND CONDITIONS OF THE SECURITIES.....	351
---	-----

*This section sets out the general terms and conditions that are applicable to all types of Securities.*

#### **ADDITIONAL TERMS AND CONDITIONS**

ANNEX 1 Additional Terms and Conditions for Payouts .....	521
---	-----

*This Annex sets out different economic or "payout" terms in respect of different types of payouts, coupon rates or premium amount rates and entitlement amounts applicable to Securities that may be issued under the Base Prospectus. The definitions and formulae relating to ETS Payouts, SPS Coupon/Premium Amount Rates, Payouts and Entitlement Amounts and Fixed Income Coupon/Premium Amount Rates and Payouts set out in this section will be completed in the applicable Final Terms.*

ANNEX 2 Additional Terms and Conditions for Index Securities .....	672
--	-----

*This Annex applies if the Securities are specified as being Index Securities in the applicable Final Terms. It sets out the additional terms and conditions relevant to Index Securities.*

ANNEX 3 Additional Terms and Conditions for Share Securities .....	712
--	-----

*This Annex applies if the Securities are specified as being Share Securities in the applicable Final Terms. It sets out the additional terms and conditions relevant to Share Securities.*

ANNEX 4 Additional Terms and Conditions for ETI Securities .....	731
--	-----

*This Annex applies if the Securities are specified as being ETI Securities in the applicable Final Terms. It sets out the additional terms and conditions relevant to ETI Securities.*

ANNEX 5 Additional Terms and Conditions for Debt Securities.....	763
--	-----

*This Annex applies if the Securities are specified as being Debt Securities in the applicable Final Terms. It sets out the additional terms and conditions relevant to Debt Securities.*



ANNEX 6 Additional Terms and Conditions for Commodity Securities .....	771
<i>This Annex applies if the Securities are specified as being Commodity Securities in the applicable Final Terms. It sets out the additional terms and conditions relevant to Commodity Securities.</i>	
ANNEX 7 Additional Terms and Conditions for Inflation Index Securities.....	784
<i>This Annex applies if the Securities are specified as being Inflation Index Securities in the applicable Final Terms. It sets out the additional terms and conditions relevant to Inflation Index Securities.</i>	
ANNEX 8 Additional Terms and Conditions for Currency Securities.....	791
<i>This Annex applies if the Securities are specified as being Currency Securities in the applicable Final Terms. It sets out the additional terms and conditions relevant to Currency Securities.</i>	
ANNEX 9 Additional Terms and Conditions for Fund Securities .....	805
<i>This Annex applies if the Securities are specified as being Fund Securities in the applicable Final Terms. It sets out the additional terms and conditions relevant to Fund Securities.</i>	
ANNEX 10 Additional Terms and Conditions for Futures Securities .....	828
<i>This Annex applies if the Securities are specified as being Futures Securities in the applicable Final Terms. It sets out the additional terms and conditions relevant to Futures Securities.</i>	
ANNEX 11 Additional Terms and Conditions for Underlying Interest Rate Securities .....	833
<i>This Annex applies if the Securities are specified as being Underlying Interest Rate Securities in the applicable Final Terms. It sets out the additional terms and conditions relevant to Underlying Interest Rate Securities.</i>	
ANNEX 12 Additional Terms and Conditions for Credit Securities .....	837
<i>This Annex applies if the Securities are specified as being Credit Securities in the applicable Final Terms. It sets out the additional terms and conditions relevant to Credit Securities.</i>	
ANNEX 13 Additional Terms and Conditions for Secured Securities.....	924
<i>This Annex applies if the Securities are specified as being Secured Securities in the applicable Final Terms. It sets out the additional terms and conditions relevant to Secured Securities.</i>	
ANNEX 14 Additional Terms and Conditions for Preference Share Certificates .....	1176
<i>This Annex applies if the Securities are specified as being Preference Share Certificates in the applicable Final Terms. It sets out the additional terms and conditions relevant to Preference Share Certificates.</i>	
ANNEX 15 Additional Terms and Conditions for OET Certificates .....	1182
<i>This Annex applies if the Securities are specified as being OET Certificates in the applicable Final Terms. It sets out the additional terms and conditions relevant to OET Certificates.</i>	
ANNEX 16 Additional Terms and Conditions for Actively Managed Securities .....	1189

*This Annex applies if the Securities are specified as being Actively Managed Securities in the applicable Final Terms. It sets out the additional terms and conditions relevant to Actively Managed Securities.*

INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES .....	1213
---	------

*This section lists all of the defined terms used in the Terms and Conditions of the Securities (including the Additional Terms and Conditions), together with the relevant Condition reference.*

USE OF PROCEEDS .....	1318
-----------------------	------

*This section describes how the Issuers will generally apply the net proceeds of each issue of Securities.*

DESCRIPTION OF BNPP INDICES.....	1319
----------------------------------	------

*This section is relevant where the Securities reference a BNPP Custom Index. BNPP Custom Indices come from one of the fifteen index families listed in this section.*

CONNECTED THIRD PARTY INDICES .....	1320
-------------------------------------	------

*This section provides disclosure on where investors can obtain information relating to the performance of and the rules governing an Index which is specified in the applicable Final Terms to be a Connected Third Party Index.*

FORM OF THE BNPP ENGLISH LAW GUARANTEE FOR UNSECURED SECURITIES .....	1321
---	------

*This section sets out the form of the English Law Guarantee granted by BNPP in favour of Holders of Unsecured Securities.*

FORM OF THE BNPP ENGLISH LAW GUARANTEE FOR SECURED SECURITIES.....	1326
--	------

*This section sets out the form of the English Law Guarantee granted by BNPP in favour of Holders of Secured Securities.*

FORM OF THE BNPP FRENCH LAW GUARANTEE FOR UNSECURED SECURITIES .....	1332
--	------

*This section sets out the form of the French Law Guarantee granted by BNPP in favour of Holders of Unsecured Securities.*

FORM OF THE BNPP FRENCH LAW GUARANTEE FOR SECURED SECURITIES .....	1337
--	------

*This section sets out the form of the French Law Guarantee granted by BNPP in favour of Holders of Secured Securities.*

FORM OF THE SECURITIES .....	1342
------------------------------	------

*This section provides an overview of the form in which Securities may be issued under the Programme.*

DESCRIPTION OF BNPP B.V .....	1344
-------------------------------	------

*This section describes the business activities of BNPP B.V. and sets out summary financial and other information relating to BNPP B.V.*

DESCRIPTION OF BNPP .....	1348
---------------------------	------

*This section cross-refers to the page references of the BNPP 2021 Universal Registration Document (in English) (which is incorporated by reference in this Base Prospectus) that describe the business activities of BNPP and sets out summary financial and other information relating to BNPP.*

BOOK-ENTRY CLEARANCE SYSTEMS .....	1349
------------------------------------	------

*This section sets out disclosure relevant to the clearing systems through which Securities may be cleared.*

BOOK-ENTRY SYSTEMS .....	1349
--------------------------	------

*This section provides summary descriptions of each clearing system through which Securities may be cleared.*

TAXATION .....	1357
----------------	------

*This section provides a general overview of certain tax considerations relating to the Securities.*

BELGIAN TAXATION .....	1358
------------------------	------

*This section provides an overview of certain Belgian tax considerations relating to the Securities.*

FRENCH TAXATION .....	1363
-----------------------	------

*This section provides an overview of certain French tax considerations relating to the Securities.*

ITALIAN TAXATION .....	1366
------------------------	------

*This section provides an overview of certain Italian tax considerations relating to the Securities.*

POLISH TAXATION.....	1372
----------------------	------

*This section provides an overview of certain Polish tax considerations relating to the Securities.*

PORTUGUESE TAXATION.....	1383
--------------------------	------

*This section provides an overview of certain Portuguese tax considerations relating to the Securities.*

SPANISH TAXATION .....	1386
------------------------	------

*This section provides an overview of certain Spanish tax considerations relating to the Securities.*

UNITED KINGDOM TAXATION.....	1389
------------------------------	------

*This section provides an overview of certain United Kingdom tax considerations relating to the Securities.*

U.S. FEDERAL INCOME TAXATION .....	1392
------------------------------------	------

*This section provides a summary of certain U.S. federal income tax considerations that may be relevant to U.S. holders who purchase Securities.*

U.S. DIVIDEND EQUIVALENT WITHHOLDING .....	1402
--	------

*This section provides an overview of the U.S. withholding tax applicable to "dividend equivalent" payments under Section 871(m) of the U.S. Internal Revenue Code of 1986.*

FOREIGN ACCOUNT TAX COMPLIANCE ACT .....	1404
--	------

*This section provides an overview of the application of the Foreign Account Tax Compliance Act to the Securities.*

OTHER TAXATION .....	1405
----------------------	------

*This section provides a general overview of additional tax considerations that may be relevant to purchasers of Securities.*

CERTAIN CONSIDERATIONS FOR ERISA AND OTHER EMPLOYEE BENEFIT PLANS .....	1406
---	------

*This section provides an overview of certain considerations relating to the application of the provisions of the U.S. Employee Retirement Income Security Act of 1974 (as amended).*

NOTICE TO PURCHASERS AND HOLDERS OF U.S. SECURITIES AND TRANSFER RESTRICTIONS .....	1408
---	------

*This section sets out certain transfer restrictions applicable to purchasers of U.S. Securities.*

OFFERING AND SALE .....	1421
-------------------------	------

*This section sets out the restrictions to which offers, sales, re-sales or deliveries of any Securities, or distribution of any offering material relating to any Securities are subject in various jurisdictions.*

GENERAL INFORMATION.....	1444
--------------------------	------

*This section gives general information about the relevant Issuer, the Guarantor (if applicable), the Programme and the Securities, including the authorisation of the Programme and the approval of the Base Prospectus and listing of Securities, where investors can obtain copies of certain documents relating to the relevant Issuer and the Guarantor (if applicable) and the Programme, the statutory auditors of the relevant Issuer and the Guarantor (if applicable) and the clearing systems through which Securities may be cleared.*

RESPONSIBILITY STATEMENT.....	1462
-------------------------------	------

*This section sets out the responsibility statement given on behalf of BNPP and BNPP B.V. that sets out their responsibility in respect of the contents of the Base Prospectus.*

### OVERVIEW OF THIS BASE PROSPECTUS

*The following overview does not purport to be complete and is taken from, and is qualified in its entirety by, the remainder of this Base Prospectus and, in relation to the terms and conditions of any particular Tranche of Securities, the applicable Final Terms.*

This overview constitutes a general description of this Base Prospectus for the purposes of Article 25(1) of Commission Delegated Regulation (EU) No 2019/980 of 14 March 2019 (the "**Delegated Regulation**").

Words and expressions defined in the "Form of the Securities" and "Terms and Conditions of the Securities" shall have the same meanings in this overview.

#### **Issuers**

BNP Paribas Issuance B.V. ("**BNPP B.V.**") – Issuer Legal Entity Identifier (LEI): 7245009UXRIGIRYOB48.

BNP Paribas ("**BNPP**" and, together with its consolidated subsidiaries, the "**Group**") – Issuer Legal Entity Identifier (LEI): R0MUWSFPU8MPRO8K5P83.

#### **Guarantor**

BNP Paribas.

#### **Risk Factors**

There are certain factors that may affect the relevant Issuer's ability to fulfil its obligations under Securities issued under this Base Prospectus. In the case of Securities issued by BNPP B.V., there are also certain factors that may affect the Guarantor's ability to fulfil its obligations under the Guarantee. In addition, there are certain factors which are material for the purpose of assessing the market risks and legal risks associated with Securities issued under the Programme, risks relating to the structure of a particular Series of Securities and risks relating to the Underlying Reference or the disruption and adjustment provisions of a particular Series of Securities issued under the Programme. All of these are set out under "Risks". Additional considerations associated with an investment in the Securities are also set out under "Investment Considerations".

#### **Description of the Securities under this Base Prospectus**

Certificates issued under the Note, Warrant and Certificate Programme.

#### **Certain Restrictions**

Each issue of Securities denominated in a currency in respect of which particular laws, guidelines, regulations, restrictions or reporting requirements apply will only be issued in circumstances which comply with such laws, guidelines, regulations, restrictions or reporting requirements from time to time (see "*Offering and Sale*").

#### **Form of Securities**

English Law Certificates (other than CREST Dematerialised Certificates, Swedish Dematerialised Certificates, Finnish Dematerialised Certificates, Danish Dematerialised Certificates, Norwegian Dematerialised Certificates, Italian Dematerialised Certificates, Swiss Dematerialised Certificates and Polish Dematerialised Certificates) are represented by (i) a Permanent Global Certificate, (ii) a Rule 144A Global Certificate, (iii) a Regulation S Global Certificate, (iv) Private Placement Definitive Certificates, (v) certificates in registered form or (vi) a global certificate issued via Clearstream, Frankfurt's electronic data system, as specified in the applicable Final Terms. Except as provided in the limited circumstances set out in the Conditions, no Certificates in definitive form will be issued.

English Law Certificates that are (i) CREST Dematerialised Certificates will be issued in uncertificated registered form or (ii) Swedish Dematerialised Certificates, Finnish Dematerialised Certificates, Danish Dematerialised Certificates,

## OVERVIEW OF THIS BASE PROSPECTUS

Norwegian Dematerialised Certificates, Italian Dematerialised Certificates, Swiss Dematerialised Certificates or Polish Dematerialised Certificates will be issued in registered, uncertificated and dematerialised book-entry form.

French Law Certificates will be issued in dematerialised bearer form (*au porteur*).

### Securities

Securities may be issued as:

- (a) Index Securities, where the interest (if any) or Premium Amount (if any) payable on and/or the amount payable, or assets deliverable, on redemption of the Securities is determined by reference to an Index or a Basket of Indices (or index futures or options contracts);
- (b) Share Securities, where the interest (if any) or Premium Amount (if any) payable on and/or the amount payable, or assets deliverable, on redemption of the Securities is determined by reference to a Share (or a Stapled Share) or a Basket of Shares (which may be comprised of one or more Stapled Shares);
- (c) ETI Securities, where the interest (if any) or Premium Amount (if any) payable on and/or the amount payable, or assets deliverable, on redemption of the Securities is determined by reference to an ETI Interest or a Basket of ETI Interests;
- (d) Debt Securities, where the interest (if any) or Premium Amount (if any) payable on and/or the amount payable, or assets deliverable, on redemption of the Securities is determined by reference to a Debt Instrument or a Basket of Debt Instruments (or debt futures or options contracts);
- (e) Commodity Securities, where the interest (if any) or Premium Amount (if any) payable on and/or the amount payable, or assets deliverable, on redemption of the Securities is determined by reference to a Commodity (including an EU Allowance) or a Commodity Index or a Basket of Commodities (including EU Allowances) or a Basket of Commodity Indices;
- (f) Inflation Index Securities, where the interest (if any) or Premium Amount (if any) payable on and/or the amount payable, or assets deliverable, on redemption of the Securities is determined by reference to an Inflation Index or a Basket of Inflation Indices;
- (g) Currency Securities, where the interest (if any) or Premium Amount (if any) payable on and/or the amount payable, or assets deliverable, on redemption of the Securities is determined by reference to a FX Rate or a Basket of FX Rates;
- (h) Fund Securities, where (i) unless the Fund is a Euro Fund, the interest (if any) or Premium Amount (if any) payable on and/or the amount payable, or assets deliverable, on redemption of the Securities is determined by reference to a Fund or a Basket of Funds or a Fund Index or a Basket of Fund Indices or (ii) if the Fund is a Euro Fund, the interest (if any) or Premium Amount (if any) payable on and/or the amount payable on redemption of the Securities is determined by reference to the gross rate of return in respect of a Euro Fund;
- (i) Futures Securities, where the interest (if any) or Premium Amount (if any) payable on and/or the amount payable, or assets deliverable, on redemption of the Securities is determined by reference to a Futures Contract or a Basket of Futures Contracts;
- (j) Underlying Interest Rate Securities, where the interest (if any) or Premium Amount (if any) payable on and/or the amount payable, or assets deliverable, on redemption of the Securities is determined by reference to a single Underlying Interest Rate or a basket of Underlying Interest Rates;

## OVERVIEW OF THIS BASE PROSPECTUS

- (k) Credit Securities, where the interest (if any) or Premium Amount (if any) payable on and/or the amount payable, or assets deliverable, on redemption of the Securities is determined by reference to a single Reference Entity or a basket of Reference Entities; and
- (l) Preference Share Certificates, where the amount payable on redemption of the Securities is determined by reference to a Preference Share issued by the Preference Share Issuer linked to the performance of an underlying asset class.

The relevant Issuer may also issue Secured Securities as described in "*Security and Collateral in respect of Secured Securities*" or "*Security and Collateral in respect of Secured Securities which are Notional Value Repack Securities*", as the case may be.

### Redemption

The terms under which Securities may be redeemed (including the redemption date and the amount payable or deliverable on redemption as well as any provisions relating to early redemption) will be determined by the Issuer at the time of issue of the relevant Securities, specified in the applicable Final Terms and, if applicable, summarised in the relevant issue specific summary annexed to the applicable Final Terms.

Securities may be redeemed early if the performance of the Issuer's obligations under the Securities has become illegal or by reason of force majeure or act of state it becomes impossible or impracticable for the Issuer to perform its obligations under the Securities and/or any related hedging arrangements. If specified in the applicable Final Terms, Securities may be redeemed early at the option of the Issuer or at the option of the Holders at the Optional Redemption Amount specified in the applicable Final Terms. The Optional Redemption Amount in respect of each Security shall be either: (i) the Notional Amount multiplied by the percentage specified in the applicable Final Terms; or (ii) one of the following Call Payouts: Call Payout 1300/1, Call Payout 2200/1, Call Payout 2210, Call Payout 2300 or SPS Call Payout (in the case of early redemption at the option of the Issuer) or Put Payouts: Put Payout 1300/1, Put Payout 2200/1, Put Payout 2210, Put Payout 2300 or SPS Put Payout (in the case of early redemption at the option of the Holders).

The Securities may also be redeemed early following the occurrence of certain disruption, adjustment, extraordinary or other events. If Payout Switch Election or Automatic Payout Switch is specified in the applicable Final Terms, the amount payable or deliverable on redemption may be switched from one amount payable or deliverable to another.

If Autoroll is specified as applicable in the applicable Final Terms and an Autoroll Event occurs, where:

- (a) Autoroll Standard is specified in the applicable Final Terms, (i) the Final Payout and its related provisions, (ii) the Knock-in Event or Knock-out Event, as applicable, and its related provisions, (iii) the Automatic Early Redemption Event and its related provisions, (iv) the Strike Date, (v) the Coupon Payout and its related provisions and/or (vi) the Redemption Date will be amended to the Rolled Final Payout and its related provisions, Rolled Knock-in Event or Rolled Knock-out Event, as applicable, and its related provisions, Rolled Automatic Early Redemption Event and its related provisions, Rolled Strike Date, Rolled Coupon Payout and its related provisions and/or Rolled Redemption Date, each as specified in the applicable Final Terms;
- (b) Autoroll Lock is specified in the applicable Final Terms and an Autoroll Event occurs, any level specified in the applicable Final Terms in respect of (i) the Final Payout and its related provisions, (ii) the Knock-in Event or Knock-out Event and its related provisions, (iii) the Automatic Early Redemption Event and its related provisions and/or (iv) the Coupon Payout and its related provisions will be amended to (x) if Autoroll Lock Product is specified in the applicable Final Terms, the product of such originally designated level and the relevant Locked Level or (y) if Autoroll Lock Divide is specified in the applicable Final Terms, such originally designated level divided by the relevant Locked Level, in each case, specified in the applicable Final Terms; or

## OVERVIEW OF THIS BASE PROSPECTUS

- (c) Autoroll Shift is specified in the applicable Final Terms and an Autoroll Event occurs, any level specified in the applicable Final Terms in respect of (i) the Final Payout and its related provisions, (ii) the Knock-in Event or Knock-out Event and its related provisions, (iii) the Automatic Early Redemption Event and its related provisions and/or (iv) the Coupon Payout and its related provisions will be amended to the relevant Shifted Level specified in the applicable Final Terms.

### Interest or Premium Amount

The Securities may or may not bear or pay interest or Premium Amount. Interest/Premium Amount paying Securities will either bear or pay interest or premium amount determined by reference to a fixed rate, a floating rate and/or a rate calculated by reference to one or more Underlying Reference(s) (each an "**Underlying Reference**").

Securities which do not bear or pay interest or Premium Amount may be offered and sold at a discount to their nominal amount.

The Interest or Premium Amount will be calculated and payable on such date or dates as determined by the relevant Issuer at the time of issue of the relevant Securities specified in the applicable Final Terms and, if applicable, summarised in the relevant issue specific summary annexed to the applicable Final Terms.

The Interest or Premium Amount Rate may be any of the following as specified in the applicable Final Terms:

- Fixed Rate (including SPS Fixed): paying a fixed rate of interest.
- Floating Rate (including SPS Variable Amount): paying a floating rate of interest which may be calculated by reference to a reference rate (such as, but not limited to, EURIBOR, STIBOR, SONIA, SOFR, €STR, SARON or TONA).
- Linked Interest (including SPS Coupons: Stellar, Cappuccino, Ratchet, Driver, Nova and FI Coupons: FX Vanilla, Transition): paying an amount linked to the performance of one or more Underlying Reference(s).
- Conditional (including SPS Coupons: Digital, Snowball Digital, Accrual Digital and FI Coupons: FI Digital, FX Digital, Range Accrual, FX Range Accrual, FX Memory, PRDC, FI Digital Floor, FI Digital Cap): paying an amount either related or unrelated to the performance of the Underlying Reference(s), if certain conditions are met.
- Combination (including SPS Coupons: Sum, Option Max and FI Coupon: Combination Floater): combining two or more coupon types.
- FI Target Coupon.
- Duration Adjusted Coupon.

These rates and/or amounts of interest or premium amount payable may be subject to a maximum or a minimum.

If Coupon Switch Election or Automatic Coupon Switch is specified as applicable in the applicable Final Terms, the rate may be switched from one specified rate to another.

If Additional Switch Coupon is specified as applicable in the applicable Final Terms, an Additional Switch Coupon Amount will be payable on the Interest Payment Date following such switch. The terms applicable to each Series of such Securities will be determined by the relevant Issuer at the time of issue of the relevant Securities, specified in the applicable Final Terms and (if required) summarised in the relevant issue specific summary annexed to the applicable Final Terms.



### Payout Methodology

Unless previously redeemed or purchased and cancelled, each Security entitles its holder to receive from the relevant Issuer:

- (a) In respect of the Redemption Date:
  - (i) in the case of Cash Settled Certificates, the Cash Settlement Amount (see Security Condition 28 (*Certain Definitions Relating to Exercise, Valuation and Redemption*)) and Payout Conditions 1.1, 2.2, 3.3), being an amount equal to the Final Payout specified in the applicable Final Terms;
  - (ii) in the case of Physical Delivery Securities, the Entitlement (see Security Condition 28 (*Certain Definitions Relating to Exercise, Valuation and Redemption*)) and Payout Conditions 1.7 and 2.4) being the quantity of the Relevant Assets specified in the applicable Final Terms equal to the Entitlement specified in the applicable Final Terms; or
  - (iii) in the case of Securities which may either be Cash Settled Certificates or Physical Delivery Certificates, depending on whether certain conditions are met, either (A) a Cash Settlement Amount being an amount equal to the Final Payout specified in the applicable Final Terms or (B) the Entitlement, being the quantity of the Relevant Assets specified in the applicable Final Terms equal to the Entitlement specified in the applicable Final Terms.

Notwithstanding the above, if the Securities are:

- (i) Credit Securities, redemption shall be at the amount and/or by delivery of the assets specified in the Credit Security Conditions and the applicable Final Terms; or
  - (ii) Actively Managed Securities, redemption shall be the Cash Settlement Amount (see Security Condition 28 (*Certain Definitions Relating to Exercise, Valuation and Redemption*)) as amended by Actively Managed Security Condition 7.2), being an amount equal to the Notional Amount per Certificate multiplied by the AMC Value in respect of the Redemption Valuation Date.
- (b) If Automatic Early Redemption is specified as applicable in the applicable Final Terms and an Automatic Early Redemption Event occurs, the Automatic Early Redemption Amount (see Security Conditions 34.9 (*Automatic Early Redemption*) and 34.11 (*Automatic Early Redemption – Automatic Early Redemption Payout 2210/1*)) and Payout Conditions 1.2, 2.3 and 3.4).
  - (c) If an Issuer Call Option or Holder Put Option is specified as applicable in the applicable Final Terms, the relevant Optional Redemption Amount (see Security Conditions 34.3 (*Issuer Call Option*) and 34.4 (*Holder Put Option*)) and Payout Conditions 1.3, 1.6 and 2.3).
  - (d) In the case of interest or premium amount paying Certificates, the interest amount or premium amount (see Security Conditions 32(a) (*Interest on Fixed Rate Certificates*), 32(b)(iv) (*Determination of Rate of Interest and Calculation of Interest Amount*), 32(c)(iii) (*Determination of Rate of Interest and Calculation of Interest Amount*) and 33.6 (*Definitions relating to Premium Amount(s)*)) and Payout Conditions 2.1 and 3.1).

The terms of a Series of Securities are comprised of (i) the Conditions, (ii) the Annex relevant to the relevant Underlying References and (iii) if selected in the applicable Final Terms, the Interest or Premium Amount Rate and/or Payout(s) selected from Annex 1 to the Conditions (the "**Payout Annex**") specified in the applicable Final Terms and the related variables specified in the applicable Final Terms (including the relevant valuation provisions) for such Interest or Premium Amount Rate and/or Payout(s) (as selected from the Payout Annex).

## OVERVIEW OF THIS BASE PROSPECTUS

**Investors must review the Conditions, the Annex relevant to the relevant Underlying Reference and the Payout Annex, together with the applicable Final Terms to ascertain the terms and conditions applicable to the Securities.**

### Final Payouts

#### *Exchange Traded Securities (ETS) Final Payouts*

- (a) Investment products
  - (i) Capital Protection (Payouts 1100, 1120): fixed term products which have a return linked to the performance of the Underlying Reference(s). Capital may be totally or partially protected.
  - (ii) Yield Enhancement (Payouts 1200, 1230/1, 1230/2, 1240/1, 1240/2, 1240/3, 1240/4, 1250/1, 1250/2, 1250/3, 1250/4, 1250/5, 1250/6, 1250/7, 1260/1, 1260/2): fixed term products which on redemption have a fixed return if certain conditions (including a cap, knock-out and/or automatic early redemption features) relating to the performance of the Underlying Reference(s) are met. There may be total, partial or no capital protection.
  - (iii) Participation (Payouts 1300, 1320/1, 1320/2, 1320/3, 1340/1, 1340/2, 1399): fixed term or open ended products for which the return is linked to the performance of the Underlying Reference(s). The calculation of the return may be based on various mechanisms (including knock-in or knock-out features). There may be total, partial or no capital protection.
- (b) Leverage products
  - (i) Leverage (Payouts 2110/1, 2110/2, 2110/3, 2110/4, 2200/1, 2200/2, 2210, 2230): fixed term or open ended products for which the return is linked, either to the linear or non-linear performance of the Underlying Reference. The calculation of the return may be based on various mechanisms (including knock-out features). There is no capital protection.
  - (ii) Constant Leverage (Payout 2300): fixed term or open ended products which have a return calculated by reference to a fixed daily leverage on the positive or negative performance of the Underlying Reference. There is no capital protection. The Redemption Date of fixed term Constant Leverage products may be postponed at the option of the Issuer. If the value of the product falls below a certain threshold, the Issuer may consolidate the Certificates into a new issue of Certificates.

#### *Structured Products Securities (SPS) Final Payouts*

- (a) Fixed Percentage Securities: fixed term products which have a return equal to a fixed percentage.
- (b) Reverse Convertible Securities (Reverse Convertible, Reverse Convertible Standard): fixed term products which have a return linked to both the performance of the Underlying Reference(s) and a knock-in level. There is no capital protection and these products pay coupons.
- (c) Vanilla Securities (Call, Call Spread, Put, Put Spread, Digital, Knock-in Call, Knock-out Call, Range Accrual): fixed term products which have a return linked to the performance of the Underlying Reference(s). The return is calculated by reference to various mechanisms (including knock-in or knock-out features). There may be total, partial or no capital protection.
- (d) Asian Securities (Asian, Asian Spread, Himalaya, Talisman): fixed term products which have a return linked to the performance of the Underlying Reference(s) determined through an averaging method. The return is calculated by reference to various mechanisms (including a cap, a floor or lock-in features). There may be total, partial or no capital protection.

## OVERVIEW OF THIS BASE PROSPECTUS

- (e) Auto-callable Securities (Autocall, Autocall One Touch, Autocall Standard): fixed term products that include an automatic early redemption feature. The return is linked to the performance of the Underlying Reference(s). The return is calculated by reference to various mechanisms (including a knock-in feature). There may be total, partial or no capital protection.
- (f) Indexation Securities (Certi plus: Booster, Certi plus: Bonus, Certi plus: Leveraged, Certi plus: Twin Win, Certi plus: Super Sprinter, Certi plus: Generic, Certi plus: Generic Knock-in, Certi plus: Generic Knock-out): fixed term products which have a return linked to the performance of the Underlying Reference(s). The return is calculated by reference to various mechanisms (including knock-in or knock-out features). There may be total, partial or no capital protection.
- (g) Ratchet Securities: fixed term products which have a return linked to the performance of the Underlying Reference(s). The return is equal to the sum of returns determined on a given formula (which can be capped or floored). There may be total, partial or no capital protection.
- (h) Sum Securities: fixed term products which have a return linked to the performance of the Underlying Reference(s). The return calculation is the weighted sum of returns determined using different payout formulae. There may be total, partial or no capital protection.
- (i) Option Max Securities: fixed term products which have a return linked to the performance of the Underlying Reference(s). The return is the maximum return calculation of different payout formulae. There may be total, partial or no capital protection.
- (j) Stellar Securities: fixed term products which have a return linked to the performance of a basket of Underlying References. The return calculation, which is subject to a floor, is made up of the average returns of each Underlying Reference in the basket, each being subject to both a cap and a floor.
- (k) Driver Securities: fixed term products which have a return linked to the performance of a basket of Underlying References. The return calculation, which is subject to a floor, is determined by reference to the average return of the basket, where the performance of one or more of the best performing Underlying Reference(s) is set at a fixed level.
- (l) Transition Securities: fixed term products which have a return linked to the performance of the Underlying Reference(s). The return is calculated by reference to various mechanisms (including knock-in and automatic early redemption feature) combined with trigger events which determine the allocation between the amount that will be reimbursed and the amount linked to the performance of the Underlying Reference(s). There may be partial or no capital protection and these products pay coupons.

### *Fixed Income (FI) Final Payouts*

- (a) FI FX Vanilla Securities: fixed term products which have a return linked to the performance of the Underlying Reference(s). The return is calculated by reference to various mechanisms (including knock-in or knock-out features). There may be total, partial or no capital protection.
- (b) Digital Securities (Digital Floor, Digital Cap, Digital Plus): fixed term products which have a fixed or variable return depending on the performance of the Underlying Reference(s). The return is calculated by reference to various mechanisms (including floor or cap conditions and knock-in and/or knock-out features).
- (c) Inflation securities: fixed term products which have a return linked to the performance of the Underlying Reference(s).

### **Entitlement Amounts**

## OVERVIEW OF THIS BASE PROSPECTUS

The Entitlement Amount may be determined on the basis of the following payouts:

- Delivery of Worst-Performing Underlying
- Delivery of Best-Performing Underlying
- Delivery of the Underlying
- Delivery of Basket Underlying
- Delivery of Accumulator Underlying

If Delivery of Worst-Performing Underlying, Delivery of Best-Performing Underlying or Delivery of the Underlying is specified in the applicable Final Terms, the Entitlement Amount will be rounded down to the nearest unit of each Relevant Asset capable of being delivered and in lieu thereof the Issuer will pay an amount equal to the Rounding and Residual Amount. If Delivery of Basket Underlying is specified in the applicable Final Terms, the Entitlement Amount in respect of each Underlying Reference in the basket will be rounded down on a per Underlying Reference basis to the nearest unit of each Relevant Asset capable of being delivered and in lieu thereof the Issuer will pay an amount equal to the Rounding and Residual Amount in respect of each Underlying Reference in the basket. If Delivery of Accumulator Underlying is specified in the applicable Final Terms, in addition to delivery of the Entitlement Amount in respect of the Underlying Reference, the Issuer will pay an amount equal to the Rounding and Residual Amount.

### **Automatic Early Redemption**

If an Automatic Early Redemption Event, as specified in the applicable Final Terms, occurs, the Securities will be redeemed early at the Automatic Early Redemption Amount on the Automatic Early Redemption Date.

Unless SPS Accumulator AER Payout is specified in the applicable Final Terms, the Automatic Early Redemption Amount will be equal to the Automatic Early Redemption Payout specified in the applicable Final Terms or, if not set out, an amount equal to the product of (i) the Notional Amount in respect of such Certificate and (ii) the sum of the relevant Automatic Early Redemption Percentage and the relevant AER Rate specified in the applicable Final Terms relating to the Automatic Early Redemption Date. If the SPS Accumulator AER Payout is specified in the applicable Final Terms, an Automatic Early Entitlement Amount will be deliverable, equal to the SPS Accumulator AER Payout, together with payment of a residual cash amount (if any).

### **Automatic Early Redemption Payouts**

Automatic Early Redemption Payout 2210/1  
Automatic Early Redemption Payout 2210/2  
Automatic Early Redemption Payout 1230/1  
Automatic Early Redemption Payout 1230/2  
Automatic Early Redemption Payout 1240/1  
Automatic Early Redemption Payout 1240/2  
Automatic Early Redemption Payout 1240/3  
Automatic Early Redemption Payout 1250/2  
Automatic Early Redemption Payout 1250/3  
Automatic Early Redemption Payout 1250/5  
Automatic Early Redemption Payout 1260/1  
Automatic Early Redemption Payout 1260/2  
Automatic Early Redemption Payout 1320/2

Automatic Early Redemption Payout 1340/1  
Automatic Early Redemption Payout 1340/2  
Automatic Early Redemption Payout 2200/1  
Automatic Early Redemption Payout 2200/2  
Automatic Early Redemption Payout 2230  
SPS Automatic Early Redemption Payout  
SPS Target Automatic Early Redemption Payout  
SPS Transition Automatic Early Redemption Payout  
SPS Accumulator AER Payout  
Target Automatic Early Redemption  
FI Underlying Automatic Early Redemption  
FI Coupon Automatic Early Redemption

### **Dual Currency Certificates**

In the case of Dual Currency Certificates, the Settlement Currency for any amount calculated to be payable in respect of interest (if any) or premium amount (if any) and/or any amount calculated to be payable on redemption of the Certificates will depend on the performance of the exchange rate on the relevant Dual Currency Determination Date compared to the initial exchange rate specified in the applicable Final Terms.

## OVERVIEW OF THIS BASE PROSPECTUS

### Taxation

The Holder must pay all taxes, duties and/or expenses arising from the redemption of the Securities and/or the delivery or transfer of the Entitlement. The Issuer shall deduct from amounts payable or assets deliverable to Holders certain taxes and expenses not previously deducted from amounts paid or assets delivered to Holders, as the Calculation Agent determines are attributable to the Securities.

Payments will be subject in all cases to (i) any fiscal or other laws and regulations applicable thereto in the place of payment or other laws and regulations to which the relevant Issuer, the Guarantor (if applicable), the relevant Security Agent and the Registrar (in the case of Registered Securities) are subject, (ii) any withholding or deduction required pursuant to an agreement described in Section 1471(b) of the U.S. Internal Revenue Code of 1986 (the "**Code**") or otherwise imposed pursuant to Sections 1471 through 1474 of the Code, any regulations or agreements thereunder, any official interpretations thereof, or any law implementing an intergovernmental approach thereto, and (iii) any withholding or deduction required pursuant to Section 871(m) of the Code.

In addition, if the Securities are deemed to be "specified securities" for the purpose of Section 871(m) of the Code, in determining the amount of withholding or deduction required pursuant to Section 871(m) of the Code imposed with respect to any amounts to be paid on the Securities, the Issuer shall be entitled to withhold on any "dividend equivalent" payment (as defined for purposes of Section 871(m) of the Code) at a rate of 30 per cent.

Payments on the Securities that reference U.S. securities or an index that includes U.S. securities may be calculated by reference to the net dividends payable on such U.S. securities or net total returns of the U.S. components of such index. In calculating the relevant payment amount, the Issuer may withhold, and the holder may be deemed to have received, 30 per cent. of any "dividend equivalent" payments (as defined in Section 871(m) of the Code) in respect of the relevant U.S. securities or U.S. dividend paying index components, as the case may be. The Issuer will not pay any additional amounts to the holder on account of the Section 871(m) amount deemed withheld.

### Negative Pledge

The terms of the Securities will not contain a negative pledge provision.

### Events of Default

The terms of the Securities (save for the Secured Securities) will not contain events of default. The events of default in respect of Secured Securities are described in "*Security and Collateral in respect of Secured Securities*" or "*Security and Collateral in respect of Secured Securities which are Notional Value Repack Securities*", as applicable.

### Governing Law

*In the case of English Law Securities:*

The Securities, (in respect of English Law Securities) the Agency Agreement (as amended or supplemented from time to time), the related Guarantee in respect of the Securities and any non-contractual obligations arising out of or in connection with the Securities, (in respect of English Law Securities) the Agency Agreement (as amended or supplemented from time to time) and the Guarantee in respect of the Securities will be governed by and shall be construed in accordance with English law.

*In the case of French Law Securities:*

The Securities, (in respect of French Law Securities) the Agency Agreement (as amended or supplemented from time to time) and the BNPP French Law Guarantee are governed by, and construed in accordance with, French law, and any action or proceeding in relation thereto shall, subject to any mandatory rules of the Brussels Recast Regulation, be submitted to the jurisdiction of the competent courts in Paris within the jurisdiction of the Paris Court of Appeal (*Cour d'Appel de Paris*). BNPP B.V. elects domicile at the registered office of BNP Paribas currently located at 16 boulevard des Italiens, 75009 Paris.

### Status

*In the case of Securities issued by BNPP B.V.:*

Securities may be issued on either a secured or unsecured basis. Securities issued on an unsecured basis and (if applicable) the relative Coupons are unsubordinated and unsecured obligations of the Issuer and rank *pari passu* among themselves.

Securities issued on a secured basis ("**Secured Securities**") and (if applicable) the relative Coupons constitute unsubordinated and secured obligations of the Issuer and rank *pari passu* among themselves.

*In the case of Securities issued by BNPP:*

The Securities and (if applicable) the relative Coupons are unsubordinated and unsecured obligations of the Issuer and rank *pari passu* among themselves. The term "unsubordinated obligations" refers to senior preferred obligations which fall or are expressed to fall within the category of obligations described in Article L.613-30-3-I-3° of the French *Code monétaire et financier*. Additionally, BNPP may not issue senior non-preferred securities pursuant to this Base Prospectus.

### Guarantee

English law unsecured Securities issued by BNPP B.V. will be unconditionally and irrevocably guaranteed by BNPP pursuant to an English law deed of guarantee executed by BNPP on or around 1 June 2022. The obligations under the guarantee are senior preferred obligations (within the meaning of Article L.613-30-3-I-3° of the French *Code monétaire et financier*) and unsecured obligations of BNPP and will rank *pari passu* with all its other present and future senior preferred and unsecured obligations, subject to such exceptions as may from time to time be mandatory under French law.

In the event of a bail-in of BNPP but not BNPP B.V., the obligations and/or amounts owed by BNPP under the guarantee shall be reduced to reflect any such modification or reduction applied to liabilities of BNPP resulting from the application of a bail-in of BNPP by any relevant regulator (including in a situation where the guarantee itself is not the subject of such bail-in).

English law secured Securities issued by BNPP B.V. will be unconditionally and irrevocably guaranteed by BNPP pursuant to an English law deed of guarantee executed by BNPP on or around 1 June 2022. The obligations under the guarantee are senior preferred obligations (within the meaning of Article L.613-30-3-I-3° of the French *Code monétaire et financier*) and unsecured obligations of BNPP and will rank *pari passu* with all its other present and future senior preferred and unsecured obligations, subject to such exceptions as may from time to time be mandatory under French law.

French law unsecured Securities issued by BNPP B.V. will be unconditionally and irrevocably guaranteed by BNPP pursuant to a French law garantie executed by BNPP on or around 1 June 2022. The obligations under the garantie are senior preferred obligations (within the meaning of Article L.613-30-3-I-3° of the French *Code monétaire et financier*) and unsecured obligations of BNPP and will rank *pari passu* with all its other present and future senior preferred and unsecured obligations, subject to such exceptions as may from time to time be mandatory under French law.

In the event of a bail-in of BNPP but not BNPP B.V., the obligations and/or amounts owed by BNPP under the guarantee shall be reduced to reflect any such modification or reduction applied to liabilities of BNPP resulting from the application of a bail-in of BNPP by any relevant regulator (including in a situation where the guarantee itself is not the subject of such bail-in).

French law secured Securities issued by BNPP B.V. will be unconditionally and irrevocably guaranteed by BNPP pursuant to a French law garantie executed by BNPP on or around 1 June 2022. The obligations under the garantie are senior preferred obligations (within the meaning of Article L.613-30-3-I-3° of the French *Code monétaire et financier*)

## OVERVIEW OF THIS BASE PROSPECTUS

and unsecured obligations of BNPP and will rank *pari passu* with all its other present and future senior preferred and unsecured obligations, subject to such exceptions as may from time to time be mandatory under French law.

### **Buy-back Provisions in respect of French law governed Certificates**

If so provided in the applicable Final Terms, BNP Paribas Arbitrage S.N.C. undertakes, pursuant to a market making agreement dated 11 April 2014 entered into between BNPP B.V. and BNP Paribas Arbitrage S.N.C., to buy-back French law governed Certificates as specified in the applicable Final Terms, subject to normal market conditions prevailing at the time.

### **Ratings**

BNPP B.V.'s long term credit rating is A+ with a stable outlook (S&P Global Ratings Europe Limited) and BNPP B.V.'s short term credit rating is A-1 (S&P Global Ratings Europe Limited).

BNPP's long term credit ratings are A+ with a stable outlook (S&P Global Ratings Europe Limited), Aa3 with a stable outlook (Moody's Investors Service Ltd.), AA- with a stable outlook (Fitch Ratings Ireland Limited) and AA (low) with a stable outlook (DBRS Rating GmbH) and BNPP's short-term credit ratings are A-1 (S&P Global Ratings Europe Limited), P-1 (Moody's Investors Service Ltd.), F1+ (Fitch Ratings Ireland Limited) and R-1 (middle) (DBRS Rating GmbH).

Securities issued under the Base Prospectus may be rated or unrated.

A security rating is not a recommendation to buy, sell or hold securities and may be subject to suspension, reduction or withdrawal at any time by the assigning rating agency.

### **Listing and Admission to Trading**

Securities issued under this Base Prospectus may be listed and admitted to trading on Euronext Paris, Euronext Access Paris (including the XMLI Segment), the Luxembourg Stock Exchange (including the professional segment of the regulated market of the Luxembourg Stock Exchange), the SeDeX MTF, the EuroTLX, the Euro MTF Market (including the professional segment of the Euro MTF Market), Euronext Brussels, NASDAQ Helsinki Ltd., NASDAQ Stockholm, the regulated market of the Nordic Growth Market NGM AB (known as "Main Regulated"), the Nordic MTF, the Warsaw Stock Exchange, the regulated market of the Irish Stock Exchange plc trading as Euronext Dublin or such other regulated market, organised market, third country market, SME market or other trading system specified in the applicable Final Terms, or may be issued on an unlisted basis.

### **Selling Restrictions**

The Securities will be freely transferable, subject to the offering and selling restrictions in the United States, the European Economic Area, Belgium, Croatia, the Czech Republic, Denmark, Finland, France, Germany, Hungary, Ireland, Italy, Luxembourg, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, the United Kingdom, Japan and Australia and under the Prospectus Regulation and the laws of any jurisdiction in which the relevant Securities are offered or sold.

### **Exempt Securities**

The requirement to publish a prospectus under the Prospectus Regulation only applies to Securities which are to be admitted to trading on a regulated market in the European Economic Area and/or offered to the public in the European Economic Area other than in circumstances where an exemption is available under Article 1(4) and/or Article 3(2) of the Prospectus Regulation. The requirement to publish a prospectus under the Financial Services and Markets Act 2000 ("FSMA") only applies to Securities which are admitted to trading on a UK regulated market as defined in Regulation (EU) No 600/2014 on markets in financial instruments as it forms part of domestic law by virtue of the European Union (Withdrawal) Act 2018 ("EUWA") ("UK MiFIR") and/or offered to the public in the United Kingdom other than in circumstances where an exemption is available under section 86 of the FSMA. Under this Base Prospectus, the Issuers may issue Exempt Securities (being Securities for which no prospectus is required to be published under the Prospectus

## OVERVIEW OF THIS BASE PROSPECTUS

Regulation or the FSMA, as the case may be). In the case of Exempt Securities, any terms and conditions not contained in this Base Prospectus which are applicable to such Exempt Securities will be set out in a final terms document for Exempt Securities (the "**Final Terms for Exempt Securities**"). The Agency Agreement (as defined in the Security Conditions) sets out the form of Final Terms for Exempt Securities which are Certificates. For the purposes of any Exempt Securities, references in the Conditions to "Final Terms" shall be deemed to include a reference to the "Final Terms for Exempt Securities". For the avoidance of doubt, the Final Terms for Exempt Securities does not constitute "final terms" as such term is used under the Prospectus Regulation.



## RISKS

*Prospective purchasers of the Securities offered hereby should consider carefully, among other things and in light of their financial circumstances and investment objectives, all of the information in this Base Prospectus and, in particular, the risks set forth below (which each Issuer, in its reasonable opinion, believes represents or may represent the risks known to it which may affect such Issuer's ability to fulfil its obligations under the Securities) in making an investment decision. Investors may lose the value of their entire investment in certain circumstances.*

Terms used in this section and not otherwise defined have the meanings given to them in the relevant Conditions.

### Risks Relating to BNPP and its Industry

See "Risk Factors" under Chapter 5 on pages 309 to 323 of the BNPP 2021 Universal Registration Document (in English) and pages 92 to 107 of the First Amendment to the BNPP 2021 Universal Registration Document (in English) (each as defined below), each of which is incorporated by reference in this document.

### Risk Factors

Unless otherwise indicated, the information and financial elements contained in these risk factors specifically include the activity of Bank of the West to reflect a prudential view. They are therefore presented excluding the effects of the application of IFRS 5 on groups of assets and liabilities held for sale. Chapter 3 of the BNPP 2021 Universal Registration Document (in English) includes a reconciliation between the operational view presented excluding the application of IFRS 5 and the consolidated financial statements applying IFRS 5. The main categories of risk inherent in BNPP's business are presented below. They may be measured through risk-weighted assets or other quantitative or qualitative indicators, to the extent risk-weighted assets are not relevant (for example, for liquidity and funding risk).

<i>Risk-weighted assets in billions of euros</i>	<b>31.12.21</b>	<b>31.12.20</b>
Credit risk	554	527
Counterparty credit risk	40	41
Securitisation risk in the banking book	14	14
Operational risk	63	71
Market risk	25	25
Amounts below the thresholds for deduction (subject to 250% risk weight)	18	17
<b>Total</b>	<b>714</b>	<b>696</b>

More generally, the risks to which BNPP is exposed may arise from a number of factors related, among others, to changes in its macroeconomic or regulatory environment or factors related to the implementation of its strategy and its business.

The material risks specific to BNPP's business, determined based on the circumstances known to the management as of the date of the BNPP 2021 Universal Registration Document (in English), are presented below under seven main categories: credit risk, counterparty risk and securitisation risk in the banking book; operational risk; market risk; liquidity and funding risk; risks related to the macroeconomic and market environment; regulatory risks; and risks related to BNPP's growth in its current environment.

BNPP's risk management policies have been taken into account in assessing the materiality of these risks; in particular, risk-weighted assets factor in risk mitigation elements to the extent eligible in accordance with applicable banking regulations.

## 1. Credit risk, counterparty risk and securitisation risk in the banking book

BNPP's **credit risk** is defined as the probability of a borrower or counterparty defaulting on its obligations to BNPP. Probability of default along with the recovery rate of the loan or debt in the event of default are essential elements in assessing credit quality. In accordance with the European Banking Authority recommendations, this category of risk also includes risks on equity investments, as well as those related to insurance activities. As of 31 December 2021, BNPP's credit risk exposure broke down as follows: corporates (41%), central governments and central banks (27%), retail customers (25%), credit institutions (4%), other items (2%) and equities (1%). As of 31 December 2021, 32% of BNPP's credit exposure was comprised of exposures in France, 16% in Belgium and Luxembourg, 9% in Italy, 19% in other European countries, 13% in North America, 6% in Asia and 5% in the rest of the world. BNPP's risk-weighted assets subject to this type of risk amounted to €554 billion at 31 December 2021, or 78% of the total risk-weighted assets of BNPP, compared to €527 billion at 31 December 2020.

BNPP's **counterparty risk** arises from its credit risk in the specific context of market transactions, investments, and/or settlements. BNPP's exposure to counterparty risk, excluding Credit Valuation Adjustment ("CVA") risk as of 31 December 2021, is comprised of: 44% in the corporate sector, 19% in governments and central banks, 13% in credit institutions and investment firms, and 24% in clearing houses. By product, BNPP's exposure, excluding CVA risk, as of 31 December 2021 was comprised of: 51% in over-the-counter ("OTC") derivatives, 33% in repurchase transactions and securities lending/borrowing, 10% in listed derivatives and 6% in contributions to the clearing houses' default funds. The amount of this risk varies over time, depending on fluctuations in market parameters affecting the potential future value of the covered transactions. In addition, CVA risk measures the risk of losses related to CVA volatility resulting from fluctuations in credit spreads associated with the counterparties in respect of which BNPP is subject to risk. The risk-weighted assets subject to counterparty credit risk amounted to €40 billion at 31 December 2021, representing 6% of BNPP's total risk-weighted assets, compared to €41 billion at 31 December 2020.

**Securitisation risk in the banking book:** Securitisation is a transaction or arrangement by which the credit risk associated with a liability or set of liabilities is subdivided into tranches. Any commitment made by BNPP under a securitisation structure (including derivatives and liquidity lines) is considered to be a securitisation. The bulk of BNPP's commitments are in the prudential banking portfolio. Securitised exposures are essentially those generated by BNPP. The securitisation positions held or acquired by BNPP may also be categorized by its role: of the positions as at 31 December 2021, BNPP was originator of 50%, was sponsor of 31% and was investor of 19%. The risk-weighted assets subject to this type of risk amounted to €14 billion at 31 December 2021, representing 2% of BNPP's total risk-weighted assets, unchanged compared to 31 December 2020.

### 1.1 *A substantial increase in new provisions or a shortfall in the level of previously recorded provisions exposed to credit risk and counterparty risk could adversely affect BNPP's results of operations and financial condition.*

Credit risk and counterparty risk impact BNPP's consolidated financial statements when a customer or counterparty is unable to honour its obligations and when the book value of these obligations in BNPP's records is positive. The customer or counterparty may be a bank, a financial institution, an industrial or commercial enterprise, a government or a government entity, an investment fund, or a natural person. If the default rate of customers or counterparties increases, BNPP may have to record increased charges or provisions in respect of irrecoverable or doubtful loans (Stage 3) or of performing loans (Stages 1 and 2) in response to a deterioration in economic conditions or other factors, which may affect its profitability.

As a result, in connection with its lending activities, BNPP regularly establishes provisions, which are recorded on its income statement in the line item Cost of Risk. These provisions amounted to €2.925 billion at 31 December 2021, representing 34 basis points of outstanding customer loans (compared with 66 basis points at 31 December 2020 and 39 basis points at 31 December 2019). The significant increase in these provisions in 2020 reflects the economic consequences of the health crisis and is an example of the materialisation of this risk,

while their decrease in 2021 is explained by a high base in 2020, a limited number of defaults and write-backs of provisions on performing loans.

BNPP's overall level of provisions is based on its assessment of prior loss experience, the volume and type of lending being conducted, industry standards, past due loans, economic conditions and other factors related to the recoverability of various loans or statistical analysis based on scenarios applicable to asset classes.

Although BNPP seeks to establish an appropriate level of provisions, its lending businesses may have to increase their provisions for loan losses or sound receivables substantially in the future as a result of deteriorating economic conditions or other causes. Any significant increase in provisions for loan losses or a significant change in BNPP's estimate of the risk of loss inherent in its portfolio of non impaired loans, as well as the occurrence of loan losses in excess of the related provisions, could have a material adverse effect on BNPP's results of operations and financial condition.

For reference, at 31 December 2021, the ratio of doubtful loans to total loans outstanding was 2.0% and the coverage ratio of these doubtful commitments (net of guarantees received) by provisions was 73.6%, against 2.1% and 71.5%, respectively, as at 31 December 2020. These two ratios are defined in Chapter 5.1 (*Key Figures*) of the BNPP 2021 Universal Registration Document (in English).

While BNPP seeks to reduce its exposure to credit risk and counterparty risk by using risk mitigation techniques such as collateralization, obtaining guarantees, entering into credit derivatives and entering into netting agreements, it cannot be certain that these techniques will be effective to offset losses resulting from counterparty defaults that are covered by these techniques. Moreover, BNPP is also exposed to the risk of default by the party providing the credit risk coverage (such as a counterparty in a derivative or a loan insurance contract) or to the risk of loss of value of any collateral. In addition, only a portion of BNPP's overall credit risk and counterparty risk is covered by these techniques. Accordingly, BNPP has very significant exposure to these risks.

## 1.2 *The soundness and conduct of other financial institutions and market participants could adversely affect BNPP.*

BNPP's ability to engage in financing, investment and derivative transactions could be adversely affected by the soundness of other financial institutions or market participants. Financial institutions are interrelated as a result of trading, clearing, counterparty, funding or other relationships. As a result, defaults by one or more states or financial institutions, or even rumours or questions about, one or more financial institutions, or the financial services industry generally, may lead to market wide liquidity problems and could lead to further losses or defaults. BNPP has exposure to many counterparties in the financial industry, directly and indirectly, including clearing houses, brokers and dealers, commercial banks, investment banks, mutual and alternative investment funds, and other institutional clients with which it regularly executes transactions. BNPP may also be exposed to risks related to the increasing involvement in the financial sector of players and the introduction of new types of transactions subject to little or no regulation (e.g., unregulated funds, trading venues or crowdfunding platforms). Credit and counterparty risks could be exacerbated if the collateral held by BNPP cannot be realised, it decreases in value, or it is liquidated at prices not sufficient to recover the full amount of the loan or derivative exposure due to BNPP or in the event of the failure of a significant financial market participant such as a central counterparty.

For reference, counterparty risk exposure related to financial institutions was €29 billion at 31 December 2021, or 13% of BNPP's total counterparty risk exposure, and counterparty risk exposure related to clearing houses was €54 billion, or 24% of BNPP's total counterparty risk exposure.

In addition, fraud or misconduct by financial market participants can have a material adverse effect on financial institutions due in particular to the interrelated nature of the financial markets. An example is the fraud perpetrated by Bernard Madoff that came to light in 2008, as a result of which numerous financial institutions

globally, including BNPP, announced losses or exposure to losses in substantial amounts. BNPP remains the subject of various claims in connection with the Madoff matter; see Note 7.b "Legal proceedings and arbitration" to the consolidated financial statements for the period ended 31 December 2021, which are set out in the BNPP 2021 Universal Registration Document (in English).

Losses resulting from the risks summarised above could materially and adversely affect BNPP's results of operations.

## **2. Operational Risk**

BNPP's operational risk is the risk of loss resulting from failed or inadequate internal processes (particularly those involving personnel and information systems) or external events, whether deliberate, accidental or natural (floods, fires, earthquakes, terrorist attacks, etc.). BNPP's operational risks cover fraud, human resources risks, legal and reputational risks, non-compliance risks, tax risks, information systems risks, risk of providing inadequate financial services (conduct risk), risk of failure of operational processes including credit processes, or from the use of a model (model risk), as well as potential financial consequences related to reputation risk management. From 2013-2021, BNPP's main type of incidents involving operational risk were in "Clients, products and business practices", which represents more than half of the total financial impact, largely as a result of BNPP's agreement with US authorities regarding its review of certain dollar transactions concluded in June 2014. Process failures, including errors in execution or processing of transactions and external fraud are respectively the second and third types of incidents with the highest financial impact. Between 2013 and 2021, other types of risk in operational risk consisted of external fraud (14%), business disruption and systems failure (3%), employment practices and workplace safety (2%), internal fraud (1%) and damage to physical assets (1%).

The risk-weighted assets subject to this type of risk amounted to €63 billion at 31 December 2021, representing 9% of BNPP's total risk-weighted assets, compared to €71 billion at 31 December 2020.

### **2.1 *BNPP's risk management policies, procedures and methods may leave it exposed to unidentified or unanticipated risks, which could lead to material losses.***

BNPP has devoted significant resources to developing its risk management policies, procedures and assessment methods and intends to continue to do so in the future. Nonetheless, BNPP's risk management techniques and strategies may not be fully effective in mitigating its risk exposure in all economic and market environments or against all types of risk, particularly risks that BNPP may have failed to identify or anticipate. BNPP's ability to assess the creditworthiness of its customers or to estimate the values of its assets may be impaired if, as a result of market turmoil such as that experienced in recent years, the models and approaches it uses become less predictive of future behaviour, valuations, assumptions or estimates. Some of BNPP's qualitative tools and metrics for managing risk are based on its use of observed historical market behaviour. BNPP applies statistical and other tools to these observations to arrive at quantifications of its risk exposures. The process BNPP uses to estimate losses inherent in its credit exposure or estimate the value of certain assets requires difficult, subjective, and complex judgments, including forecasts of economic conditions and how these economic predictions might impair the ability of its borrowers to repay their loans or impact the value of assets, which may, during periods of market disruption or substantial uncertainty, be incapable of accurate estimation and, in turn, impact the reliability of the process. These tools and metrics may fail to predict future risk exposures, e.g., if BNPP does not anticipate or correctly evaluate certain factors in its statistical models, or upon the occurrence of an event deemed extremely unlikely by the tools and metrics. This would limit BNPP's ability to manage its risks. BNPP's losses could therefore be significantly greater than the historical measures indicate. In addition, BNPP's quantified modelling does not take all risks into account. Its more qualitative approach to managing certain risks could prove insufficient, exposing it to material unanticipated losses.

**2.2** *An interruption in or a breach of BNPP's information systems may cause substantial losses of client or customer information, damage to BNPP's reputation and result in financial losses.*

As with most other banks, BNPP relies heavily on communications and information systems to conduct its business. This dependency has increased with the spread of mobile and online banking services, the development of cloud computing and more generally the use of new technologies. Any failure or interruption or breach in security of these systems could result in failures or interruptions in BNPP's customer relationship management, general ledger, deposit, servicing and/or loan organization systems or could cause BNPP to incur significant costs in recovering and verifying lost data. BNPP cannot provide assurances that such failures or interruptions will not occur or, if they do occur, that they will be adequately addressed.

In addition, BNPP is subject to cybersecurity risk, or risk caused by a malicious and/or fraudulent act, committed virtually, with the intention of manipulating information (confidential data, bank/insurance, technical or strategic), processes and users, in order to cause material losses to BNPP's subsidiaries, employees, partners and clients and/or for the purpose of extortion (ransomware). An increasing number of companies (including financial institutions) have in recent years experienced intrusion attempts or even breaches of their information technology security, some of which have involved sophisticated and highly targeted attacks on their computer networks. Because the techniques used to obtain unauthorized access, disable or degrade service, steal confidential data or sabotage information systems have become more sophisticated, change frequently and often are not recognized until launched against a target, BNPP and its third party service providers may be unable to anticipate these techniques or to implement in a timely manner effective and efficient countermeasures.

Any failures of or interruptions in BNPP's information systems or those of its providers and any subsequent disclosure of confidential information related to any client, counterparty or employee of BNPP (or any other person) or any intrusion or attack against its communication system could cause significant losses and have an adverse effect on BNPP's reputation, financial condition and results of operations.

Regulatory authorities now consider cybersecurity as a growing systemic risk for the financial sector. They have stressed the need for financial institutions to improve their resilience to cyber-attacks by strengthening internal IT monitoring and control procedures. A successful cyber-attack could therefore expose BNPP to a regulatory fine, especially should any personal data from customers be lost.

Moreover, BNPP is exposed to the risk of operational failure or interruption of a clearing agent, foreign markets, clearing houses, custodian banks or any other financial intermediary or external service provider used by BNPP to execute or facilitate financial transactions. Due to its increased interaction with clients, BNPP is also exposed to the risk of operational malfunction of the latter's information systems. BNPP's communications and data systems and those of its clients, service providers and counterparties may also be subject to malfunctions or interruptions as a result of cyber-crime or cyber-terrorism. BNPP cannot guarantee that these malfunctions or interruptions in its own systems or those of other parties will not occur or that in the event of a cyber-attack, these malfunctions or interruptions will be adequately resolved. These operational malfunctions or interruptions accounted for an average of 3% of operational risk losses over the 2013-2021 period.

**2.3** *Reputational risk could weigh on BNPP's financial strength and diminish the confidence of clients and counterparties in it.*

Considering the highly competitive environment in the financial services industry, a reputation for financial strength and integrity is critical to BNPP's ability to attract and retain customers. BNPP's reputation could be harmed if the means it uses to market and promote its products and services were deemed to be inconsistent with client interests. BNPP's reputation could also be damaged if, as it increases its client base and the scale of its businesses, its overall procedures and controls dealing with conflicts of interest fail, or appear to fail, to address them properly. Moreover, BNPP's reputation could be damaged by employee misconduct, fraud or misconduct

by financial industry participants to which BNPP is exposed, a restatement of, a decline in, or corrections to, its results, as well as any adverse legal or regulatory action, such as the settlement BNPP entered into with the U.S. authorities in 2014 for violations of U.S. laws and regulations regarding economic sanctions. The loss of business that could result from damage to BNPP's reputation could have an adverse effect on its results of operations and financial position.

### 3. Market risk

BNPP's market risk is the risk of loss of value caused by an unfavourable trend in prices or market parameters. The parameters affecting BNPP's market risk include, but are not limited to, exchange rates, prices of securities and commodities (whether the price is directly quoted or obtained by reference to a comparable asset), the price of derivatives on an established market and all benchmarks that can be derived from market quotations such as interest rates, credit spreads, volatility or implicit correlations or other similar parameters.

BNPP is exposed to market risk mainly through trading activities carried out by the business lines of its Corporate & Institutional Banking ("CIB") operating division, primarily in Global Markets, which represented 14.8% of BNPP's revenue in 2021. BNPP's trading activities are directly linked to economic relations with clients of these business lines, or indirectly as part of its market making activity.

In addition, the market risk relating to BNPP's banking activities covers its interest rate and foreign exchange rate risk in connection with its activities as a banking intermediary. The "operating" foreign exchange risk exposure relates to net earnings generated by activities conducted in currencies other than the functional currency of the entity concerned. The "structural" foreign exchange risk position of an entity relates to investments in currencies other than the functional currency. In measuring interest rate risk, BNPP defines the concepts of standard rate risk and structural rate risk as the following: the standard rate risk corresponds to the general case, namely when it is possible to define the most appropriate hedging strategy for a given transaction, and the structural rate risk is the interest rate risk for equity and non-interest-bearing current accounts.

BNP Paribas' market risk based on its activities is measured by Value at Risk ("VaR"), and various other market indicators (stressed VaR, Incremental Risk Charge, Comprehensive Risk Measure for credit correlation portfolio) as well as by stress tests and sensitivity analysis compared with market limits.

The risk-weighted assets subject to this type of risk amounted to €25 billion at 31 December 2021, representing 3% of BNPP's total risk-weighted assets, compared to €25 billion at 31 December 2020 representing 4% of BNPP's total risk-weighted assets.

#### 3.1 *BNPP may incur significant losses on its trading and investment activities due to market fluctuations and volatility.*

BNPP maintains trading and investment positions in the debt, currency, commodity and equity markets and in unlisted securities, real estate and other asset classes, including through derivative contracts. These positions could be adversely affected by extreme volatility in these markets, i.e., the degree to which prices fluctuate over a particular period in a particular market, regardless of market levels. Moreover, volatility trends that prove substantially different from BNPP's expectations may lead to losses relating to a broad range of other products that BNPP uses, including swaps, forward and future contracts, options and structured products.

To the extent that BNPP owns assets, or has net long positions, in any of those markets, a market downturn could result in losses from a decline in the value of its positions. Conversely, to the extent that BNPP has sold assets that it does not own, or has net short positions in any of those markets, a market upturn could, in spite of the existing limitation of risks and control systems, expose BNPP to potentially substantial losses as it attempts to cover its net short positions by acquiring assets in a rising market. BNPP may from time to time hold a long position in one asset and a short position in another, in order to hedge transactions with clients and/or in view of

benefiting from changes in the relative value of the two assets. If, however, the relative value of the two assets changes in a direction or manner that BNPP did not anticipate or against which its positions are not hedged, it might realize a loss on those paired positions. Such losses, if significant, could adversely affect BNPP's results and financial condition. In addition, BNPP's hedging strategies may not be suitable for certain market conditions.

If any of the variety of instruments and strategies that the Group uses to hedge its exposure to various types of risk in its businesses is not effective, BNPP may incur losses. Many of its strategies are based on historical trading patterns and correlations. For example, if BNPP holds a long position in an asset, it may hedge that position by taking a short position in another asset where the short position has historically moved in a direction that would offset a change in the value of the long position. However, the hedge may only be partial, or the strategies used may not protect against all future risks or may not be fully effective in mitigating BNPP's risk exposure in all market environments or against all types of risk in the future. Unexpected market developments may also reduce the effectiveness of BNPP's hedging strategies, as shown by the losses incurred by BNPP's equity derivatives activities in the first quarter of 2020, due in particular to the market environment and the ECB decisions on dividend distributions. In addition, the manner in which gains and losses resulting from certain ineffective hedges are recorded may result in additional volatility in BNPP's reported earnings.

BNPP uses a VaR model to quantify its exposure to potential losses from market risks, and also performs stress testing with a view to quantifying its potential exposure in extreme scenarios (see Chapter 5.7 (*Market Risk – Market Risk Stress Testing Framework*) in the BNPP 2021 Universal Registration Document (in English)). However, these techniques rely on statistical methodologies based on historical observations, which may turn out to be unreliable predictors of future market conditions. Accordingly, BNPP's exposure to market risk in extreme scenarios could be greater than the exposures predicted by its quantification techniques.

## 3.2 *BNPP may generate lower revenues from commission and fee based businesses during market downturns and declines in activity.*

Commissions represented 23% of BNPP's total revenues in 2021. Financial and economic conditions affect the number and size of transactions for which BNPP provides securities underwriting, financial advisory and other investment banking services. These revenues, which include fees from these services, are directly related to the number and size of the transactions in which BNPP participates and can thus be significantly affected by economic or financial changes that are unfavourable to its Investment Banking business and clients. In addition, because the fees that BNPP charges for managing its clients' portfolios are in many cases based on the value or performance of those portfolios, a market downturn that reduces the value of its clients' portfolios or increases the amount of withdrawals would reduce the revenues it receives from its asset management, equity derivatives and private banking businesses. Independently of market changes, the development of index portfolios or below-market performance by BNPP's mutual funds may lead to reduced revenues from BNPP's asset management business, and increased withdrawals and reduced inflows for these vehicles. A reduced level of revenues from the abovementioned commission and fee-based businesses may have a material adverse impact on BNPP's financial results.

## 3.3 *Adjustments to the carrying value of BNPP's securities and derivatives portfolios and BNPP's own debt could have an adverse effect on its net income and shareholders' equity.*

The carrying value of BNPP's securities and derivatives portfolios and certain other assets, as well as its own debt, in its balance sheet is adjusted as of each financial statement date. As at 31 December 2021, on the assets side of BNPP's balance sheet, financial instruments at fair value through profit or loss, derivative financial instruments used for hedging purposes and financial assets at fair value through shareholders' equity amounted to €683 billion, €9 billion and €46 billion respectively. In the liabilities column, financial instruments at fair value through profit or loss and derivative financial instruments used for hedging purposes amounted to €714 billion and €10 billion, respectively, at 31 December 2021. Most of the adjustments are made on the basis of

changes in fair value of BNPP's assets or debt during an accounting period, with the changes recorded either in the income statement or directly in shareholders' equity. Changes that are recorded in the income statement, to the extent not offset by opposite changes in the value of other assets, affect BNPP's consolidated revenues and, as a result, its net income. A downward adjustment of the fair value of BNPP's securities and derivatives portfolios may lead to reduced shareholders' equity and, to the extent not offset by opposite changes in the value of BNPP's liabilities, BNPP's capital adequacy ratios may also be lowered. The fact that fair value adjustments are recorded in one accounting period does not mean that further adjustments will not be needed in subsequent periods.

#### 4. Liquidity and funding risk

Liquidity risk is the risk that BNPP will not be able to honour its commitments or unwind or offset a position due to market conditions or specific factors within a specified period of time and at a reasonable cost. It reflects the risk of not being able to cope with net cash outflows, including collateral requirements, over short- to long-term horizons. The Group's specific risk can be assessed through its short-term liquidity ratio ("**Liquidity Coverage Ratio**" or "**LCR**"), which analyses the hedging of net cash outflows during a thirty-day stress period. The monthly average in 2021 of the Group's LCR was 143%. The liquidity reserve was €452 billion at the end of 2021.

- 4.1 *BNPP's access to and cost of funding could be adversely affected by a resurgence of financial crises, worsening economic conditions, rating downgrades, increases in sovereign credit spreads or other factors.*

The financial crisis, the eurozone sovereign debt crisis as well as the general macroeconomic environment, at times adversely affected the availability and cost of funding for European banks around ten years ago. This was due to several factors, including a sharp increase in the perception of bank credit risk due to exposure to sovereign debt in particular, credit rating downgrades of sovereigns and of banks, and debt market speculation. Many European banks, including BNPP, at various points during these periods experienced restricted access to wholesale debt markets for institutional investors and to the interbank market, as well as a general increase in their cost of funding. In the context of the health crisis, the European Central Bank ("**ECB**") also set up refinancing facilities designed to foster the banks' financing of the economy (targeted longer-term refinancing options or "**TLTRO**"), on which BNPP has drawn. Such adverse credit market conditions may reappear in the event of prolonged stagnation of growth, deflation, resurgence of the financial crisis, another sovereign debt crisis or new forms of financial crises, factors relating to the financial industry or the economy in general (including the economic consequences of the health crisis) or to BNPP in particular. In this case, the effect on the liquidity of the European financial sector in general or BNPP in particular could be materially adverse and have a negative impact on BNPP's results of operations and financial condition.

- 4.2 *Protracted market declines can reduce BNPP's liquidity, making it harder to sell assets and possibly leading to material losses. Accordingly, BNPP must ensure that its assets and liabilities properly match in order to avoid exposure to losses.*

In some of BNPP's businesses, particularly Global Markets (which represented 14.8% of BNPP's revenue in 2021) and Asset/Liability Management, protracted market movements, particularly asset price declines, can reduce the level of activity in the market or reduce market liquidity. These developments can lead to material losses if BNPP cannot close out deteriorating positions in a timely way. This is particularly true for assets that are intrinsically illiquid. Assets that are not traded on stock exchanges or other public trading markets, such as certain derivative contracts between financial institutions, may have values that BNPP calculates using models rather than publicly quoted prices. Monitoring the deterioration of prices of assets like these is difficult and could lead to significant unanticipated losses (see Chapter 5.8 (*Liquidity risk – Stress tests and liquidity reserve*) in the BNPP 2021 Universal Registration Document (in English)).



BNPP is exposed to the risk that the maturity, interest rate or currencies of its assets might not match those of its liabilities. The timing of payments on certain of BNPP's assets is uncertain, and if BNPP receives lower revenues than expected at a given time, it might require additional market funding in order to meet its obligations on its liabilities. While BNPP imposes strict limits on the gaps between its assets and its liabilities as part of its risk management procedures, it cannot be certain that these limits will be fully effective to eliminate potential losses arising from asset and liability mismatches.

## 4.3 *Any downgrade of BNPP's credit ratings could weigh heavily on the profitability of BNPP.*

Credit ratings have a significant impact on BNPP's liquidity. On 24 June 2021, Standard & Poor's confirmed the long-term rating of BNPP's deposits and senior preferred debt rating as A+, confirmed its short-term rating as A-1 and revised the outlook from negative to stable. On 23 September 2021, Fitch maintained its long-term deposits and senior preferred debt ratings for BNPP at AA- and F1+ and revised its outlook to stable. On 4 December 2020, Moody's confirmed its long-term deposits and senior preferred debt rating as Aa3, and confirmed its short-term rating as P-1, with a stable outlook. On 29 June 2021, DBRS confirmed BNPP's senior preferred debt rating as AA (low), as well as its short-term rating as R-1(middle) with a stable outlook. A downgrade in BNPP's credit rating could affect the liquidity and competitive position of BNPP. It could also increase BNPP's borrowing costs, limit access to the capital markets or trigger additional obligations under its covered bonds or under certain bilateral provisions in some trading, derivative or collateralised financing contracts.

In addition, BNPP's cost of obtaining long term unsecured funding from market investors is also directly related to its credit spreads, which in turn depend to a certain extent on its credit ratings. Increases in credit spreads can significantly increase BNPP's cost of funding. Changes in credit spreads are continuous, market driven, and subject at times to unpredictable and highly volatile movements. Credit spreads are also influenced by market perceptions of BNPP's creditworthiness. Furthermore, credit spreads may be influenced by movements in the cost to purchasers of credit default swaps referenced to BNPP's debt obligations, which are influenced both by the credit quality of those obligations, and by a number of market factors that are beyond the control of BNPP.

## 5. Risks related to the macroeconomic and market environment

### 5.1 *Adverse economic and financial conditions have in the past had and may in the future have an impact on BNPP and the markets in which it operates.*

BNPP's business is sensitive to changes in the financial markets and more generally to economic conditions in France (32% of BNPP's revenues at 31 December 2021), other countries in Europe (45% of BNPP's revenues at 31 December 2021) and the rest of the world (23% of BNPP's revenues at 31 December 2021, including 5% related to activities of Bank of the West in the United States). A deterioration in economic conditions in the markets in the countries where BNPP operates and in the economic environment could in the future have, some or all of the following impacts:

- Adverse economic conditions affecting the business and operations of BNPP's customers, reducing credit demand and trading volume and resulting in an increased rate of default on loans and other receivables, in part as a result of the deterioration of the financial capacity of companies and households;
- A decline in market prices of bonds, equities and commodities affecting the businesses of BNPP, including in particular trading, investment banking and asset management revenues;
- Macroeconomic policies adopted in response to actual or anticipated economic conditions having unintended effects, and are likely to impact market parameters such as interest rates and foreign exchange rates, which in turn can affect BNPP's businesses that are most exposed to market risk;

## RISKS

- Perceived favourable economic conditions generally or in specific business sectors resulting in asset price bubbles, which could in turn exacerbate the impact of corrections when conditions become less favourable;
- A significant economic disruption (such as the global financial crisis of 2008, the European sovereign debt crisis of 2011 or the COVID-19 pandemic since 2020) having a substantial impact on all of BNPP's activities, particularly if the disruption is characterised by an absence of market liquidity that makes it difficult to sell certain categories of assets at their estimated market value or at all. These disruptions could also lead to a decline in transaction commissions and consumer loans; and
- A significant deterioration of market and economic conditions resulting from, among other things, adverse political and geopolitical events such as natural disasters, geopolitical tensions, health risks such as the COVID-19 health crisis and its aftermath, the fear or recurrence of new epidemics or pandemics, acts of terrorism, societal unrest, cyber-attacks, military conflicts or threats thereof and related risks (in particular, the ongoing war in Ukraine and relation sanctions), may affect the operating environment for BNPP episodically or for extended periods.

Since 2020, economies and financial markets have been, and should continue in 2022 to be, particularly sensitive to a number of factors, including the evolution of the COVID-19 pandemic and its economic consequences, in particular, the increase in sovereign and corporate debt that pre-dated the health crisis and has been aggravated by it, as well as the strength and staying power of the economic recovery following the crisis' peak, which is itself dependent on a number of factors (see risk factor 7.1 "*Epidemics and pandemics, including the ongoing coronavirus (COVID-19) pandemic and their economic consequences may adversely affect the Group's business, operations, results and financial condition*" below).

In addition, numerous factors are currently affecting or affect the economy and the financial markets in the coming months or years, in particular geopolitical tensions (notably in Eastern Europe, and in particular, the invasion of Ukraine, as discussed below), political risks directly affecting Europe, general trends in consumer and commodity prices characterised by high inflation, corresponding trends in wages, supply chain pressures, the changing economic situation in certain countries or regions that contribute to overall global economic growth, tensions around international trade and, as discussed below, the evolution of monetary policy and interest rates (these elements being affected by those above-mentioned factors).

The invasion of Ukraine and the ongoing war, as well as the reaction of the international community, have been, continue to be, and could continue to be a source of instability for BNPP, depressing stock market indices, inflating commodity prices (notably oil, gas and agricultural products, such as wheat), aggravating supply chain disruption and causing an increase in production costs and inflation more generally. These events are expected to have economic and financial repercussions that will increase inflation and decrease global growth and BNPP and its clients could be adversely affected as a result.

More generally, the volatility of financial markets could adversely affect BNPP's trading and investment positions in the debt, currency, commodity and equity markets, as well as its positions in other investments. For reference, Global Markets accounted for 14.8% of BNPP's revenues in 2021. Severe market disruptions and extreme market volatility have occurred often in recent years and may occur again in the future, which could result in significant losses for BNPP. Such losses may extend to a broad range of trading and hedging products, including swaps, forward and future contracts, options and structured products. The volatility of financial markets makes it difficult to predict trends and implement effective trading strategies.

It is difficult to predict economic or market downturns or other market disruptions and which markets will be most significantly impacted. If economic or market conditions in France or elsewhere in Europe, or global

markets more generally, were to deteriorate or become more volatile, BNPP's operations could be disrupted, and its business, results of operations and financial condition could be adversely affected.

- 5.2 *Significant interest rate changes could adversely affect BNPP's revenues or profitability. The prolonged low interest rate environment carries inherent systemic risks, which could impact BNPP's income or profitability, and any exit from such environment would also carry risks.*

The net interest income recorded by BNPP during any given period significantly affects its overall revenues and profitability for that period. Interest rates are highly sensitive to many factors beyond BNPP's control, such as the rate of inflation, country-specific monetary policies and certain decisions concerning regulatory capital. Changes in market interest rates could affect the interest rates charged on interest-earning assets differently from the interest rates paid on interest-bearing liabilities. Any adverse change in the yield curve could cause a decline in net interest income generated by BNPP's lending activities. In addition, increases in the interest rates at which BNPP's short-term funding is available and maturity mismatches may adversely affect its profitability.

Since the 2008-2009 financial crisis, global markets have been characterised by an extended period of low interest rates. This low interest rate environment has weighed significantly on banks' profitability, including that of BNPP, for a number of years. The relative impact on banks depends, in particular, on the proportion of their revenues represented by net interest income; this proportion was 46% for BNPP in 2021 (see the consolidated income statement for 2021 and the IFRS 5 reconciliation table in Chapter 3 of the BNPP 2021 Universal Registration Document (in English)). The situation has worsened since 2019 with the introduction of negative rates, particularly on placements by European banks with the ECB. If the low or even negative, interest rate environment continues, despite higher inflation and the central banks' reactions to it, BNPP's profitability could be affected or even decline. In this respect, central banks have – in 2020 and again in 2021 – increased their monetary support in the face of the recession caused by the health crisis of 2020 and 2021. A reduction in these accommodative policies by central banks, particularly in response to increasing inflation, has begun to be implemented by the U.S. Federal Reserve, the Bank of England and the ECB. For example, on 16 March 2022, the U.S. Federal Reserve decided to raise its main benchmark interest rate by 0.25% and now plans to reduce its balance sheet by USD 95 billion per month. In addition, the ECB has ended its emergency pandemic purchase programme ("**EP**") in March 2022 and indicated that will cease its targeted longer-term refinancing operations ("**TLTRO 3**") by June 2022. However, despite the increasing level of inflation, the implementation of monetary tightening policies by the ECB could be delayed given the uncertainty resulting from the current economic situation.

During periods of low interest rates, interest rate spreads tend to tighten, and BNPP may be unable to lower interest rates on deposits sufficiently to offset reduced income from lending at lower interest rates. Net interest income amounted to €21,312 million in 2020 and €21,209 million in 2021, respectively. On an indicative basis, over one-, two- and three-year timeframes, the sensitivity of revenues at 31 December 2021 to a parallel, instantaneous and definitive increase in market rates of +50 basis points (+0.5%) across all currencies had an impact of +€127 million, +€537 million and +€694 million, respectively, or +0.3%, +1.2% and +1.5% of BNPP's net banking income. The negative interest rate environment in which banks are charged for cash deposited with central banks, whereas banks typically do not charge clients for deposits, weighs significantly on banks' margins. In addition, BNPP has been facing and may continue to face an increase in early repayment and refinancing of mortgages and other fixed rate consumer and corporate loans as clients take advantage of lower borrowing costs. This, along with the issuance of new loans at the low prevailing market interest rates, has resulted and may continue to result in a decrease in the average interest rate of BNPP's portfolio of loans thereby causing a decline in its net interest income from lending activities. Moreover, an environment of persistently low interest rates can also have the effect of flattening the yield curve in the market more generally, which could reduce the premium generated by BNPP from its funding activities. A flattening yield curve can also influence financial institutions to engage in riskier activities in an effort to earn the desired level of returns, which can increase overall market

risk and volatility. Low interest rates may also affect the profitability and even the solvency of the insurance activities of French banks, including BNPP, particularly due to the prevalence in the market of life insurance contracts backed by euro-denominated funds, which may not be able to generate sufficient returns to be competitive with other investment products. Low interest rates may also adversely affect commissions charged by BNPP's asset management subsidiaries on money market and other fixed income products. A reduction in credit spreads and decline in retail banking income resulting from lower portfolio interest rates may adversely affect the profitability of BNPP's retail banking operations.

On the other hand, the end of a period of prolonged low interest rates, in particular due to the normalisation and tightening of monetary policy (as already initiated by some central banks and expected by the market) following the long period of accommodative monetary policies, or more generally, an economic recovery, or inflation at a higher level or lasting longer than expected by central banks, would also carry risks. If market interest rates were to rise generally, a portfolio featuring significant amounts of lower interest loans and fixed income assets would be expected to decline in value. If BNPP's hedging strategies are ineffective or provide only a partial hedge against such a change in value, BNPP could incur losses. Any sharper or more rapid than expected tightening could have a negative impact on the economic recovery, and consequently, the envisaged tightening of monetary policy could be delayed in some currency areas, such as the euro-zone, to reduce the risk of recession caused by the economic situation and the war in Ukraine. On the lending side, it could in particular cause stress in loan and bond portfolios, possibly leading to an increase in non-performing exposures and defaults. More generally, the reduction of accommodative monetary policies (already initiated by some central banks after a period of substantial liquidity infusions from asset purchases) by central banks may, even if implemented progressively, lead to severe corrections in certain markets or asset classes (e.g. non-investment grade corporate and sovereign borrowers, certain sectors of equities and real estate) that particularly benefitted (including from very low risk premia as compared to historical averages) from the prolonged low interest rate and high liquidity environment, and such corrections could potentially be contagious to financial markets generally, including through substantially increased volatility.

### 5.3 *Given the global scope of its activities, BNPP is exposed to country risk and to changes in the political, macroeconomic or financial contexts of a region or country.*

BNPP is subject to country risk, meaning the risk that economic, financial, political or social conditions in a given foreign country in which it operates could adversely affect BNPP's operations, its results, its financial condition or its business. BNPP monitors country risk and takes it into account in the fair value adjustments and cost of risk recorded in its financial statements. However, a significant change in political or macroeconomic environments may require it to record additional charges or to incur losses beyond the amounts previously written down in its financial statements. In addition, factors specific to a country or region in which BNPP operates could make it difficult for it to carry out its business and lead to losses or impairment of assets.

At 31 December 2021, BNPP's loan portfolio consisted of receivables from borrowers located in France (32%), Belgium and Luxembourg (16%), Italy (9%), other European countries (19%), North America, including Bank of the West (13%), Asia (6%) and the rest of the world (5%). Adverse conditions that particularly affect these countries and regions would have a significant impact on BNPP. In addition, BNPP has significant exposures in countries outside the OECD, which are subject to risks that include political instability, unpredictable regulation and taxation, expropriation and other risks that are less present in more developed economies.

In addition, BNPP is present in Ukraine, a country invaded in February 2022 and which has been a war zone since then, through its subsidiary UkrSibbank in which it holds a 60% stake alongside the European Bank for Reconstruction and Development (40%). At 31 December 2021, UkrSibbank's balance sheet totaled approximately 0.08% of that of BNPP. The total equity of the subsidiary represented approximately 0.15% of consolidated equity of BNPP's share. At 31 December 2021, BNPP generated less than 0.5% of its pre-tax profit

in Ukraine (see Chapter 8.6 (Information on locations and businesses in 2021) of the BNPP 2021 Universal Registration Document (in English)). BNPP's total gross on- and off-balance sheet exposures to Ukraine (which are concentrated on UkrSibbank) represented less than 0.09% of BNPP's gross exposures. The war in Ukraine has profoundly changed the continuing operations of local banks, which – since 24 February 2022 – are focused on the provision of payment instruments and services critical to the economy within the framework of the new regulations introduced by the Ukrainian central bank. In this context, BNPP has estimated that as of 31 March 2022, it exerts significant influence over UkrSibbank within the meaning of the applicable accounting standards. Consequently, in accordance with applicable accounting standards, BNPP has recorded, as of 31 March 2022, a 90% impairment of its shares in UkrSibbank amounting to EUR -159 million, as well as a loss of EUR 274 million relating to the recycling of the conversion reserve.

With regard to Russia, which is subject to severe economic sanctions imposed notably by the European Union, the United States and the United Kingdom, gross on- and off- balance sheet exposures represented less than 0.07% of BNPP's gross exposures. The amount of net residual exposures, both in Russia and Ukraine, is more limited given the way in which BNPP operates in these two markets and how it secures its activities, with guarantees and collateral. In addition, various customers or counterparties of BNPP, in particular financial institutions and corporates, conduct business in these countries or have exposure to borrowers in these countries or have significant suppliers in those countries and could see their financial position weakened by the conflict and its consequences, particularly due to the cessation of their business in Ukraine and/or Russia or the reduction or termination (voluntarily or involuntarily) of their supplies from these countries. BNPP is closely monitoring developments in the situation in conjunction with the authorities concerned and, in particular, the reactions of the international community with regard to economic sanctions.

## 6. Regulatory Risks

### 6.1 *Laws and regulations adopted in recent years, as well as current and future legislative and regulatory developments, may significantly impact BNPP and the financial and economic environment in which it operates.*

Laws and regulations have been enacted in the past few years, in particular in France, Europe and the United States, with a view to introducing a number of changes, some permanent, in the financial environment. The impact of the measures has changed substantially the environment in which BNPP and other financial institutions operate.

The measures that have been adopted include:

- more stringent capital and liquidity requirements (particularly for global systemically important banks such as BNPP), as well as changes to the risk-weighting methodologies and the methods of using internal models that have led, could have led or could lead to increased capital requirements;
- restrictions on certain types of activities considered as speculative undertaken by commercial banks that are prohibited or need to be ring fenced in subsidiaries (particularly proprietary trading) and are subject to prudential requirements and autonomous funding;
- prohibitions or restrictions on fees for certain types of financial products or activities;
- enhanced recovery and resolution regimes, in particular the Bank Recovery and Resolution Directive of 15 May 2014 (the "**BRRD**"), as amended from time to time, which strengthens powers to prevent and resolve banking crises in order to ensure that losses are borne largely by the creditors and shareholders of the banks and in order to keep the costs incurred by taxpayers to a minimum;
- the establishment of the national resolution funds by the BRRD and the creation of the Single Resolution Board (the "**SRB**") by the European Parliament and Council of the European Union in a

## RISKS

resolution dated 15 July 2014 (the "**SRM Regulation**"), as amended from time to time, which can initiate resolution proceedings for banking institutions such as BNPP, and the Single Resolution Fund (the "**SRF**"), the financing of which by BNPP (up to its annual contribution) can be significant;

- the establishment of national deposit guarantee schemes and a proposed European deposit guarantee scheme or deposit insurance which will gradually cover all or part of the guarantee schemes of participating countries;
- increased internal control and reporting requirements with respect to certain activities;
- the implementation of regulatory stress tests (including in relation to climate change risk) which could lead to additional regulatory capital requirements (see Chapter 5.7 (*Market Risk Stress Testing Framework*) in the BNPP 2021 Universal Registration Document (in English));
- greater powers granted to the relevant authorities to combat money laundering and terrorism financing;
- more stringent governance and conduct of business rules and restrictions and increased taxes on employee compensation over specified levels;
- measures to improve the transparency, efficiency and integrity of financial markets and in particular the regulation of high frequency trading, more extensive market abuse regulations, increased regulation of certain types of financial products including mandatory reporting of derivative and securities financing transactions, requirements either to mandatorily clear, or otherwise mitigate risks in relation to, OTC derivative transactions (including through posting of collateral in respect of non-centrally cleared derivatives);
- the taxation of financial transactions;
- enhanced protection of personal data and cybersecurity requirements;
- enhanced disclosure requirements, including through the introduction of new disclosure requirements on (i) how banking groups providing asset management services, such as BNPP, integrate sustainability risks, negative impacts, sustainable investment objectives or the promotion of environmental or social attributes when making investment decisions, and (ii) how and to what extent banking groups themselves finance or develop economic activities that can be considered environmentally sustainable as defined in the European Taxonomy;
- the introduction of new requirements for the integration of climate risk into the risk measurement and management systems of banking groups, including through the publication of proposals for banks to manage and disclose climate risk; and
- strengthening the powers of supervisory bodies, such as the French Prudential Supervision and Resolution Authority (the "**ACPR**") and the creation of new authorities, including the adoption of the Single Resolution Mechanism (the "**SRM**") in October 2013, pursuant to which BNPP is under the direct supervision of the ECB.

These measures may have a significant adverse impact. For example, the introduction of a required contribution to the Single Resolution Fund resulted in a substantial additional expense for BNPP (BNPP made a €967 million contribution to the SRF in 2021).

Measures relating to the banking sector could be further amended, expanded or strengthened. Moreover, additional measures could be adopted in other areas. It is impossible to predict what additional measures will be adopted or what their exact content will be, and, given the complexity of the issues and the uncertainty

surrounding them, to determine their impact on BNPP. The effect of these measures, whether already adopted or that may be adopted in the future, has been and could continue to be a decrease in BNPP's ability to allocate its capital and capital resources to financing, limit its ability to diversify risks, reduce the availability of certain financing and liquidity resources, increase the cost of financing, increase the cost of compliance, increase the cost or reduce the demand for the products and services offered by BNPP, require BNPP to proceed with internal reorganizations, structural changes or reallocations, affect the ability of BNPP to carry on certain activities or to attract and/or retain talent and, more generally, affect its competitiveness and profitability, which could have an impact on its activities, financial condition and operating results. As a recent example, on 27 October 2021 the European Commission presented a legislative package to finalise the implementation within the European Union of the Basel III agreement adopted by the Group of Central Bank Governors and Heads of Supervision ("**GHOS**") on 7 December 2017. This legislative package will in the next stage be discussed by the European Parliament and Council with a view to agreeing on a final text. In the impact assessment accompanying the legislative package, the European Commission estimated, on the basis of a European Banking Authority ("**EBA**") impact study dated December 2020 and of additional European Commission estimates for some EU-specific adjustments, that the implementation of the final Basel III standards may result in an average increase in total minimum capital requirements ranging between 6.4% and 8.4% after a full implementation of the reform. On the basis of the EBA's updated impact analysis taking into account the combined effect of the reform and the potential consequences of the health crisis, the European Commission opted to apply the new capital requirements to EU banks as of 1 January 2025, with a phase-in period during which the requirements will be gradually increased through 2030 (and 2032 for certain requirements). On this basis, BNPP has indicated a potential increase of 8% in its risk-weighted assets at the date of the first application announced for 1 January 2025, which implies a potential 8% increase in total minimum capital requirements resulting from the finalization of Basel III (fully loaded). This estimate is subject to change depending on potential changes in the draft text, in BNPP and in the macroeconomic context.

BNPP is subject to extensive and evolving regulatory regimes in the jurisdictions in which it operates. BNPP faces the risk of changes in legislation or regulation in all of the countries in which it operates, including, but not limited to, the following:

- monetary, liquidity, interest rate and other policies of central banks and regulatory authorities;
- changes in government or regulatory policy that may significantly influence investor decisions, in particular in the markets in which BNPP operates;
- changes in regulatory requirements applicable to the financial industry, such as rules relating to applicable governance, remunerations, capital adequacy and liquidity frameworks, restrictions on activities considered as speculative and recovery and resolution frameworks;
- changes in securities regulations as well as in financial reporting, disclosure and market abuse regulations;
- changes in the regulation of certain types of transactions and investments, such as derivatives and securities financing transactions and money market funds;
- changes in the regulation of market infrastructures, such as trading venues, central counterparties, central securities depositories, and payment and settlement systems;
- changes in the regulation of payment services, crowdfunding and fintech;
- changes in the regulation of protection of personal data and cybersecurity;
- changes in tax legislation or the application thereof;

- changes in accounting norms;
- changes in rules and procedures relating to internal controls, risk management and compliance; and
- expropriation, nationalization, price controls, exchange controls, confiscation of assets and changes in legislation relating to foreign ownership.

These changes, the scope and implications of which are highly unpredictable, could substantially affect BNPP and have an adverse effect on its business, financial condition and results of operations. Certain reforms not directed specifically at financial institutions, such as measures relating to the funds industry or promoting technological innovation (such as open data projects), could facilitate the entry of new players in the financial services sector or otherwise affect BNPP's business model, competitiveness and profitability, which could in turn affect its financial condition and results of operations.

Finally, the accommodative policies implemented temporarily by national and European regulatory authorities in the context of the health crisis have either lapsed or are expected to lapse gradually, although their remaining course is not currently certain (see risk factor 7.1 "*Epidemics and pandemics, including the ongoing coronavirus (COVID-19) pandemic and their economic consequences may adversely affect BNPP's business, operations, results and financial condition*" below).

## 6.2 *BNPP may incur substantial fines and other administrative and criminal penalties for non-compliance with applicable laws and regulations, and may also incur losses in related (or unrelated) litigation with private parties.*

BNPP is exposed to regulatory compliance risk, i.e. the failure to comply fully with the laws, regulations, codes of conduct, professional norms or recommendations applicable to the financial services industry. This risk is exacerbated by the adoption by different countries of multiple and occasionally diverging and even conflicting legal or regulatory requirements. Besides damage to BNPP's reputation and private rights of action (including class actions), non-compliance could lead to material legal proceedings, fines and expenses (including fines and expenses in excess of recorded provisions), public reprimand, enforced suspension of operations or, in extreme cases, withdrawal by the authorities of operating licenses. This risk is further exacerbated by continuously increasing regulatory scrutiny of financial institutions as well as substantial increases in the quantum of applicable fines and penalties. Moreover, litigation by private parties against financial institutions has substantially increased in recent years. Accordingly, BNPP faces significant legal risk in its operations, and the volume and amount of damages claimed in litigation, regulatory proceedings and other adversarial proceedings against financial services firms have substantially increased in recent years and may increase further. BNPP may record provisions in this respect as indicated in Note 4.m "Provisions for contingencies and charges" to the consolidated financial statements for the period ended 31 December 2021, which are set out in the BNPP 2021 Universal Registration Document (in English).

In this respect, on 30 June 2014 BNPP entered into a series of agreements with, and was the subject of several orders issued by, U.S. federal and New York state government agencies and regulatory authorities in settlement of investigations into violations of U.S. laws and regulations regarding economic sanctions. The fines and penalties imposed on BNPP as part of this settlement included, among other things, the payment of monetary penalties amounting in the aggregate to \$8.97 billion (€6.6 billion) and guilty pleas by BNP Paribas S.A., the parent company of BNPP, to charges of having violated U.S. federal criminal law and New York State criminal law. Following this settlement, BNPP remains subject to increased scrutiny by regulatory authorities (including via the presence of an independent consultant within BNPP) who are monitoring its compliance with a remediation plan agreed with them.



BNPP is currently involved in various litigations and investigations as summarised in Note 7.b "Contingent liabilities: legal proceedings and arbitration" to the consolidated financial statements for the period ended 31 December 2021, which are set out in the BNPP 2021 Universal Registration Document (in English). It may become involved in further such matters at any point. No assurance can be given that an adverse outcome in one or more of such matters would not have a material adverse effect on BNPP's operating results for any particular period.

**6.3** *BNPP could experience an unfavourable change in circumstances, causing it to become subject to a resolution proceeding: holders of securities of BNPP could suffer losses as a result.*

The BRRD, the SRM Regulation and the Ordinance of 20 August 2015, each as amended from time to time, confer upon the ACPR or the SRB the power to commence resolution proceedings for a banking institution, such as BNPP, with a view to ensuring the continuity of critical functions, avoiding the risks of contagion and recapitalizing or restoring the viability of the institution. These powers are to be implemented so that, subject to certain exceptions, losses are borne first by shareholders, then by holders of additional capital instruments qualifying as tier 1 and tier 2 (such as subordinated bonds), then by the holders of non-preferred senior debt and finally by the holders of senior preferred debt, all in accordance with the order of their claims in normal insolvency proceedings. For reference, BNPP's medium- to long-term wholesale financing at 31 December 2021 consisted of the following: €10 billion of hybrid Tier 1 debt, €23 billion of Tier 2 subordinated debt, €70 billion of senior unsecured non-preferred debt, €69 billion of senior unsecured preferred debt and €17 billion of senior secured debt.

Resolution authorities have broad powers to implement resolution measures with respect to institutions and groups subject to resolution proceedings, which may include (without limitation): the total or partial sale of the institution's business to a third party or a bridge institution, the separation of assets, the replacement or substitution of the institution as obligor in respect of debt instruments, the full or partial write down of capital instruments, the dilution of capital instruments through the issuance of new equity, the full or partial write down or conversion into equity of debt instruments, modifications to the terms of debt instruments (including altering the maturity and/or the amount of interest payable and/or imposing a temporary suspension on payments), discontinuing the listing and admission to trading of financial instruments, the dismissal of managers or the appointment of a special manager (*administrateur spécial*).

Certain powers, including the full or partial write down of capital instruments, the dilution of capital instruments through the issuance of new equity, the full or partial write down or conversion into equity of additional capital instruments qualifying as tier 1 and tier 2 (such as subordinated bonds), can also be exercised as a precautionary measure, outside of resolution proceedings and/or pursuant to the European Commission's State Aid framework if the institution requires exceptional public financial support.

The implementation of these tools and powers with respect to BNPP may result in significant structural changes to BNPP (including as a result of asset or business sales or the creation of bridge institutions) and in a partial or total write down, modification or variation of claims of shareholders and creditors. Such powers may also result, after any transfer of all or part of BNPP's business or separation of any of its assets, in the holders of securities (even in the absence of any such write down or conversion) being left as the creditors of BNPP whose remaining business or assets are insufficient to support the claims of all or any of the creditors of BNPP.

## **7. Risks related to BNPP's growth in its current environment**

**7.1** *Epidemics and pandemics, including the ongoing coronavirus (COVID-19) pandemic and their economic consequences may adversely affect BNPP's business, operations, results and financial condition.*

## RISKS

A global pandemic linked to a novel strain of coronavirus (COVID-19) has severely disrupted economies and financial markets worldwide since 2020. The introduction of lockdown measures and other restrictions initially caused economies in many regions to contract, trade to decline, production capacity to decrease, growth forecasts to be cut and supply chains to be disrupted. In a second phase, the rollout of vaccination campaigns and the adaptation of economic actors allowed the gradual adaptation of these measures and restrictions, leading to a recovery in economic activity. As a result, various growth forecasts converge on a strong economic recovery. For example, according to the January 2022 estimates and projections of the International Monetary Fund (the "IMF"), world economic growth is expected to be 5.9 % in 2021 and 4.4 % in 2022.

Nevertheless, uncertainties remain as to the strength and sustainability of the recovery, both in terms of the public health situation (e.g., the appearance of new strains of the virus) and the economy, which could lead to doubts as to the extent and durability of the recovery. In this respect, the outlook for 2022 was lowered for both emerging and developing countries, as well as for advanced countries, compared to the IMF projections published in October 2021. Various complicating factors will affect the trajectory of economic recovery. International supply chains, which had been strained severely by pandemic-related mobility restrictions, remain heavily disrupted, generating shortages of certain consumer goods (such as a dearth of semiconductors causing delays in the production of telephones and automobiles) and oil and gas supply and labour market constraints, having both specific (for example, raw materials price increases) and general (inflation rate) effects on prices.

Further, while various governments and central banks implemented and supplemented measures to support the economy and its recovery (to mitigate the adverse economic and market consequences of the pandemic) there can be no assurance that such measures will suffice to redress the pandemic's negative impact on the regional or global economy over time, entirely compensate for or mitigate regional or global recessions (which occurred and could reoccur), or fully and over time prevent possible disruptions to the financial markets.

The lifting of government support measures could also harm economic activity and the financial strength of economic actors. Overall, the crisis has impacted and may continue to impact the economies of the principal countries where the Group operates, particularly its domestic markets (France, Italy, Belgium and Luxembourg), which collectively represented 57% of its total gross credit exposures as of 31 December 2021. The Group's results and financial condition have been and could continue to be adversely impacted by the effects of the crisis related to the pandemic and the resulting disruption of economic activity in the Group's principal markets. In particular, the crisis significantly affected the Group's cost of risk in 2020, reflecting macroeconomic projections based on various scenarios applying the framework in place prior to the crisis. Under this framework, macroeconomic projections (specifically GDP estimates and forecasts) are key to calculating the cost of risk and the consequences of the health crisis included a decrease in GDP growth estimates for many of the Group's markets. The cost of risk calculation also takes into account the specific dynamics of the crisis in 2020, along with anticipated future impacts on credit and counterparty risk, including the consequences of lockdown measures on economic activity and the impact of government support measures and decisions. These factors contributed to the substantial increase in the Group's cost of risk in 2020 (66 basis points).

The 2021 financial year showed an improvement with an increase in revenues of 4.4% to €46,235 million and an increase in net income attributable to the Group due to the increase in Domestic Markets revenues (+5.2% compared to 2020) with the rebound of the economy and the resilience of CIB revenues (+3.4% compared to 2020), but also by the decrease in the cost of risk (-48.8% compared to 2020), particularly in connection with improving economic forecasts. Nevertheless, revenues in the International Financial Services businesses remain impacted by the consequences of the health crisis (-1.2% compared to 2020).

Developments in the current health crisis and market conditions have characteristics that could increase the probability and magnitude of various existing risks faced by the Group such as:

- (a) pressure on revenues due in particular to:

- (i) prolongation of the low interest rate environment; and
- (ii) lower revenues from fees and commissions;
- (b) renewed heightened risk linked to an economic slowdown due to inflationary pressures (energy prices, labour market tensions), supply chain disruption or withdrawal of government support measures;
- (c) risk of financial market disruption in the event of poorly anticipated changes in monetary policies; and
- (d) higher risk-weighted assets due to the deterioration of risk parameters, hence affecting the Group's capital position.

The Group's results and financial condition could also be harmed by negative trends in the financial markets, to the extent that the pandemic initially caused extreme market conditions (such as, volatility spikes, a sharp drop in equity markets, tensions on spreads, specific asset markets on hold). Uncertainties about the scope and durability of the economic recovery, the easing or strengthening of government support measures, and the pressures linked to supply chains and raw material procurement have generated and could generate unfavourable market conditions. Thus, unfavourable market conditions have had and could have an adverse impact on the Group's market activities, which accounted for 14.8% of its consolidated revenues in 2021, resulting in trading or other market-related losses, as seen in 2020, following restrictions implemented on short-selling and dividend distributions (notably €184 million in the first quarter of 2020 related to the European authorities' restrictions on 2019 dividends). Further, certain of the Group's investment portfolios (for example, in its insurance subsidiaries) are accounted for on a mark-to-market basis and were impacted by adverse market conditions, particularly in the second quarter of 2020 and could continue to be impacted again in the future.

The extent to which the short, medium and long-term economic consequences of the pandemic will continue to affect the Group's results and financial condition will depend largely on:

- (a) the intensity and duration of restrictive measures that have been put in place or their periodic reintroduction, depending on the evolution of the health situation;
- (b) the timing and extent of a return to pre-pandemic lifestyles, business operations and economic interactions;
- (c) the effects of the measures taken to date or future measures that may be taken by governments and central banks to attenuate the economic fallout of the pandemic or the terms and conditions for lifting these measures; and
- (d) the duration and extent of the pandemic's remaining course, including the prospect of new waves or the appearance of new strains of the virus and, consequently, a reinstatement or strengthening of lockdown measures or other restrictions, such as in relation to travel, in the Group's various markets, as well as the pace and mechanisms of deployment of immunisation programmes. In addition, while the actions of European Union and member states' authorities (in particular, central banks and governments) in response to the pandemic have to date helped and may well continue to help attenuate its adverse economic and market consequences, the authorities have also issued and may continue to issue additional restrictions or recommendations in respect of banks' actions. In particular, in 2020 and 2021 they limited banks' flexibility in managing their business and taking action in relation to capital distribution, capital allocation and compensation policies.

Due to the unprecedented environment generated by the COVID-19 crisis, various pandemic-related uncertainties around public health, society and the economy persist. The consequences for the Group will depend

on the duration of the impact of the crisis, the measures taken by governments and central banks and the ability of society to recover, and are therefore difficult to predict.

- 7.2 *Should BNPP fail to implement its strategic objectives or to achieve its published financial objectives or should its results not follow stated expected trends, the trading price of its securities could be adversely affected.*

In connection with its annual results announced on 8 February 2022, BNPP announced a strategic plan for the 2022-2025 period. The plan includes financial and operational objectives, on a constant scope basis, as well as the expected impact of the redeployment of proceeds from the sale of Bank of the West, after adjusting for the dilutive effect of the disposal on BNPP's results. BNPP's actual results could vary significantly from these trends for a number of reasons, including the occurrence of one or more of the risk factors described elsewhere in this section, in particular, as a result of the consequences of the COVID-19 health crisis which have had and could continue to have major repercussions on the economic outlook and cause financial market disruptions. If BNPP's results do not follow these trends, its financial condition and the value of its securities, as well as its financing costs, could be affected.

Additionally, BNPP is pursuing an ambitious Corporate Social Responsibility ("**CSR**") policy and is committed to making a positive impact on society with concrete achievements. In 2021, BNPP strengthened its commitment to a sustainable economy and accelerated decarbonisation strategies, with the signing of the Net Zero Banking Alliance, the Net Zero Asset Owner Alliance, and the Net Zero Asset Managers Initiative. BNPP is thus taking strong positions, as a founding member of the United Nations Principles for Responsible Banking, which commits it to align its strategy with the Paris Agreement and the Sustainable Development Goals ("**SDGs**"). As part of BNPP's 2022-2025 strategic plan, it aims to mobilise €350 billion in ESG-related loans and bond issuances (loans to companies, institutions and individuals covering environmental and social issues and annual sustainable bond issuances) and to have €300 billion in sustainable responsible investments under management by 2025 (for example, BNP Paribas Asset Management's open-ended funds distributed in Europe and classified as funds that promote ESG characteristics or funds that have a sustainability objective for the purposes of the Sustainable Finance Disclosure Regulation ("**SFDR**"). If BNPP fails to meet these targets, which depend in part on factors beyond its control, its reputation could be harmed.

- 7.3 *BNPP may experience difficulties integrating businesses following acquisition transactions and may be unable to realize the benefits expected from such transactions.*

BNPP engages in acquisition and combination transactions on a regular basis. BNPP's most recent major such transactions were the integration of BNPP's Prime Services and Electronic Equities platform with Deutsche Bank in 2019, the acquisition of 100% of Exane, previously 50% owned by BNPP, finalised on 13 July 2021 and the acquisition of 100% of Floa, a subsidiary of Casino and Crédit Mutuel Alliance Fédérale (via the Banque Fédérative du Crédit Mutuel - BFCM) and one of the French leaders in innovative payments, finalised on 1 February 2022. These operational integration activities resulted, in 2021, in restructuring costs of €164 million. Successful integration and the realization of synergies require, among other things, proper coordination of business development and marketing efforts, retention of key members of management, policies for effective recruitment and training as well as the ability to adapt information and computer systems. Any difficulties encountered in combining operations could result in higher integration costs and lower savings or revenues than expected. There will accordingly be uncertainty as to the extent to which anticipated synergies will be achieved and the timing of their realization. Moreover, the integration of BNPP's existing operations with those of the acquired operations could interfere with its respective businesses and divert management's attention from other aspects of BNPP's business, which could have a negative impact on BNPP's business and results. In some cases, moreover, disputes relating to acquisitions may have an adverse impact on the integration process or have other adverse consequences, including financial ones.

Although BNPP undertakes an in-depth analysis of the companies it plans to acquire, such analyses often cannot be complete or exhaustive. In the event that BNPP is unable to conduct comprehensive due diligence prior to an acquisition, it may acquire doubtful or troubled assets or businesses that may be unprofitable or have certain potential risks that only materialise after the acquisition. The acquisition of an unprofitable business or a business with materialised risks may have a significant adverse effect on BNPP's overall profitability and may increase its liabilities.

### 7.4 *BNPP's current environment may be affected by the intense competition amongst banking and non-banking operators, which could adversely affect BNPP's revenues and profitability.*

Competition is intense in all of BNPP's primary business areas in France and the other countries in which it conducts a substantial portion of its business, including other European countries and the United States. Competition in the banking industry could intensify as a result of consolidation in the financial services area, as a result of the presence of new players in the payment and the financing services area or the development of crowdfunding platforms, as well as the continuing evolution of consumer habits in the banking sector. While BNPP has launched initiatives in these areas, such as the debut of Hello bank! and its acquisitions of Nickel and Floa, competitors subject to less extensive regulatory requirements or to less strict capital requirements (e.g., debt funds, shadow banks), or benefiting from economies of scale, data synergies or technological innovation (e.g., internet and mobile operators, digital platforms, fintechs) or free access to customer financial data could be more competitive by offering lower prices and more innovative services to address the new needs of consumers. New technologies that facilitate or transform transaction processes and payment systems, such as blockchain technologies and related services, or that could significantly impact the fundamental mechanisms of the banking system, such as central bank digital currencies ("**CBDC**"), have been developed in recent years or could be developed in the near future. While it is difficult to predict the effects of these developments and the regulations that apply to them, the use of such technology could nevertheless reduce the market share of banks, including BNPP, secure investments that otherwise would have used technology used by more established financial institutions, such as BNPP or, more broadly, lead to the emergence of a different monetary system in which the attractiveness of using established financial institutions, such as BNPP, would be affected. If such developments continue to gain momentum, particularly with the support of governments and central banks, and if BNPP is unable to respond to the competitive environment in France or in its other major markets by offering more attractive, innovative and profitable product and service solutions than those offered by current competitors or new entrants or if some of these activities were to be carried out by institutions other than banks, it may lose market share in key areas of its business or incur losses on some or all of its activities. In addition, downturns in the economies of its principal markets could add to the competitive pressure, through, for example, increased price pressure and lower business volumes for BNPP and its competitors. It is also possible that the imposition of more stringent requirements (particularly capital requirements and business restrictions) on large or systemically significant financial institutions, that new players may not be subject to, could lead to distortions in competition in a manner adverse to large private sector institutions such as BNPP.

### 7.5 *BNPP could experience business disruption and losses due to climate change risks such as transition risks, physical risks or liability risks.*

BNPP is exposed to risks related to climate change, either directly through its own operations or indirectly through its financing and investment activities. There are two main types of risks related to climate change: (i) transition risks, which result from changes in the behaviour of economic and financial actors in response to the implementation of energy policies or technological changes; (ii) physical risks, which result from the direct impact of climate change on people and property through extreme weather events or long-term risks such as rising water levels or increasing temperatures. In addition, liability risks may arise from both categories of risk. They correspond to the damages that a legal entity would have to pay if it were found to be responsible for global warming. BNPP is progressively integrating the assessment of these risks into its risk management system.

BNPP monitors these risks in the conduct of its business, in the conduct of its counterparties' business, and in its investments on its own behalf and on behalf of third parties. In this respect, the specific credit policies and the General Credit Policy have been enhanced since 2012 and 2014 respectively, with the addition of relevant clauses in terms of social and environmental responsibility. In addition, sector-specific policies and policies excluding certain environmental, social and governance ("ESG") sectors from financing have also been put in place. In 2019, as part of the fight against climate change, BNPP made new commitments to reduce its exposure to thermal coal to zero by 2030 in the OECD and by 2040 for the rest of the world. BNPP is thus taking strong positions, as a founding member of the United Nations Principles for Responsible Banking, which commits it to align its strategy with the Paris Agreement and the SDGs. As part of BNPP's 2022-2025 strategic plan, it aims to mobilize €350 billion in ESG-related loans and bond issuances (loans to companies, institutions and individuals covering environmental and social issues and annual sustainable bonds issuances) and to have €300 billion in sustainable responsible investments under management by 2025 (for example, BNP Paribas Asset Management's open-ended funds distributed in Europe and classified as funds that promote ESG characteristics or funds that have a sustainability objective for the purposes of SFDR). By the end of 2015, BNPP had already significantly strengthened its criteria for financing and investing in the coal sector, and in 2017, it was the first bank to announce the cessation of its financing activities for companies that derive most of their revenues from non-conventional hydrocarbons, measures that remain to date among the most advanced in the sector. These decisions are also reflected in the energy mix that BNPP finances. BNPP also supports its clients, both individuals and businesses, in their transition to a low-carbon economy. BNPP also aims to reduce the environmental footprint of its own operations. Despite the actions taken by BNPP to monitor risks and combat climate change, physical, transition or liability risks related to climate change could disrupt business or lead to losses.

## 7.6 *Changes in certain holdings in credit or financial institutions could have an impact on BNPP's financial position.*

Certain classes of assets may carry a high risk-weight of 250%. These assets include: credit or financial institutions consolidated under the equity method within the prudential scope, (excluding insurance); significant financial interest in credit or financial institutions in which BNPP holds a stake of more than 10%; and deferred tax assets that rely on future profitability and arise from temporary differences.

The risk-weighted assets carrying a risk-weight of 250% amounted to €18 billion at 31 December 2021, or 2% of the total risk-weighted assets of BNPP. If BNPP increases the amount of heavy risk-weighted assets (either by increasing the proportion of such heavy risk-weighted assets in its overall asset portfolio or due to an increase of the regulatory risk-weighting applicable to these assets), its capital adequacy ratios may be lowered.

## **Risk Factors Relating to BNPP B.V.**

The main risks described above in relation to BNPP also represent the main risks for BNPP B.V., either as an individual entity or a company of the BNPP Group.

### *Dependency Risk*

BNPP B.V. is an operating company. The assets of BNPP B.V. consist of the obligations of other BNPP Group entities. In respect of securities it issues, the ability of BNPP B.V. to meet its obligations under such securities depends on the receipt by it of payments under certain hedging agreements that it enters with other BNPP Group entities. Consequently, Holders of Securities issued by BNPP B.V. will, subject to the provisions of the Guarantee issued by BNPP, be exposed to the ability of BNPP Group entities to perform their obligations under such hedging agreements and may suffer losses should these entities fail to satisfy their obligations.

More generally, the creditworthiness of BNPP B.V. depends on the creditworthiness of BNPP. In the case of bankruptcy proceedings of BNPP B.V. or any other similar proceedings affecting the Issuer, Holders of securities will become creditors of BNPP pursuant to the relevant guarantee granted by BNPP. Holders should also refer to risk factor "6.3 *BNPP could experience an unfavourable change in circumstances, causing it to become subject to a resolution proceeding: holders of securities of BNPP could suffer losses as a result.*" above for a description of the impact of resolution on the BNPP Group.

#### *Credit risk*

BNPP B.V. has significant concentration of credit risks, as its issuances are hedged through OTC transactions with its parent company, BNPP, and other BNPP Group entities. Such credit risks amount to the total size of its balance sheet (EUR 87,077,359,155 as at 31 December 2021). Therefore, if BNPP or any other BNPP Group entity fails to satisfy its obligations in respect of any such transaction, Holders of Securities issued by BNPP B.V. may suffer losses.

### **RISK FACTORS RELATING TO SECURITIES**

A number of the risks described below may be relevant to a specific Series of Securities, depending on the terms of those Securities. The effect of this compounding of risks is likely to increase the volatility of the Securities and increase the possibility that a Holder loses some or all of their investment or does not receive the anticipated return.

#### **Risks Relating to the Structure of the Securities**

##### *Risks associated with specific types of products*

(a) Risks associated with ETS Products:

(i) Risks associated with Capital Protection Products

The return on the Securities depends on the performance of the Underlying Reference(s) and whether knock-out and/or automatic early redemption features apply. As a consequence, investors may be exposed to a partial loss of their investment.

(ii) Risks associated with Yield Enhancement Products

The return on the Securities depends on the performance of the Underlying Reference(s) and whether a cap, knock-out and/or automatic early redemption features apply. As a consequence, investors may be exposed to a partial or total loss of their investment.

(iii) Risks associated with Participation Products

The return on the Securities depends on the performance of the Underlying Reference(s) and whether knock-in, knock-out and/or automatic early redemption features apply. As a consequence, investors may be exposed to a partial or total loss of their investment.

(iv) Risks associated with Leverage Products

The return on the Securities depends on the performance of the Underlying Reference(s) and whether knock-in, knock-out and/or automatic early redemption features apply. Additionally, the return may depend on other market factors such as interest rates, the implied volatility of the Underlying Reference(s) and the time remaining until redemption. The effect of leverage on the Securities may be either positive or negative (see "*Risk of leveraged exposure*" below). As a consequence, investors may be exposed to a partial or total loss of their investment.

(v) Risks associated with Constant Leverage Products

## RISKS

The return on the Securities depends on the daily performance of the Underlying Reference(s) and the operation of an automatic early redemption feature. Constant Leverage Products are generally suited to short term investments intraday or over a few days. Investments held for a longer period of time may be affected by volatile market conditions which may have a negative impact on the performance of the Underlying Reference(s) (see "*Risks associated with Constant Leverage Securities*" below). As a consequence, investors may be exposed to a partial or total loss of their investment.

(b) Risks associated with SPS Products:

(i) Risks associated with Reverse Convertible Products

The return on the Securities depends on the performance of the Underlying Reference(s) and whether a knock-in event occurs. As a consequence, investors may be exposed to a partial or total loss of their investment.

(ii) Risks associated with Vanilla Products

The return depends on the performance of the Underlying Reference(s) and whether knock-in or knock-out features apply. As a consequence, investors may be exposed to a partial or total loss of their investment.

(iii) Risks associated with Asian Products

The return on the Securities depends on the performance of the Underlying Reference(s), which is determined using an averaging method. The return will also depend on whether specific features, such as a cap, a floor or lock-in, apply. As a consequence, investors may be exposed to a partial or total loss of their investment.

(iv) Risks associated with Auto-callable Products

The return on the Securities depends on the performance of the Underlying Reference(s) and whether knock-in or knock out features apply. Auto-callable Products include automatic early redemption mechanisms. Depending on the applicable formula, if an automatic early redemption event occurs investors may be exposed to a partial loss of their investment. As a consequence, investors may be exposed to a partial or total loss of their investment.

(v) Risks associated with Indexation Products

The return on the Securities depends on the performance of the Underlying Reference(s) and whether knock-in, knock-out and/or automatic early redemption features apply. Depending on the applicable formula, if an automatic early redemption event occurs investors may be exposed to a partial loss of their investment. As a consequence, investors may be exposed to a partial or total loss of their investment.

(vi) Risks associated with Ratchet Products

The return on the Securities depends on the performance of the Underlying Reference(s) and is calculated based on the sum of returns determined on a given formula (which can be capped and/or floored). As a consequence, investors may be exposed to a partial or total loss of their investment.

(vii) Risks associated with Sum Products



## RISKS

The return on the Securities depends on the performance of the Underlying Reference(s) and is calculated based on the weighted sum of returns determined using different payout formulae. As a consequence, investors may be exposed to a partial or total loss of their investment.

(viii) Risks associated with Option Max Products

The return on the Securities depends on the performance of the Underlying Reference(s) and is calculated based on the maximum return determined using different payout formulae. As a consequence, investors may be exposed to a partial or total loss of their investment.

(ix) Risks associated with Stellar Products

The return on the Securities depends on the performance of a basket of Underlying References and is calculated based on the average returns of each Underlying Reference in the basket (which can be capped and/or floored). As a consequence, investors may be exposed to a partial loss of their investment.

(x) Risks associated with Driver Products

The return on the Securities depends on the performance of a basket of Underlying References. The return is determined by reference to the average return of the basket, where the performance of one or more of the best performing Underlying Reference(s) is set at a fixed level. As a consequence, investors may be exposed to a partial loss of their investment.

(xi) Risks associated with Transition Products

The return on the Securities depends on the performance of the Underlying Reference(s) and whether knock-in and/or automatic early redemption features apply. Depending on the applicable formula, investors may be exposed to a partial or total loss of their investment.

(c) Risks associated with FI Products:

(i) Risks associated with Vanilla Products

The return on the Securities depends on the performance of the Underlying Reference(s) and whether knock-in or knock-out features apply. As a consequence, investors may be exposed to a partial or total loss of their investment.

(ii) Risks associated with Digital Products

The return on the Securities is fixed or variable and will be dependent upon the performance of the Underlying Reference(s). The return is calculated by reference to various mechanisms (including floor or cap conditions and knock-in and/or knock-out features). As a consequence, investors may be exposed to a partial or total loss of their investment.

The formulae, relevant variables and other related provisions of these products are more fully described in "*Annex 1 – Additional Terms and Conditions for Payouts*".

*Securities subject to early redemption at the option of the Issuer, other early redemption (including Automatic Early Redemption) and consequences of early redemption*

An optional or other early redemption feature (including an Automatic Early Redemption feature) is likely to limit the market value of the Securities. In the case of Securities with an optional redemption feature, during any period when the relevant Issuer may elect to redeem the relevant Securities, the market value of those Securities generally will not rise

substantially above the price at which they can be redeemed. This may also be true prior to any redemption period. In addition, the Final Terms may provide that the relevant Securities will be redeemed early in specified circumstances, such as the occurrence of an Additional Disruption Event (as defined in Security Condition 15 (*Additional Disruption Events and Optional Additional Disruption Events*)), an Optional Additional Disruption Event (as defined in Security Condition 15 (*Additional Disruption Events and Optional Additional Disruption Events*)) and/or an Automatic Early Redemption Event (as defined in Security Condition 34.9 (*Automatic Early Redemption*)). Following an optional or other early redemption (including an Automatic Early Redemption), a Holder generally would not be able to reinvest the redemption proceeds (if any) at an effective interest rate as high as the interest rate on the relevant Securities being redeemed and may only be able to do so at a significantly lower rate. As a consequence, the Holder may lose some or all of their investment. Investors should consider reinvestment risk in light of other investments available at that time. In addition, in the case of Securities with an Automatic Early Redemption feature, the value of the Securities and the amount that Holders receive upon an Automatic Early Redemption may not correlate with the value of the Underlying Reference, which may trigger such Automatic Early Redemption and Holders could receive a significantly lower return than expected in relation to the change in value of the Underlying Reference.

### *Cost of borrowing*

Holders of Securities that are "short" (or "put") Securities should note that the price of such Securities may include a premium charged to Holders which reflects the cost to the Issuer or its Affiliates of borrowing the Underlying Reference(s). Holders will not receive a refund of this premium if an Automatic Early Redemption Event occurs or upon the exercise of an Issuer Call Option or a Holder Put Option, and consequently may significantly reduce the return a Holder stands to receive on its investment.

### *Minimum trading amount may affect a Holder's ability to transfer their Securities*

If the Securities have a minimum trading amount, a Holder will not be permitted to transfer its Securities prior to redemption without purchasing enough additional Securities to hold the minimum trading amount. The Holder may not be able to purchase additional Securities, in which case they will have to wait until redemption of the Securities to realise any value. If they are able to purchase additional Securities, this may be at a price higher than their original investment and is likely to adversely affect the overall return they achieve on their investment.

### *Certain specific information may not be known at the beginning of an offer period*

Where an indicative range is specified in the Final Terms at the start of an offer period in respect of the issue price, Gearing, Gearing Up, Bonus Coupon, Up Cap Percentage, any Constant Percentage, barrier value or level, Floor Percentage, Knock-in Level and/or Knock-out Level, prospective purchasers of Securities should be aware that the actual price, rate, level or percentage, as applicable, selected from within the indicative range specified for the issue price, Gearing, Gearing Up, Bonus Coupon, Up Cap Percentage, any Constant Percentage, barrier value or level, Floor Percentage, Knock-in Level and/or Knock-out Level, as applicable, in respect of any Securities may have a negative impact on the interest payable and/or final return on the Securities when compared with another price, rate, level or percentage, as applicable, within the indicative range.

### *Gap Risk*

The relevant level, value or price of one or more Underlying Reference(s) may change suddenly and significantly during the trading day or at the opening of the market. Such change may be positive or negative and is known as the "**Gap Risk**". If ETS Final payout 2200/1 or ETS Final Payout 2210 is specified in the applicable Final Terms, a "Gap Risk premium" will be added to the price of the Securities, which will be calculated to take account of the cost to the Issuer or its Affiliates of unwinding its hedging positions in relation to the Securities on early redemption of the Securities and the Gap Risk associated with the relevant level, value or price of the Underlying Reference(s). The Gap Risk premium may fluctuate upwards and downwards throughout the term of the Securities, depending on market conditions, and such fluctuations

may have an adverse impact on the price of the Securities. Holders will not receive a refund of this premium if an Automatic Early Redemption Event occurs, or upon exercise of an Issuer Call Option or a Holder Put Option, which could significantly reduce the return a Holder stands to receive on its investment.

### *Limited exposure to Underlying Reference(s)*

If the applicable Final Terms provide that the exposure of the relevant Securities to one or more Underlying References is limited or capped at a certain level or amount, the relevant Securities will not benefit from any upside in the value of any such Underlying Reference(s) beyond such limit or cap. In this case, Holders will not receive as much from their investment as they would have done if they had invested directly in the Underlying Reference(s) or in alternative Securities without such features. The likelihood of this occurring is dependent on the likelihood of the Underlying Reference(s) performing such that the limit or cap affects the Securities.

*If the rate of interest or premium amount rate payable on the Securities or the amount payable or deliverable on redemption of the Securities changes during the life of the Securities, Holders may receive less than expected*

If specified in the applicable Final Terms and the Issuer exercises its Coupon Switch Election or Payout Switch Election or if an Automatic Coupon Switch Event or Automatic Payout Switch Event occurs (see Security Condition 32(i) (*Coupon Switch*) (in the case of a Coupon Switch Election or an Automatic Coupon Switch Event) or Security Condition 34.10 (*Payout Switch*) (in the case of a Payout Switch Election or an Automatic Payout Switch Event)), the coupon or redemption payout, as the case may be, on such Securities will change during the life of the Securities and investors may receive a return which differs from, and may be significantly less than, that which they expected to receive as of the Issue Date or they may receive no return.

*The terms of the Securities may in certain circumstances be changed during the life of the Securities, in which case Holders may receive a lower return than expected*

If Autoroll is specified as applicable in the applicable Final Terms and an Autoroll Event occurs (see Security Condition 34.13 (*Autoroll*)), the terms of the Securities (including, (a) (if Autoroll Standard is specified in the applicable Final Terms) the Final Payout, Knock-in Event or Knock-out Event (as the case may be), Automatic Early Redemption Event, Strike Date, the Coupon Payout and/or Redemption Date or (b) (if Autoroll Lock or Autoroll Shift are specified in the applicable Final Terms) any level specified in the applicable Final Terms in respect of the Final Payout, the Knock-in Event or Knock-out Event, the Automatic Early Redemption Event and/or the Coupon Payout) will be amended to the relevant terms specified in the applicable Final Terms. If the terms of the Securities are amended during the life of the Securities investors may receive a return which differs from, and may be significantly less than, that which they expected to receive or they may receive no return.

### *Risk of leveraged exposure*

Securities including a leverage feature (such as OET Certificates, the terms of which are described in "Annex 15 – Additional Terms and Conditions for OET Certificates" (see "Risks associated with Open End Certificates and OET Certificates" below)) magnify gains and losses. If the Underlying Reference moves against expectations, Holders risk losing a greater proportion of their investment than if they had invested in a Security that is not leveraged.

### *Risks associated with Constant Leverage Securities*

Securities to which ETS Final Payout 2300 (the formulae, relevant variables and other related provisions for which are set out in "Annex 1 – Additional Terms and Conditions for Payouts") applies ("**Constant Leverage Securities**") are designed for very short-term trading or intraday trading and are not intended for buy-to-hold investing. The performance of Constant Leverage Securities over a period longer than one day is derived from the compounded daily performance of the relevant Underlying Reference, meaning that the performance of the Constant Leverage Securities could differ significantly from the overall performance of the Underlying Reference during that period. Holders are exposed to the

risk that an investment in Constant Leverage Securities may perform worse than a direct investment in the relevant Underlying Reference and this risk increases the longer the period that Holders hold the Constant Leverage Securities and the more volatility the Underlying Reference experiences during that period.

If "Maturity Extension" is specified as applicable in the applicable Final Terms, the Issuer may elect to either postpone the Redemption Date of the Constant Leverage Securities or convert the Bull or Bear Constant Leverage Securities, as applicable, into Open End Certificates. If the Constant Leverage Securities are converted into Open End Certificates, the risks described under "*Risks Associated with Open End Certificates and OET Certificates*" below will apply. If a Holder exercises its option to request the Issuer to early redeem the Securities, such Holder may receive less than their original investment, as the Optional Redemption Amount will be calculated based on the performance of the Constant Leverage Securities as of the Optional Redemption Valuation Date.

If "Reverse Split" is specified as applicable in the applicable Final Terms and a Reverse Split Event occurs, the Issuer may, at its option, elect that the Certificates be consolidated and cancel the Certificates held by Holders and, in lieu thereof, deliver to Holders a reduced number of Constant Leverage Securities of a new series. The new series of Certificates issued by the Issuer will have identical terms to the original Constant Leverage Securities, save that the value of the Constant Leverage Securities will be consolidated to reflect the economic effect of reducing the number of Constant Leverage Securities in issue, as determined by the Calculation Agent, acting in good faith and in a commercially reasonable manner. If required, the Issuer will also pay to Holders a cash adjustment amount calculated by the Calculation Agent to reflect the economic effect of reducing the number of Constant Leverage Securities in issue, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner. Upon receiving notice of a reverse split, a Holder may exercise its option to request the Issuer to early redeem the Securities, in which case, such Holder may receive less than their original investment, as the Optional Redemption Amount will be calculated based on the performance of the Constant Leverage Securities as of the Optional Redemption Valuation Date.

### *Risks associated with Open End Certificates and OET Certificates*

Open End Certificates and OET Certificates do not have a pre-determined maturity and may be redeemed on a date determined by the relevant Issuer in accordance with the Terms and Conditions or following a request by the Holder for a buy back of the Certificates. Investment in Open End Certificates and OET Certificates will entail additional risks compared with other Certificates, due to the fact that they do not have a prescribed tenor and Holders may receive a lower return than expected and depending on when the Open End Certificates and OET Certificates are redeemed or bought back. Open End Certificates will be subject to the provisions set out in Security Condition 34.8 (Open End Certificates) and OET Certificates will be subject to the provisions set out in "Annex 15 – Additional Terms and Conditions for OET Certificates".

### *Additional risks associated with Preference Share Certificates*

The following risks are applicable in respect of Preference Share Certificates issued in accordance with the provisions set out in "Annex 14 – Additional Terms and Conditions for Preference Share Certificates".

#### (a) Risks associated with the Preference Share Underlying

BNPP B.V. and BNPP may issue Preference Share Certificates, as more fully described in the "*Annex to the Additional Terms and Conditions for Preference Share Certificates*". If as a result of the performance of the Preference Share Underlying, the performance of the preference shares is negative, the value of the Preference Share Certificates will be adversely affected. Purchasers of Preference Share Certificates risk losing all or a part of their investment if the value of the preference shares does not move in the anticipated direction.

#### (b) Risks relating to an early redemption of the Preference Share Certificates

The Issuer will redeem the Preference Share Certificates in whole at the Early Redemption Amount if, in the determination of the Calculation Agent, an illegality, force majeure, Potential Adjustment Event, Additional Disruption Event, Optional Additional Disruption Event or Extraordinary Event occurs or if the Preference Share Issuer delivers a notice to the Issuer in respect of early redemption of the preference shares. The Early Redemption Amount may be less (and in certain circumstances, significantly less) than investors' initial investment and Holders will not benefit from any appreciation of the preference shares that may occur following such redemption. Holders will also face this risk if the Preference Share Certificates include an auto-call feature which triggers an automatic early redemption of the Preference Share Certificates if the performance of the Preference Share Underlying satisfies certain conditions.

(c) Risks relating to the Preference Share Issuer and the Preference Shares

Holders of Preference Share Certificates are exposed to the credit risk of the Preference Share Issuer, as Preference Share Certificates are linked to the performance of the relevant preference shares issued by the Preference Share Issuer. The Preference Share Issuer is not an operating company whose sole business activity is the issue of redeemable preference shares and does not otherwise have any cashflows. As its funds are limited, a deterioration in the creditworthiness of or any misappropriation of funds or other fraudulent action by the Preference Share Issuer (or person acting on its behalf) would have a significant adverse effect on the value of the preference shares, and thus, a significant adverse effect on the value of the Preference Share Certificates.

*Risks associated with Actively Managed Securities*

The Issuer may issue Securities ("**Actively Managed Securities**") where the amount payable on redemption is dependent upon the performance of a notional portfolio of Shares, ETI Interests and/or Custom Indices (the "**Reference Portfolio**"), the composition of which may be reallocated to reflect adjustments proposed by a Basket Allocation Agent appointed pursuant to a Basket Allocation Agency Agreement (each as specified in the applicable Final Terms) in connection with the Securities and the relevant Reference Portfolio. Investors should note that the Basket Allocation Agent has the right, but not the obligation, to propose a reallocation to the Reference Portfolio in accordance with the terms of the relevant Basket Allocation Agency Agreement. For the avoidance of doubt, references in these risk factors to Underlying Reference(s), include any Reference Portfolio and, as the context permits, the Shares, ETI Interests and Custom Indices (if any) comprising such Reference Portfolio from time to time.

Investors are exposed to decision(s) of the relevant Basket Allocation Agent in relation to the composition of the Reference Portfolio, which decision(s) may reduce the value of the Reference Portfolio and thereby the amount (if any) payable under the Actively Managed Securities. Investors should note that the Calculation Agent will reject a proposed reallocation to the Reference Portfolio by the Basket Allocation Agent if the Calculation Agent determines that such proposed reallocation (i) does not comply with the Investment Strategy Guidelines, (ii) would cause the Issuer, the Hedge Provider and/or any of their relevant Affiliates to be subject to any restrictions or prohibitions in acquiring and/or disposing of any components of the Reference Portfolio, (iii) would or could result in the Reference Portfolio referencing a component the issuer of which is directly or indirectly subject to sanctions, (iv) could result in the Hedge Provider being unable to execute any sale or purchase of the relevant Portfolio Component or (v) could result in the Issuer and/or its Affiliates being restricted from providing a secondary market in respect of the Securities. Any such rejection may result in a lower value of the Reference Portfolio and thereby reduce the amount that may otherwise have been payable in respect of the Actively Managed Securities and none of the Issuer, the Calculation Agent nor the Basket Allocation Agent will have any liability in such respect, including without limitation in relation to any determination as to whether a proposed reallocation meets such criteria. In certain circumstances the performance of the Reference Portfolio may be such that no amounts are payable on redemption of the Actively Managed Securities and investors may lose their entire investment. Investors should ensure that they review and understand the criteria which must be met for the Reference Portfolio to be reallocated to reflect adjustments proposed by the Basket Allocation Agent and the discretions of the Basket Allocation Agent, the Issuer and the Calculation Agent in respect of the Reference Portfolio and the Securities.

## RISKS

No assurance is given that the Basket Allocation Agent will manage the composition of the Reference Portfolio to produce a return to Holders and no party (including, without limitation, the Issuer or the Calculation Agent) accepts any liability to the extent that any Holders suffer a loss as a result of a failure by the Basket Allocation Agent to do so.

The value of the Reference Portfolio will also be reduced for certain advisory, reallocation and structuring fees, reflecting fees of the Basket Allocation Agent, costs of reallocations and fees of the Calculation Agent respectively, which may negate any positive performance of the Reference Portfolio and, if the Reference Portfolio performs negatively, increase a Holder's loss of investment.

In the event that the appointment of the Basket Allocation Agent terminates prior to the redemption of the Actively Managed Securities (and no successor has been appointed), the management of the Reference Portfolio by the Basket Allocation Agent will cease, meaning investors will be exposed to the performance of the specific Shares, ETI Interests and Custom Indices (if any) comprising the Reference Portfolio at that time and there will be no further reallocations thereafter which could otherwise have improved the value of the Reference Portfolio.

If any component of the Reference Portfolio is deemed to no longer satisfy the Investment Strategy Guidelines, investors should note that any such affected component will be removed from the Reference Portfolio and the exposure of the Reference Portfolio to the remaining components adjusted accordingly, which may be detrimental to the performance of the Reference Portfolio. The Actively Managed Securities may be subject to further adjustment to account for the deemed reallocation as a consequence.

As the Reference Portfolio may at any time be comprised of components that are Shares, Custom Indices and/or ETI Interests, investors should also refer to the risks described under "*Additional risks associated with Share Securities*", "*An adjustment to Share Securities following a Potential Adjustment Event may adversely impact Holders*", "*Extraordinary Events relating to Share Securities*", "*Securities Linked to Shares traded on the China Connect Service*", "*Additional risks associated with ETI Securities*", "*An adjustment to ETI Securities following a Potential Adjustment Event may adversely impact Holders*", "*The occurrence of an Extraordinary ETI Event (where ETI Share Provisions is not applicable) or Extraordinary Event (where ETI Share Provisions is applicable) may have an adverse impact on Holders*" and "*Additional risks associated with Index Securities*", which set out the risks associated with such potential component types.

### *Risks associated with Dynamic Securities*

Securities linked to a portfolio or strategy that comprises assets with a greater potential for return and consequently greater risk (such as a hedge fund) and assets with a lower return and consequently lesser risk (such as a zero coupon debt security issued by an issuer with a high credit rating) are described by the relevant Issuer as "**Dynamic Securities**". The impact of any rebalancing of the portfolio or strategy and any leverage features will affect the value of the portfolio or strategy and, in turn the value of the Dynamic Securities. If the portfolio or strategy does not perform as expected, the value of the Dynamic Securities and the return an investor can expect will be adversely affected.

### *There are no events of default under the Securities*

The Terms and Conditions of the Securities (other than Secured Securities) do not include events of default allowing for the acceleration of the Securities if certain events occur. Accordingly, if the Issuer or the Guarantor (if applicable) fail to meet any obligations under the Securities, including the payment of any interest or bankruptcy proceedings are instituted, Holders will not be able to accelerate the payment of principal. Upon a payment default, the sole remedy available to Holders for recovery of amounts owing in respect of any payment of principal or interest on their Securities will be the institution of proceedings to enforce such payment. Notwithstanding the foregoing, the Issuer or the Guarantor (if applicable) will not, by virtue of the institution of any such proceedings, be obliged to pay any sum or sums sooner than the same would otherwise have been payable by it, meaning investors could lose all or part of their investment. As a result, the value of the Securities and/or their liquidity in the secondary market could be negatively affected.

*The terms of the Securities do not contain a negative pledge and the Issuer is entitled to incur additional debt*

There is no negative pledge in respect of the Securities and the Terms and Conditions of the Securities place no restrictions on the incurrence by the Issuer or the Guarantor (if applicable) of additional obligations that rank *pari passu* with, or senior to, the Securities. In addition, the Issuer or the Guarantor (if applicable) may pledge assets to secure other notes or debt instruments without granting an equivalent pledge or security interest and status to the Securities. An increase of the outstanding amount of such securities or other liabilities could reduce the amount (if any) recoverable by the Holders on a winding-up of the Issuer, if the amount outstanding exceeds the assets of the Issuer, Holders could suffer a loss of their entire investment if the Issuer becomes insolvent (whether voluntarily or otherwise).

## **Risks Relating to the Underlying Reference(s) and Disruption and/or Adjustment Mechanisms**

### *Risks associated with Underlying Reference Securities*

Securities issued under this Base Prospectus may be linked to the performance of one or more Underlying Reference(s) (as further described in the "Investment Considerations" section below) (such Securities, "**Underlying Reference Securities**"). Depending on the terms of the Underlying Reference Securities, the amount payable on redemption or in interest will be determined by reference to the value of one or more Underlying References specified in the applicable Final Terms. If an Underlying Reference does not perform as expected, this will have a material adverse impact on the amounts (if any) that Holders will receive in respect of the Securities and may also negatively affect the value of the Securities.

### *Absence of rights in respect of the Underlying Reference(s)*

The Securities do not represent a claim against any Underlying Reference (or any issuer, sponsor, manager or other connected person in respect of an Underlying Reference) and Holders will not have any right of recourse under the Securities to any such Underlying Reference (or any issuer, sponsor, manager or other connected person in respect of an Underlying Reference). The Securities are not in any way sponsored, endorsed or promoted by any issuer, sponsor, manager or other connected person in respect of an Underlying Reference and such entities have no obligation to take into account the consequences of their actions on any Holders and such consequences may have a negative impact on Holders. Investors in Physical Delivery Securities should also refer to "*Risks associated with Physical Delivery Securities*" below and Security Condition 35.2 (*Physical Delivery*).

### *Risks associated with Physical Delivery Securities*

If the Securities are Physical Delivery Securities (as defined in Security Condition 30 (*Type*)) or in the case of Credit Securities that provide for physical delivery (see "*Annex 12 – Additional Terms and Conditions for Credit Securities*"), Holders will only obtain a direct investment in the Underlying Reference or the relevant assets, in the case of Credit Securities and have a right to participate in any voting, dividends, distributions or other rights of the Underlying Reference or the relevant assets, in the case of Credit Securities, as the case may be, upon delivery of the Entitlement or the relevant assets, in the case of Credit Securities. Holders of Physical Delivery Securities or physically settled Credit Securities are exposed to the risk that the market value of the Entitlement or the relevant assets, in the case of Credit Securities is less than the market value of the Securities and Holders may not subsequently be able to realise any cash value from the assets comprising the Entitlement or the relevant assets, in the case of Credit Securities. This risk is increased if the assets comprising the Entitlement or the relevant assets, in the case of Credit Securities have a nexus with an emerging market (see "*Additional risks associated with Securities with a nexus to emerging markets*" above).

In the case of Physical Delivery Securities, if a Settlement Disruption Event occurs or exists on the Delivery Date or the Redemption Date respectively, settlement will be postponed until the next Settlement Business Day in respect of which there is no Settlement Disruption Event. The relevant Issuer in these circumstances also has the right to pay the Disruption Cash Settlement Price (as defined in Security Condition 5.1 (*Physical Settlement Disruption*)) in lieu of delivering the

Entitlement. The Disruption Cash Settlement Price may be less than the fair market value of the Entitlement and could be less than the return that the investor had anticipated.

*The value of Underlying References may be subject to market fluctuations*

Depending on the Underlying Reference, the value of a Holder's investment in Underlying Reference Securities, may be significantly adversely affected by the negative impact of market fluctuations caused by economic and political developments, changes in interest rates and perceived trends in the prices of securities.

*Interest linked to an Underlying Reference*

In the case of Linked Interest Securities (see Security Condition 32(c) (*Interest on Linked Interest Certificates*)), where the amount of interest payable is determined by reference to the performance of an Underlying Reference or a basket of Underlying References, Holders are subject to the following risks:

- (a) the market price of such Securities may be volatile, and so Holders may only be able to sell their Securities in the secondary market at a loss (if they are able to sell at all);
- (b) they may receive no interest;
- (c) payment of interest may occur at a different time or in a different currency than expected, which could negatively affect the value of the Securities;
- (d) an Underlying Reference may be subject to significant fluctuations that may not correlate with changes in interest rates, currencies or other indices and the yield may be less than other comparable investments;
- (e) if an Underlying Reference in a basket has a disproportionately greater weighting compared to other basket components or a weighting greater than one or contains some other leverage factor, the effect of changes in the value of such Underlying Reference on interest payable will be magnified and could magnify any loss of interest that Holders would experience compared to an investment in Securities without such features; and
- (f) interest may only be payable and/or calculated in respect of certain specified days and/or periods on or during which the Underlying Reference or its value equals, exceeds and/or is less than certain specified thresholds and if such conditions are not satisfied, Holders may not receive any interest, thus negatively affecting the Holder's overall yield.

*Investment decision based on publicly available information*

Holders are required to make their investment decision on the basis of information that is publicly available. Therefore, Holders are exposed to the risk that information that is subsequently made public could adversely affect the trading price of the Underlying Reference(s), which could have a significant adverse impact on the value of the Securities.

*Risks associated with the occurrence of Additional Disruption Events and/or Optional Additional Disruption Events*

If an Additional Disruption Event occurs or any Optional Additional Disruption Event specified in the applicable Final Terms occurs (other than in respect of a Failure to Deliver due to Illiquidity) (each as defined in Security Condition 15 (*Additional Disruption Events and Optional Additional Disruption Events*))), the Securities may be subject to adjustment (including, in the case of Share Securities linked to a Basket of Shares, adjustments to the Basket of Shares), early redemption or the amount payable on scheduled redemption may be different from the amount expected to be paid at scheduled redemption. In the case of Index Securities linked to a Custom Index, the occurrence of an Additional Disruption Event or Optional Redemption Event specified in the applicable Final Terms may lead to the selection of a successor Index. Any of these consequences is likely to have a material adverse effect on the value and liquidity of the Securities and/or the return a Holder can expect to receive on their investment.



*The occurrence of a Disrupted Day may have an adverse effect on the value and liquidity of the Index Securities, Share Securities, ETI Securities, Debt Securities or Futures Securities*

If, in the determination of the Calculation Agent, a Market Disruption Event as described in the Index Security Conditions, Share Security Conditions, ETI Security Conditions, Debt Security Conditions or Futures Security Conditions, (as the case may be) has occurred or the relevant exchange has not opened on a date for valuation in respect of an issue of Index Securities, Share Securities, ETI Securities, Debt Securities or Futures Securities (a "**Disrupted Day**"), any consequential postponement of the valuation date, or any alternative provisions for valuation provided in any Securities in respect of an Underlying Reference (including any Underlying Reference comprising a basket) may have an adverse effect on the value and liquidity of such Securities, particularly if the Redemption Date of the Securities is postponed as a consequence.

*Additional risks associated with Index Securities*

Index Securities are linked to the performance of an underlying index (an "**Index**"), which may reference various asset classes such as equities, bonds, currency exchange rates or property price data, or could reference a mixture of asset classes. Investors in Index Securities face the risk of a broader set of circumstances that mean that the assets underlying the Index do not perform as expected compared to an investment in conventional debt securities. Accordingly, the return on an investment in Index Securities is more likely to be adversely affected than an investment in conventional debt securities. The terms and conditions relevant to Index Securities are set out in "*Annex 2 – Additional Terms and Conditions for Index Securities*".

In the case of Index Securities that are linked to the performance of a proprietary index (a "**Custom Index**"), if the components of the Custom Index are subject to regular rebalancing in accordance with the methodology of the Custom Index, this may be determined (in whole or in part) by reference to criteria specified in the index and/or one or more lists of assets compiled by an independent third party (such as research lists, analytical reports or "top picks" guides). Such third parties have no regard to the interests of Holders and any such rebalancing could negatively affect the performance of a Custom Index and the value of the Index Securities.

*The occurrence of an Index Adjustment Event may adversely impact Holders of Index Securities*

The occurrence of an Index Modification, an Index Cancellation or an Index Disruption (each being an "**Index Adjustment Event**", as more fully described in Index Security Condition 3.2 (*Modification and Cessation of Calculation of an Index*)) may (except as may be limited in the case of U.S. Securities) lead to (i) changes in the calculation of the relevant value or price (if the Calculation Agent determines such Index Adjustment Event has a material effect on the Securities), (ii) early redemption of the Securities or (iii) the amount payable on scheduled redemption of the Securities being different from the amount expected to be paid at scheduled redemption. Any such adjustment or early redemption of the Index Securities may have an adverse effect on the value and liquidity of such Securities and accordingly the amount Holders can expect to receive on their investment.

*Additional risks associated with Share Securities*

Unlike a direct investment in any Share(s), Stapled Share(s), GDR(s) and/or ADR(s) comprising the Underlying Reference(s) (together the "**Share(s)**"), an investment in Share Securities does not entitle Holders to vote or receive dividends or distributions (unless otherwise specified in the Final Terms). Accordingly, the return on Share Securities will not be the same as a direct investment in the relevant Share(s) and Holders could receive less than they would have done on a direct investment. The terms and conditions relevant to Share Securities are set out in "*Annex 3 – Additional Terms and Conditions for Share Securities*".

*An adjustment to Share Securities following a Potential Adjustment Event may adversely impact Holders*

In the case of Share Securities, except as may be limited in the case of U.S. Securities, following the declaration by the Basket Company or Share Company, as the case may be (or, in the case of Stapled Shares, an issuer of each constituent

share comprising the Stapled Shares), of the occurrence of any Potential Adjustment Event (as more fully described in Share Security Condition 3 (*Potential Adjustment Events*)), the Calculation Agent will, acting in good faith and in a commercially reasonable manner, determine whether such Potential Adjustment Event has a diluting or concentrative effect on the theoretical value of the Shares (or the Stapled Shares, as the case may be) and, if so, will make the corresponding adjustment, if any, to any terms of the Securities as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate to account for that diluting or concentrative effect (provided that no adjustments will be made to account solely for changes in volatility, expected dividends, stock loan rate or liquidity relative to the relevant Share (or the relevant Stapled Shares, as the case may be)). Such adjustment may have an adverse effect on the value and liquidity of the affected Share Securities and accordingly the amount Holders can expect to receive on their investment.

### *Extraordinary Events relating to Share Securities*

Following the occurrence of an Extraordinary Event (as defined in Share Security Condition 4 (*Extraordinary Events*)) in relation to a Share, the terms of the Share Securities may be adjusted (including, in the case of Share Securities linked to a Basket of Shares, adjustments to and/or substitution of constituent shares of the Basket of Shares), the Share Securities may be redeemed in whole or in part or the Calculation Agent may make an adjustment corresponding to adjustments made by an Options Exchange.

An adjustment to the Share Securities may have an adverse effect on the value and liquidity of the affected Share Securities and accordingly the amount Holders can expect to receive on their investment. If the Share Securities are early redeemed, an investor generally would not be able to reinvest the relevant proceeds at an effective interest rate as high as the effective return on the relevant Securities being redeemed and may only be able to do so at a significantly lower rate, and investors should consider reinvestment risk in light of other investments available at that time. Consequently, the occurrence of an Extraordinary Event in relation to a Share may have an adverse effect on the value or liquidity of the Securities and accordingly the amount Holders can expect to receive on their investment.

### *Securities Linked to Shares traded on the China Connect Service*

In respect of Securities linked to Shares traded on the China Connect Service where "China Connect" is specified as applicable in the applicable Final Terms, if a China Connect Share Disqualification or a China Connect Service Termination (each as more fully described in Share Security Condition 4.1 (*Extraordinary Events*)) occurs such Securities may be subject to adjustment (including, in the case of Share Securities linked to a Basket of Shares, adjustments to the Basket of Shares) or early redemption or the amount payable on scheduled redemption may be different from the amount expected to be paid at scheduled redemption. Furthermore, if "China Connect" is specified in the applicable Final Terms, the Conditions will include provisions dealing with (a)(i) the suspension of or limitations on routing of orders through the China Connect Service or (ii) events disrupting the ability of market participants to enter orders through the China Connect Service, where the Calculation Agent determines such disruption is material at any time during the one hour period that ends at the relevant time for valuation or (b) the unexpected early closure of the China Connect Service, in each case on a date for valuation of a Share (including any Share comprising a Basket of Shares). If the Calculation Agent determines that such circumstances exist on any relevant date for valuation, such date may be subject to postponement or alternative provisions for valuation may apply (see "*Consequences of a Disrupted Day*" under the "*Investment Considerations*" section below). Any of these consequences is likely to have a material adverse effect on the value and liquidity of the Securities and/or the return a Holder can expect to receive on their investment.

### *Additional risks associated with ETI Securities*

An investment in ETI Securities carries similar risks to an investment in Share Securities or Fund Securities. An exchange traded instrument (an "**ETI**") may invest using sophisticated techniques, such as leverage or short selling or in complex financial instruments such as derivatives (swaps, options, futures), securities lending transactions, repurchase or reverse repurchase agreements or foreign exchange instruments. If the investment strategy of the ETI is not successful it will

## RISKS

have a negative impact upon the performance of the ETI, and consequently, could have a negative impact on the value of the ETI Securities and the return investors may receive. Holders of ETI Securities have no right to participate in the ETI, whether by voting or in any distributions. Accordingly, the return a Holder of ETI Securities receives could be less (and could be significantly less) than a direct investment in an ETI. This effect could be amplified if the ETI Share Provisions (as set out in ETI Security Conditions 9 to 14) are specified as not applicable in the applicable Final Terms and the value of the ETI is linked to the NAV per ETI Interest, the trading price of the ETI or the actual redemption proceeds the Hedge Provider or a hypothetical investor in the relevant ETI(s) would receive. The terms and conditions relevant to ETI Securities are set out in "*Annex 4 – Additional Terms and Conditions for ETI Securities*".

### *An adjustment to ETI Securities following a Potential Adjustment Event may adversely impact Holders*

In the case of ETI Securities, except as may be limited in the case of U.S. Securities, following the declaration by the relevant ETI or any person appointed to provide services directly or indirectly in respect of such ETI, as the case may be, of the terms of any Potential Adjustment Event (as more fully described in ETI Security Condition 3 (*Potential Adjustment Events*)) or (if the ETI Share Provisions are specified as applicable in the applicable Final Terms) ETI Security Condition 11 (*Potential Adjustment Events*)), the Calculation Agent will, acting in good faith and in a commercially reasonable manner, determine whether such Potential Adjustment Event has a diluting or concentrative effect on the theoretical value of the ETI Interests and, if so, will make the corresponding adjustment, if any, to any terms of the Securities as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate to account for that diluting or concentrative effect (provided that no adjustments will be made to account solely for changes in volatility, expected dividends, stock loan rate or liquidity relative to the relevant ETI Interest). Such adjustment may have an adverse effect on the value and liquidity of the affected ETI Securities, and accordingly, the amount Holders can expect to receive on their investment.

### *The occurrence of an Extraordinary ETI Event (where ETI Share Provisions is not applicable) or Extraordinary Event (where ETI Share Provisions is applicable) may have an adverse impact on Holders*

If an Extraordinary ETI Event or an Extraordinary Event (each as further described in the "*Investment Considerations*" section below and ETI Security Condition 4 (*Extraordinary ETI Events*)) or (if the ETI Share Provisions are specified as applicable in the applicable Final Terms) ETI Security Condition 12 (*Extraordinary Events*)) occurs, the Issuer may (i) adjust the terms of the ETI Securities to reflect such event, (ii) substitute the relevant ETI Interests, or (iii) early redeem the ETI Securities. Consequently, the occurrence of an Extraordinary ETI Event or an Extraordinary Event, as the case may be, may have an adverse effect on the value or liquidity of the Securities and the amount Holders can expect to receive on their investment.

### *The occurrence of a Market Disruption Event relating to Commodity Securities may have an adverse impact on Holders*

If a Market Disruption Event (as defined in Commodity Security Condition 2 (*Market Disruption*)) occurs or is continuing on a date for valuation in respect of Commodity Securities, then the Calculation Agent may make any relevant calculation in respect of the Commodity Securities using an alternative value in lieu of the published price, the affected Commodity, the affected Commodity Index or the affected EU Allowance, as the case may be, may be substituted, the Issuer will early redeem the Securities or (in the case of a Commodity that is an EU Allowance) make any appropriate adjustment(s) to the terms of the Commodity Securities as determined by the Calculation Agent, acting in good faith and in a commercially reasonable manner. Any such adjustment or early redemption of the Securities may have an adverse effect on the value and liquidity of such Securities and accordingly the amount Holders can expect to receive on their investment.

### *The occurrence of a Commodity Index Adjustment Event may adversely impact Holders of Commodity Securities that reference a Commodity Index*

The occurrence of a Commodity Index Modification, Commodity Index Cancellation or Commodity Index Disruption (each being a "**Commodity Index Adjustment Event**", as more fully described in Commodity Security Condition 4(b))

(*Modification and Cessation of Calculation of Commodity Index*)) may lead to (i) the Calculation Agent determining the Relevant Price using, in lieu of a published level, the Commodity Fallback Value (if the Calculation Agent determines such Commodity Index Adjustment Event has a material effect on the Securities), or (ii) early redemption of the Securities. Any such adjustment or early redemption of the Commodity Securities may have an adverse effect on the value and liquidity of such Securities and accordingly the amount Holders can expect to receive on their investment.

## *Additional risks associated with Commodity Securities referencing a proprietary commodity index*

If the Commodity Securities reference the performance of a proprietary commodity index, the operational rules of the commodity index (which may not be publicly available) will affect how the level of the commodity index is determined in the event of a disruption. A delay in the publication of the commodity index could adversely affect the commodity index and consequently, the value of the Commodity Securities, which in turn could negatively affect the return an investor can expect to receive on the Commodity Securities. The terms and conditions relevant to Commodity Securities are set out in "*Annex 6 – Additional Terms and Conditions for Commodity Securities*".

## *Additional risks associated with Commodity Securities referencing EU Allowances*

Trading in carbon emissions is a developing market and is highly speculative and volatile. The carbon emissions trading market has been and may again be subject to temporary distortions or other disruptions due to various factors, including the lack of liquidity in the market, the participation of speculators and government regulation and intervention. In addition, in respect of the emissions trading market in Europe, EU Allowances have allegedly been stolen or "phished" from the national registries of several European countries and from the carbon trading accounts of market participants. This has caused severe market disruption in the European carbon trading market with delivery of EU Allowances suspended for significant periods. Any such disruption in the future would have a detrimental impact on the value or settlement of Commodity Securities referencing EU Allowances.

## *Additional risks associated with Currency Securities*

Fluctuations in exchange rates are affected by complex political and economic factors, including governmental action to fix or support the value of a currency, regardless of other market forces. If the rate of issuance of exchange rate instruments (such as warrants, securities or options relating to particular currencies or currency indices) increases, the value of Currency Securities in the secondary market will decline. Holders of Currency Securities risk losing some or all of their investment if exchange rates of the relevant currency (or basket of currencies) do not move in the direction they had anticipated. Additionally, if Currency Securities are settled in a currency other than the Holder's home currency, the negative effects of exchange rate fluctuations will be greater (see also "*Exchange control risks*" below). The terms and conditions relevant to Currency Securities are set out in "*Annex 8 – Additional Terms and Conditions for Currency Securities*".

## *Risks associated with Dual Currency Certificates*

The Issuers may issue Certificates where the Cash Settlement Amount and/or Interest Amount or Principal Amount (see Currency Security Condition 12 (*Settlement Currency*)) may be payable in either the Base Currency or the Subject Currency depending on the performance of a specified exchange rate ("**Dual Currency Certificates**"). The Settlement Currency will be determined based upon how the rate of exchange to convert one unit of the Base Currency into the Subject Currency on the relevant Dual Currency Determination Date performs compared to the initial exchange rate specified in the applicable Final Terms. The risks associated with Dual Currency Certificates are similar to those associated with Currency Securities (described in "*Additional risks associated with Currency Securities*" above) and the risks associated with the Settlement Currency (described in "*Exchange control risks*" below). In addition, investors will not benefit from favourable changes in exchange rates during the term of the Dual Currency Certificates where only the rate of exchange on the relevant Dual Currency Determination Date affects the Settlement Currency and as a consequence the market price of such Certificates may be volatile.

## *Additional risks associated with Fund Securities (other than where the Fund is a Euro Fund)*

The value of underlying fund shares or units or the level of an underlying fund index in respect of Fund Securities will be affected by the investment strategy of the relevant fund. The investment strategy is often opaque and may not be publicly available. In addition, funds are often illiquid and/or unregulated. If the investment strategy does not perform as expected, there are limited methods by which direct investments in fund shares or units can be exited. The value of the fund shares or units or the level of a fund index is also exposed to the performance of various fund service providers, in particular, the investment adviser. Taking these circumstances into account, compared to other types of investment, there is a greater risk associated with an investment in Fund Securities that the value of the Securities may be adversely affected (and could fall to zero) and the return Holders can expect to receive may be less (and could be significantly less) than expected. The terms and conditions relevant to Fund Securities are set out in "Annex 9 – Additional Terms and Conditions for Fund Securities".

## *The occurrence of an Extraordinary Fund Event may have an adverse impact on Holders*

Unless the Fund is a Euro Fund, if an Extraordinary Fund Event (as further described in the "Investment Considerations" section below and Fund Security Condition 2 (*Extraordinary Fund Events*)) occurs, the Issuer may, (i) adjust the terms of the Fund Securities to reflect such event, (ii) substitute the relevant Fund Shares, or (iii) early redeem the Fund Securities. Consequently, the occurrence of an Extraordinary Fund Event may have an adverse effect on the value or liquidity of the Securities and the amount Holders can expect to receive on their investment.

## *Date for redemption may be postponed if Hedge Provider does not receive redemption proceeds from Fund Shares*

In the event that redemption proceeds in respect of the underlying Fund Shares are not received by the Hedge Provider on or prior to the scheduled date for redemption, the Redemption Date of the Fund Securities (other than where the Fund is a Euro Fund) may be postponed for a period of up to two calendar years (or such other period as may be specified in the applicable Final Terms) in accordance with Fund Security Condition 5 (*Redemption Date/Automatic Early Redemption Date/Termination Date Extension*) and no additional amount shall be payable as a result of such delay. Such delay could have a significant adverse impact on the amount that the Holder would have otherwise received had such date for redemption not been postponed.

## *Investors should conduct their own investigation of the Euro Fund as if they were a policyholder*

In the case of Fund Securities where the Fund is a Euro Fund, to the extent that any amounts payable under the Securities depend on the Gross Rate of Return of the Euro Fund, investors should conduct their own investigations concerning the Euro Fund and the Insurance Company as if they were a policyholder in the Euro Fund. In particular, investors should take into account that the Gross Rate of Return of the Euro Fund which is determined by the Insurance Company based on the return the Insurance Company achieves on its general assets may be different from the provisional rate of return published by the Insurance Company in respect of the Euro Fund and may be zero. The issuance by the Issuer of any Securities referencing a Euro Fund does not constitute any form of recommendation by the Issuer or the Guarantor (if applicable) to invest in the Euro Fund.

## *The occurrence of an Extraordinary Euro Fund Event may have an adverse impact on Holders*

If, in respect of Fund Securities, where the Fund is a Euro Fund and an Extraordinary Euro Fund Event (as further described in the "Investment Considerations" section below and Fund Security Condition 9 (*Extraordinary Euro Fund Events*)) occurs, the Issuer may (i) adjust the terms of the Fund Securities to reflect such event, (ii) substitute the relevant Euro Fund, or (iii) early redeem the Fund Securities (as further described in Fund Security Condition 10 (*Consequences of an Extraordinary Euro Fund Event*)). Consequently, the occurrence of an Extraordinary Euro Fund Event may have an adverse effect on the value or liquidity of the Securities and the amount Holders can expect to receive on their investment.

### *Additional risks associated with Commodity Securities valued by reference to Futures Contracts or Index Securities, Debt Securities or Currency Securities where Futures Price Valuation is specified as applicable*

If Futures Price Valuation is specified as applicable in the applicable Final Terms in respect of Index Securities, Debt Securities or Currency Securities, the value of the Securities will be dependent on the performance of a futures or options contract relating to (i) an index (in the case of Index Securities) (see Index Security Condition 9 (*Futures Price Valuation*)), (ii) a synthetic debt instrument (in the case of Debt Securities) (see Debt Security Condition 6 (*Futures Price Valuation*)) or (iii) a rate of exchange (in the case of Currency Securities) (see Currency Security Condition 5 (*Futures Price Valuation*)). Commodity Securities may also be linked to the performance of a futures or options contract over an underlying commodity (as more fully described in "*Annex 6 – Additional Terms and Conditions for Commodity Securities*"). If such underlying futures or options contract does not perform as expected, an investor in such types of Securities may receive a lower return (and could receive a significantly lower return) than anticipated.

The performance of futures and options contracts can be affected by, among other things, the liquidity of the futures or options exchange and events beyond the control of the futures or options exchange. There may be significant differences between the value of spot markets and the futures or options markets for the underlying commodity, index, synthetic debt instrument and/or currency. Accordingly, an investment in Securities referencing such futures contracts may perform worse than a comparable investment in Commodity Securities, Index Securities, Debt Securities or Currency Securities that do not reference a futures or options contract or even a direct investment in the relevant underlying commodity, index, debt instrument or exchange rate.

### *Additional risks associated with Rolling Futures Contract Securities*

If the terms of the Securities contemplate that the underlying futures contract will roll to maintain ongoing exposure to such underlying futures contract throughout the term of the Securities, the value of the Securities and an investor's expected return on the Securities will depend on the performance of the futures market. If the market is in backwardation (where the price of the near-dated futures contract is greater than the longer-dated futures contract), any loss in value that the Holder experiences in respect of the Securities will be increased, as the Holder's synthetic exposure to the longer-dated futures contract is greater. However, if the market is in contango (where the price of the near-dated futures contract is less than the longer-dated futures contract), any gain in value that the Holder experiences in respect of the Securities will be reduced, as the Holder's synthetic exposure to the longer-dated futures contract is lower. The relevant provisions for Rolling Futures Contract Securities will depend on the relevant Underlying Reference and are more fully described in Index Security Condition 9.2 (*Rolling Futures Contract Securities*), Debt Security Condition (*Rolling Futures Contract Securities*), Commodity Security Condition 6 (*Rolling Futures Contract Securities*) or Currency Security Condition 6 (*Rolling Futures Contract Securities*), as applicable.

Futures contracts will roll on a specified date (the "**Futures Rollover Date**"). At each Futures Rollover Date there may be expenses incurred in replacing the futures contract which may have an adverse effect on the return on the Securities. Investors should be aware that in respect of Rolling Futures Contract Securities, the price difference between the futures contracts involved on each Futures Rollover Date may have a negative effect on the value of the securities and in the long term be higher than the positive performance of the underlying and result in a total loss of a Holder's investment in the Securities. The effect of this will be greater the longer the term of an investor's investment in Rolling Futures Contract Securities.

### *Additional risks relating to Credit Securities*

The risk factors set out below relate to Credit Securities, which are subject to the provisions set out in "*Annex 12 – Additional Terms and Conditions for Credit Securities*".

- (a) General risks relating to Credit Securities

## RISKS

The Issuers may issue Certificates ("**Credit Securities**") where the amount payable is dependent upon whether certain events ("**Credit Events**") have occurred in respect of one or more Reference Entities and, if so, on the value of certain specified obligations of such Reference Entity/Entities. Credit Securities are Certificates in respect of which the relevant Issuer has effectively bought credit protection in relation to one or more obligations issued or incurred by Reference Entities from the Holders. Payments to be made to Holders of such Certificates or (in the case of Credit Securities that provide for physical delivery) the relevant Issuer's obligation to deliver certain specified obligations, will depend on the occurrence of a Credit Event with respect to such Reference Entities.

Accordingly, the holders of Credit Securities will be exposed to the credit risk of one or more Reference Entities (being, in general terms, the risk that a given entity does not perform its financial obligations when due or becomes insolvent), which exposure may be to the full extent of their investment in such Credit Securities. Upon the occurrence of any of the events comprising a Credit Event with respect to any Reference Entity, the Holders may suffer significant losses. Credit Events may also occur in the absence of a default, for example, as a result of a restructuring of indebtedness or the implementation of resolution or recovery proceedings with respect to a Reference Entity. Holders should also note that a Credit Event may occur even if the obligations of a Reference Entity are unenforceable or their performance is prohibited by any applicable law or exchange controls. Certain Credit Events may occur even in the absence of a deterioration in the financial condition or creditworthiness of a Reference Entity.

Where Cash Settlement or Auction Settlement applies, the occurrence of a Credit Event in relation to any Reference Entity from time to time may result in a redemption of the Credit Securities at a reduced redemption amount or at zero, and, (if applicable) in a reduction of the amount on which interest is calculated, which reduction may be to zero. Where Physical Settlement applies in respect of a Credit Security, the occurrence of a Credit Event may result in the redemption of the Credit Securities by delivery (or, in certain circumstances, valuation) of certain direct or indirect obligations of the affected Reference Entity, which obligations are likely to have a market value which is substantially less than their par amount.

Accordingly, investors in Credit Securities are exposed, in respect of both principal and (if applicable) interest, to the credit risk of the Reference Entity or Reference Entities. The maximum loss an investor in Credit Securities may sustain is 100 per cent. of their initial investment, together with (if applicable) any interest amounts.

### (b) Correlated Credit Risks

In purchasing Credit Securities, investors assume credit exposure to both the specified Reference Entity or Reference Entities and the Issuer (and the Guarantor, if applicable) of the Credit Securities. The credit risk to investors may further be increased if the specified Reference Entity or Reference Entities are concentrated in the same industry sector or geographic area as the Issuer (or the Guarantor, if applicable). In the case of Credit Securities linked to more than one Reference Entity, the risks of default of such Reference Entities may be highly correlated.

### (c) A Credit Event may occur prior to the Trade Date

Holders of Credit Securities may suffer a loss of some or all of the redemption amount and any interest amount in respect of the Credit Securities in respect of one or more Credit Events that occur prior to the Trade Date or the Issue Date, if the Credit Event Backstop Date is specified as a date falling prior to such date. Neither the Calculation Agent or the relevant Issuer nor any of their respective Affiliates has any responsibility to inform any Holder, or avoid or mitigate the effects of a Credit Event that has taken place prior to the Trade Date or the Issue Date.

### (d) Increased credit risks associated with Nth-to-Default Credit Securities

Where the Credit Securities are Nth-to-Default Credit Securities, the Credit Securities will be subject to redemption in full as described above upon the occurrence of a Credit Event in relation to the nth Reference Entity. The credit risk to Holders may therefore be increased as a result of the concentration of Reference Entities in a particular industry sector or geographic area or the exposure of the Reference Entities to similar financial or other risks.

(e) Additional credit risks associated with Basket Credit Securities

Where the Credit Securities are Basket Credit Securities and a Distribution End Date is specified in the Final Terms, the Final Terms shall specify whether "Distribution Period Redemption", "Redemption at Maturity" or "Distribution Period Event Determination Date Disapplication" applies. If "Distribution Period Redemption" applies and an Event Determination Date occurs on or prior to the Distribution End Date, Holders of such Credit Securities will suffer a loss of interest and the Credit Securities will be redeemed, in part, early. In the case of such partial early redemption, Holders may not be able to reinvest in a similar product offering a corresponding return.

The credit risk to Holders of Basket Credit Securities may be increased as a result of the concentration of Reference Entities in a particular industry sector or geographic area or the exposure of the Reference Entities to similar financial or other risks.

(f) Increased risks associated with Tranching Credit Securities

Tranching Credit Securities create leveraged exposure to the credit risk of the Reference Entities as the implicit portfolio size or size of the aggregate notional amount of the Reference Portfolio is significantly larger than the aggregate notional amount of the Credit Securities. Investors can lose a significant part or all of their investment even if a Credit Event occurs in respect of only one or a few of the Reference Entities comprising the Reference Portfolio. The value of the Tranching Credit Securities may be more volatile and credit losses experienced by Holders in respect of the Tranching Credit Securities may be greater than would be the case in the absence of such leverage.

The value of the Tranching Credit Securities may also be adversely affected by changes in the relative value of different tranches of credit risk on the Reference Portfolio, which will vary based on, *inter alia*, the views and assumptions of market participants and the supply of and demand for credit protection in relation to each such tranche.

(g) Actions of Reference Entities may affect the value of the Credit Securities

Actions of Reference Entities (for example, merger or demerger or the repayment or transfer of indebtedness) may adversely affect the value of the Credit Securities. Holders of the Credit Securities should be aware that the Reference Entities to which the value of the Credit Securities is exposed, and the terms of such exposure, may change over the term of the Credit Securities. Where a successor Reference Entity is identified, the risks associated with such successor may be greater than the risks associated with the original Reference Entity, resulting in an increased likelihood that a Credit Event will occur and accordingly, an increased risk that Holders may lose some or all of their investment.

(h) Suspension of Obligations will suspend payment of principal and interest

In certain circumstances (for example, where a Credit Event has occurred and the related credit loss has not been determined as at the relevant date for payment, or, if applicable, where a potential Credit Event exists as at the scheduled maturity of the Credit Securities), Holders may be adversely affected where payment of the redemption amount and/or interest on the Credit Securities is deferred for a material period in whole or part without compensation to the Holders of the Credit Securities.

(i) Use of Auction Settlement may adversely affect returns to Holders

Where Credit Securities are redeemed or settled by reference to a market auction process, the losses determined pursuant to such market auction process may be greater than the losses which would have been determined had an alternative settlement method been used. In particular, the auction process may be affected by technical factors or operational errors which would not otherwise apply or may be the subject of actual or attempted manipulation. Where this is the case, Holders of Credit Securities may receive a lower amount on redemption or settlement of their Credit Securities than would otherwise be the case.



(j) Use of Cash Settlement may adversely affect returns to Holders

If the Credit Securities are cash settled, then, following the occurrence of a Credit Event, the Calculation Agent will be required to seek quotations in respect of selected obligations of the affected Reference Entity. Quotations obtained will be "bid-side" - that is, they will be reduced to take account of a bid-offer spread charged by the relevant dealer. Such quotations may not be available, or the level of such quotations may be substantially reduced or may vary substantially as a result of illiquidity in the relevant markets or as a result of factors other than the credit risk of the affected Reference Entity (for example, liquidity constraints affecting market dealers). Accordingly, any quotations so obtained may be significantly lower than the value of the relevant obligation which would be determined by reference to (for example) the present value of related cashflows. Quotations will be deemed to be zero in the event that no such quotations are available. Accordingly, Holders may receive a lower amount on redemption or settlement of their Credit Securities than would otherwise be the case. In relation to the risks applicable to physical settlement, investors should also note the section entitled "Risks associated with Physical Delivery Securities" above.

(k) "Cheapest-to-Deliver" risk

Since the Issuer, as buyer of protection in respect of the Credit Securities has discretion to choose the portfolio of obligations and/or assets to be valued or delivered following a Credit Event in respect of a Reference Entity, it is likely that the portfolio of obligations and/or assets selected will be obligations of the Reference Entity and/or assets with the lowest market value that are permitted to be selected pursuant to the terms of the Credit Securities. This could result in a lower recovery value and hence greater losses for investors in the Credit Securities.

(l) Risks Related to interpretation and operation of terms

The views of market participants and/or legal counsel may differ as to how the terms of market standard credit default swaps, and the corresponding terms of the Credit Securities, should be interpreted, or such terms may operate in a manner contrary to the expectations of market participants and/or adversely to the interests of Holders of the Credit Securities. The market value or return on the Credit Securities may therefore be less than an investor expects to receive at the point at which they purchase the Credit Securities.

(m) Asset Package Delivery risks

In certain circumstances where (a) "Financial Reference Entity Terms" and "Governmental Intervention" apply in respect of a Reference Entity and (i) there is a Governmental Intervention Credit Event; or (ii) a Restructuring Credit Event in respect of the Reference Obligation where such Restructuring does not constitute a Governmental Intervention or (b) a Restructuring Credit Event in respect of a Sovereign, then a related asset package resulting from a prior deliverable obligation (where "Financial Reference Entity Terms" apply) or package observable bond (where the Reference Entity is a sovereign) may be deliverable.

If the resulting asset package is deemed to be zero where there are no resulting assets, the negative impact on Holders could be a related credit loss borne by Holders of 100 per cent. of their investment notwithstanding the recovery value on any other obligations of the Reference Entity.

If an asset in the asset package is a non-transferable instrument or non-financial instrument, the value of such asset will be the market value determined by reference to a specialist valuation or in accordance with methodology determined by the Credit Derivatives Determinations Committees, which valuation may result in losses to be borne by Holders which may be greater than the losses which would have been determined in the absence of such valuation methodology being used. Accordingly, Holders may receive a lower amount on redemption or settlement of their Credit Securities than would otherwise be the case if an alternative settlement method were used.

(n) Increased risks of Zero Recovery Credit Securities or where a specified Final Price is applicable

## RISKS

Where the Credit Securities are Zero Recovery Credit Securities, if a Credit Event occurs in respect of a Reference Entity, investors will automatically lose an amount in principal or notional amount of the Credit Security equal to the portion of the Credit Security which is allocated to the credit risk of the affected Reference Entity, regardless of any recoveries on any obligations of the Reference Entity which would have been determined in the absence of the "Zero Recovery" feature. Likewise, if the Final Price is specified in the Final Terms in relation to Credit Securities, such fixed Final Price may be lower (and may be significantly lower) than the recovery which an investor in bonds or instruments issued by such Reference Entity would receive.

### (o) Risks Associated with Credit Derivatives Determinations Committees

The institutions of the Credit Derivatives Determinations Committee owe no duty to the Holders and have the ability to make determinations that may have a material adverse effect on the Holders, such as the occurrence of a Credit Event or a Succession Event. A Credit Derivatives Determinations Committee may be able to make determinations without action or knowledge of the Holders.

The powers of the Credit Derivatives Determinations Committee may be expanded or modified as a result of amendments to the Credit Derivatives Determinations Committees Rules. Holders may have no role in the composition of any Credit Derivatives Determinations Committee and may have no recourse against either the institutions serving on a Credit Derivatives Determinations Committee or the external reviewers.

### (p) The Calculation Agent may modify the terms of the Credit Securities

The Calculation Agent may, following its determination that there has been a change in the prevailing market standard terms or market trading conventions that affects any hedging transaction, modify the terms of the Credit Securities to the extent reasonably necessary to ensure consistency with the prevailing market standard terms or market trading conventions, without the consent of Holders or prior notice to Holders. The Calculation Agent is not obliged to make any such modifications. If the Calculation Agent modifies the terms of the Credit Securities, it will do so without regard to the interests of the holders of the Credit Securities and any such modification may be prejudicial to the interests of the holder of the Credit Securities in that such a modification may adversely affect the market value of the Credit Securities or the amount which a Holder would be entitled to receive on redemption or settlement of the Credit Securities.

## Risks Relating to the Market

### *Certain factors affecting the value and trading price of Securities*

The trading price of the Securities may be affected by a number of factors including, but not limited to, the relevant price, value or level of the Underlying Reference(s), the time remaining until the scheduled redemption date of the Securities, the actual or implied volatility associated with the Underlying Reference(s) and the correlation risk of the relevant Underlying Reference(s).

The possibility that the value and trading price of the Securities will fluctuate (either positively or negatively) depends on a number of factors, which investors should consider carefully before purchasing or selling Securities, including:

- (a) the trading price of the Securities;
- (b) depending on the applicable payout or coupon or premium amount rates (if applicable), movements in the value and/or volatility of the Underlying Reference may cause the value of the Securities to either rise or fall;
- (c) depending on the applicable payout or coupon or premium amount rates (if applicable), the value of the Securities may fluctuate as the time remaining until the scheduled redemption date decreases;
- (d) in the case of Cash Settled Certificates the probable range of Cash Settlement Amounts;

## RISKS

- (e) depending on the applicable payout or coupon or premium amount rates (if applicable), movements in interest rates and/or dividends (if applicable) may cause the theoretical value of the Securities to either rise or fall;
- (f) any change(s) in currency exchange rates;
- (g) the depth of the market or liquidity of the Underlying Reference as specified in the applicable Final Terms; and
- (h) any related transaction costs.

Such factors may mean that the trading price of the Securities is below the Cash Settlement Amount or the value of the Entitlement, as applicable and accordingly, Holders may receive an amount or an asset with a value significantly lower than the amount that they invested to purchase the Securities.

### *A Security's purchase price may not reflect its inherent value*

Prospective investors in the Securities should be aware that the purchase price of a Security does not necessarily reflect its inherent value. Any difference between a Security's purchase price and its inherent value may be due to a number of different factors including, without limitation, prevailing market conditions and fees, discounts or commissions paid or accorded to the various parties involved in structuring and/or distributing the Security. Any such difference in value could negatively affect the return an investor may receive. For further information prospective investors should refer to the party from whom they are purchasing the Securities. Prospective investors may also wish to seek an independent valuation of Securities prior to their purchase.

### *Possible illiquidity of the Securities in the secondary market*

For certain issues of Securities, BNP Paribas Arbitrage S.N.C. is required to act as market-maker, in which case it will endeavour to maintain a secondary market throughout the life of the Securities. However, during certain periods, it may be difficult, impractical or impossible for BNP Paribas Arbitrage S.N.C. to quote bid and offer prices, and during such periods, it may be difficult, impracticable or impossible to buy or sell these Securities. Adverse market conditions, volatile prices or large price fluctuations, a large marketplace being closed or restricted or experiencing technical problems such as an IT system failure or network disruption could affect BNP Paribas Arbitrage S.N.C.'s ability to maintain a secondary market.

Each Issuer may, but is not obliged to, at any time purchase Securities at any price in the open market or by tender or private offer/treaty. Any Manager may also be a market-maker for an issue of Securities but, unless Buy-back Provisions are specified as applicable in the applicable Final Terms (in which case a Manager will be a market-maker on certain specified terms), it is not obliged to and may cease to do so at any time. Even if a Manager is a market-maker for an issue of Securities (including where BNP Paribas Arbitrage S.N.C. acts as market-maker), the secondary market for such Securities may be limited.

The only means through which a Holder can realise value from their Securities prior to its Redemption Date is to sell them at the market price in an available secondary market, which may be a lower price than a Holder's original investment. If there is no or a limited secondary market for the Securities and the Holder is unable to sell its Securities they will have to wait until redemption of the Securities to realise any value.

Securities sold in the United States or to U.S. persons may be subject to transfer restrictions, which will also limit a Holder's ability to sell their Securities prior to redemption.

### *Effect of credit rating reduction*

The value of the Securities is expected to be affected, in part, by investors' general appraisal of the creditworthiness of the relevant Issuer and, if applicable, the Guarantor. Such perceptions are generally influenced by the ratings attributed to the outstanding securities of BNPP B.V. or BNPP by standard statistical rating services, such as S&P Global Ratings

Europe Limited, Fitch Ratings Ireland Limited, Moody's France SAS and Moody's Investors Service Ltd. A reduction in the rating, if any, attributed to outstanding debt securities of BNPP B.V. or BNPP by one of these rating agencies could result in a reduction in the trading value of the Securities.

*Risks associated with Securities with a nexus to emerging markets*

Where the value and return an investor can expect to receive in respect of the Securities depends on the performance of one or more Underlying References issued by issuers located in, or subject to regulation in, emerging or developing countries, denominated in the currency of, or are traded in, emerging or developing countries or where the Securities are denominated in currencies of emerging or developing countries, Holders are exposed to greater risks associated with political and economic uncertainty, adverse governmental policies, restrictions on foreign investment and currency convertibility, currency exchange rate fluctuations, possible lower levels of disclosure and regulation, and uncertainties as to the status, interpretation and application of laws including, but not limited to, those relating to expropriation, nationalisation and confiscation. Holders of Securities with such a nexus to emerging or developing countries are exposed to the risk that such Securities may be less liquid and the prices of such Securities more volatile, thus increasing the risk that such Holders may experience a loss on their investment. In addition, settlement of trades in such markets may be slower and more likely to be subject to failure than in markets in developed countries.

Investors in such Securities should also be aware that the probability of the occurrence of a Hedging Disruption Event (or other Adjustment Event under the relevant terms of the Securities as set out further in the Security Conditions) and consequently loss of investment or profit by an investor may be higher for certain developing or emerging markets.

*Exchange control risks*

There is a risk that authorities with jurisdiction over the Settlement Currency (as specified in the applicable Final Terms) and/or the currency in which the Underlying Reference is denominated, such as government and monetary authorities, may impose or modify (as some have done in the past) exchange controls that could adversely affect an applicable exchange rate or the ability to transfer of funds in and out of the relevant country. Such exchange controls, if imposed would have a negative impact on the amount a Holder is able to realise from Securities denominated in an affected Settlement Currency or referencing an affected Underlying Reference.

The imposition of exchange controls in respect of a Relevant Currency could significantly increase the risk of an FX Settlement Disruption Event (as defined in Security Condition 5.6 (*FX Settlement Disruption Event*)) occurring. If an FX Settlement Disruption Event occurs payments of principal and/or interest (if applicable) may (i) occur at a different time than expected and that no additional amount of interest or premium amount will be payable in respect of any delay in payment of principal and/or interest or premium amount and (ii) be made in USD. The occurrence of an FX Settlement Disruption Event could have a significant adverse impact on the amount a Holder receives in respect of the Securities and may mean that the Holder is unable to receive payment in the desired currency. If the Holder receives payment in USD, it may not be able to exchange the amount received into the relevant Settlement Currency or it may only be able to do so at an exchange rate that significantly adversely impacts the amount the Holder ultimately receives in the Settlement Currency.

*Risks associated with Securities denominated in Renminbi*

Renminbi is not completely freely convertible at present. The PRC government continues to regulate conversion between Renminbi and foreign currencies, including the Hong Kong dollar, although control by the PRC government over routine foreign exchange transactions under current accounts has decreased over the years.

Remittance of Renminbi into and out of the PRC for the settlement of capital account items is generally only permitted upon obtaining specific approvals from, or completing specific registrations or filings with, the relevant authorities on a case-by-case basis and is subject to strict monitoring system. Regulations in the PRC on the remittance of Renminbi into

the PRC for settlement of capital account items are being developed gradually and will be subject to interpretation and application by the relevant authorities in the PRC.

From 1 October 2016 Renminbi was added to the Special Drawing Rights basket created by the International Monetary Fund; however, the PRC government may not continue to gradually liberalise the control over cross-border Renminbi remittances in the future or that new PRC regulations will not be promulgated in the future which have the effect of restricting or eliminating the remittance of Renminbi into or outside the PRC. Furthermore, if any new PRC regulations are promulgated in the future which have the effect of permitting or restricting (as the case may be) the remittance of Renminbi for payment of transactions categorised as capital account items, then such remittances will need to be made subject to the specific requirements or restrictions set out in such rules. Such restrictions may negatively affect the liquidity and value of Securities denominated in Renminbi.

As a result of the restrictions by the PRC government on cross-border Renminbi fund flows, the availability of Renminbi outside of the PRC is limited. Currently, financial institutions in a number of financial centres and cities (each a "**RMB Clearing Bank**") have entered into settlement agreements (the "**Settlement Agreements**") with the People's Bank of China ("**PBOC**") to act as the RMB clearing bank.

However, the current size of Renminbi-denominated financial assets outside the PRC is limited. Renminbi business participating banks do not have direct Renminbi liquidity support from PBOC and the relevant RMB Clearing Bank only has access to onshore liquidity support from PBOC to square open positions of participating banks for limited types of transactions, including open positions resulting from conversion services for corporations relating to cross-border trade settlement. The relevant RMB Clearing Bank is not obliged to square for participating banks any open positions resulting from other foreign exchange transactions or conversion services and the participating banks will need to source Renminbi from the offshore market to square such open positions.

The offshore Renminbi market is subject to many constraints as a result of PRC laws and regulations on foreign exchange. New PRC regulations may be promulgated or the Settlement Agreement may be terminated or amended in the future which will have the effect of further restricting availability of Renminbi offshore. The limited availability of Renminbi outside the PRC may affect the liquidity of the Securities. To the extent the Issuer is required to source Renminbi in the offshore market to service its Securities, the Issuer may not be able to source such Renminbi on satisfactory terms, if at all. If Renminbi is not available, in certain circumstances as described in the Conditions applicable to the Securities, the Issuer can make payments under the Securities in the Equivalent Amount Settlement Currency, which may negatively affect the amount the Holder receives in respect of Securities denominated in Renminbi.

## Legal Risks

### *Meetings of Holders*

The Terms and Conditions of the Securities contain provisions for calling meetings (including by way of conference call or by use of a video conference platform) of Holders to consider matters affecting their interests generally (see Security Condition 9 (*Meetings of Holders*)). These provisions permit defined majorities to bind all Holders, including Holders who did not attend and vote at the relevant meeting, Holders who did not consent to the Written Resolutions and Holders who voted in a manner contrary to the majority. General meetings or written consultations may deliberate on any proposal relating to the modification of the conditions of the Securities subject, in the case of French Law Securities, to the limitations provided by French law. Only holders of French Law Securities will, in certain circumstances, be grouped for the defence of their common interests in a separate legal entity called "*Masse*" (as defined in Security Condition 9.4(b) (*Meetings of Holders – French Law Securities*)). While it is not possible to assess the likelihood that the Conditions will need to be amended during the term of the Securities by a meeting of the Holders, if a decision is adopted by a majority of Holders and such modifications impair or limit the rights of Holders, this may negatively affect the market value of the Securities, although the probability of such a decision being taken by Holders is considered to be low.

*The Issuer or the Guarantor (if applicable) may be substituted by another entity*

The conditions of the Securities provide (except in the case of U.S. Securities) that the Issuer may, following the occurrence of certain events, without the consent of the Holders, agree to the substitution of another company as the principal obligor under any Securities in place of the Issuer, subject to the conditions set out in Security Condition 13.2 (*Substitution of the Issuer or the Guarantor*). In particular, where the substitute is not BNPP, BNPP will guarantee the performance of the substitute's obligations under the Securities.

The conditions of the Securities also provide that the Issuer may, following the occurrence of certain events, without the consent of the Holders agree to the substitution of another company as the guarantor in respect of any Securities issued by BNPP B.V. in place of BNPP, subject to the conditions set out in Security Condition 13.5 (*Substitution of the Issuer or the Guarantor*). In particular, the creditworthiness of the substitute guarantor must be at least equal to that of BNPP, as determined by the Calculation Agent, acting in good faith and in a commercially reasonable manner, by reference to, *inter alia*, the long term senior debt ratings assigned by such rating agencies as the Calculation Agent determines.

Each of the Issuer and the Guarantor shall only exercise a substitution of the Issuer or the Guarantor if (i) a Substitution Event has occurred and (ii) it has obtained from the Substitute Issuer or Substitute Guarantor, as the case may be, an undertaking that the substitution would not have a material impact on the interests of the Holders. Despite this, any such substitution may negatively affect the value of the Securities.

The Issuer will give Holders notice of such substitution in accordance with Security Condition 10 (Notices).

*Risks related to the intragroup merger of BNP Paribas Securities Services SCA and its parent company, BNP Paribas SA*

BNPP and BNP Paribas Securities Services SCA ("**BP2S**") are implementing an intragroup reorganisation pursuant to which BNPP, as the "absorbing entity", will merge with BP2S, as the "absorbed entity", pursuant to the simplified merger regime (*fusion simplifiée*), which is governed by Articles L. 236-1 et seq. of the French Commercial Code (*Code de commerce*).

As of the date of this Base Prospectus, BP2S acts as Principal Security Agent, Registrar and Collateral Custodian (through its branch in Luxembourg), Madrid Security Agent (through its branch in Madrid), French Security Agent, Italian Security Agent (through its branch in Milan), Frankfurt Security Agent (through its branch in Frankfurt), Swiss issuing and paying agent (through its branch in Zurich) and Polish Security Agent (through its branch in Poland) under the Programme.

As of the date of this Base Prospectus, the intragroup merger is due to take place on 1 October 2022, subject to ongoing consultation with local work councils in some countries. BP2S is currently a distinct legal entity within the BNP Paribas Group, although it is wholly owned by BNPP. The intragroup merger will see this distinct legal entity cease to exist and the business of BP2S will instead be provided via BNPP. Following the intragroup merger, BNPP will become Principal Security Agent, Registrar and Collateral Custodian (through its branch in Luxembourg), Madrid Security Agent (through its branch in Madrid), French Security Agent, Italian Security Agent (through its branch in Milan), Frankfurt Security Agent (through its branch in Frankfurt), Swiss issuing and paying agent (through its branch in Zurich) and Polish Security Agent (through its branch in Warsaw) under the Programme.

The intragroup merger could impact the continuity of business operations, particularly when unrelated companies are involved. Since BP2S is a consolidated subsidiary of BNPP, the intragroup merger is not expected to have any material adverse effect on the business of BP2S or BNPP.

*Potential Conflicts of Interest*

BNPP, BNPP B.V. and/or any of their respective Affiliates or agents or, in the case of Actively Managed Securities, the relevant Basket Allocation Agent (as applicable), may engage in activities or arrangements in a range of capacities that may result in conflicts of interest between their own financial interests and those of any Holders, for example, by:

- (i) engaging in trading activities (including hedging activities) relating to the Underlying Reference or Reference Entity and other instruments or derivative products based on or relating to the Underlying Reference or Reference Entity of any Securities for their proprietary accounts or for other accounts under their management;
- (ii) underwriting future offerings of shares or other securities relating to an issue of Securities or acting as financial adviser or in a commercial banking capacity to certain companies or companies whose shares or other securities are included in a basket in respect of a Series of Securities;
- (iii) acting in a number of different capacities in relation to an underlying Index (including a Custom Index), including, but not limited to, as issuer of the constituents of the Index (or Custom Index, as the case may be), index sponsor or calculation agent;
- (iv) engaging in business, such as investing in, extending loans to, providing advisory services to, entering into financing or derivative transactions with a company that has issued shares or a debt instrument, a fund that has issued fund shares or units, an exchange traded instrument comprising the relevant Underlying Reference or a Reference Entity;
- (v) receiving a fee for performing any services or entering into any transactions described above;
- (vi) publishing research reports relating to any Underlying Reference or Reference Entity, which express views that are inconsistent with purchasing or holding the Securities;
- (vii) making determinations regarding the occurrence of various events in respect of the Securities and the applicable consequences in its role as Calculation Agent or Issuer, as the case may be, of the Securities.

Any of the conflicts of interest described above could have a material adverse effect on the value of the Securities and the return a Holder can expect to receive on their Securities, as none of BNPP, BNPP B.V. and/or any of their respective Affiliates or agents or, in the case of Actively Managed Securities, the relevant Basket Allocation Agent, acting in any capacity, is required to have regard to the interests of the Holders. Investors should also refer to the description of the role of the Calculation Agent in the "*Investment Considerations*" section below.

Following the intragroup merger of BP2S and BNPP described in "*Risks related to the intragroup merger of BNP Paribas Securities Services SCA and its parent company, BNP Paribas SA*" above, BNPP will perform various agency roles in place of BP2S (including its branches in various jurisdictions) under the Programme. As a result, potential conflicts of interest may arise between these roles. Such potential conflicts of interests are mitigated using different management teams and information barriers within BNPP, but the possibility of conflicts of interest arising cannot be completely eliminated.

*Change of law*

The Terms and Conditions of English Law Securities are based on English law in effect as at the date of this Base Prospectus. The Terms and Conditions of French Law Securities are based on French law in effect as at the date of this Base Prospectus. The possible impact of any judicial decision or change to an administrative practice or change to English law or French law, as applicable, after the date of this Base Prospectus is unknown and any such change could materially adversely impact the value of any Securities affected by it.

### *Termination of Securities in the event of illegality or impracticability*

If the Issuer determines that the performance of its obligations under the Securities has become illegal, impossible or impracticable in whole or in part for any reason, the Issuer may redeem the Securities by paying to each Holder the Early Redemption Amount (as defined in "*Investment Considerations*" below) specified in the applicable Final Terms. Such redemption may result in an investor losing some or all of their investment in the Securities.

### *French Insolvency Law*

BNPP is a *société anonyme* with its corporate seat in France. In the event that BNPP becomes insolvent, insolvency proceedings will generally be governed by the insolvency laws of France to the extent that, where applicable, the "*centre of main interests*" (as construed under Regulation (EU) 2015/848, as amended) of BNPP is located in France.

Directive (EU) 2019/1023 on preventive restructuring frameworks, on discharge of debt and disqualifications and on measures to increase the efficiency of procedures concerning restructuring, insolvency and discharge of debt, and amending Directive (EU) 2017/1132 has been transposed into French law by *Ordonnance* 2021-1193 dated 15 September 2021. Such *ordonnance*, which has applied since 1 October 2021, amends French insolvency laws notably with regard to the process of adopting restructuring plans under insolvency proceedings. According to this *ordonnance*, "affected parties" (including in particular creditors, and therefore, the Holders) shall be treated in separate classes which reflect certain class formation criteria for the purpose of adopting a restructuring plan. Classes will be formed in such a way that each class comprises claims or interests with rights that reflect a sufficient common interest based on verifiable criteria. Holders will no longer deliberate on the proposed restructuring plan in a separate assembly, meaning that they will no longer benefit from a specific veto power on this plan. Instead, Holders will be treated the same way as other affected parties and will be grouped into one or more classes (potentially including other types of creditors) and their dissenting vote may be overridden by a cross-class cram down.

Neither the scope of Directive (EU) 2019/1023 nor the scope of the *ordonnance* cover financial institutions, unless the competent authority chooses to make them applicable. As a consequence, the application of French insolvency law to a credit institution, such as BNPP, is also subject to the prior permission of the *Autorité de contrôle prudentiel et de résolution* before the opening of any safeguard, judicial reorganisation or liquidation procedures. This limitation will affect the ability of the Holders to recover their investments in the Securities.

The commencement of insolvency proceedings against BNPP would have a material adverse effect on the market value of Securities issued by BNPP. As a consequence, any decisions taken by a class of affected parties could negatively and significantly impact the Holders and could result in a loss of some or all of their investment, should they not be able to recover some or all of the amounts due to them from BNPP.

### *The implementation of the EU Bank Recovery and Resolution Directive could materially affect the Securities and their Holders*

Directive 2014/59/EU, as amended by Directive (EU) 2019/879 of the European Parliament and of the Council of 20 May 2019 (the "**Bank Recovery and Resolution Directive**" or "**BRRD**") provides for the establishment of an EU-wide framework for the recovery and resolution of credit institutions and investment firms. The BRRD has been implemented in France by several legislative texts to provide relevant resolution authorities with, among other powers, a credible set of tools (the "**BRRD Resolution Tools**") to intervene sufficiently early and quickly in an unsound or failing institution so as to ensure the continuity of that institution's critical financial and economic functions, while minimising the impact of its potential failure on the economy and financial system.

Following a review of BRRD, Directive no. 2019/879/EU of the European Parliament and of the Council of 20 May 2019 amending Directive 2014/59/EU as regards the loss-absorbing and recapitalisation capacity of credit institutions and investment firms and Directive 98/26/EC ("**BRRD 2**") was adopted.



## RISKS

BRRD 2 was transposed into French law by Ordinance n°2020-1636 of 20 December 2020 relating to the resolution regime in the banking sector and Decree n°2020-1703 of 24 December 2020 relating to the resolution regime in the banking sector and took effect from 28 December 2020.

In respect of Securities where BNPP is the Issuer or the Guarantor, if BNPP is determined to be failing or likely to fail within the meaning of, and under the conditions set by the BRRD, and the relevant resolution authority applies any, or a combination, of the BRRD Resolution Tools (including, a sale of the business, the creation of a bridge institution, asset separation or bail-in), any shortfall from the sale of BNPP's assets may lead to a partial reduction in the outstanding amounts of certain claims of unsecured creditors of that entity (including, as the case may be, the Securities or the Guarantee), or, in a worst case scenario, a reduction to zero. The unsecured debt claims of BNPP (including, as the case may be, the Securities or the Guarantee) might also be converted into equity or other instruments of ownership, in accordance with the hierarchy of claims in normal insolvency proceedings, which equity or other instruments could also be subject to any future cancellation, transfer or dilution (such reduction or cancellation being first on common equity tier one instruments, thereafter the reduction, cancellation or conversion being on additional tier one instruments, then tier two instruments and other subordinated debts, then other eligible liabilities). The relevant resolution authority may also seek to amend the terms (such as varying the date for redemption) of any outstanding unsecured debt securities (including, as the case may be, the Securities or the Guarantee) (all as further described in Condition 37 (*Recognition of Bail-in and Loss Absorption*)).

Public financial support to resolve the Issuer (or the Guarantor, as the case may be) where there is a risk of failure will only be used as a last resort, after having assessed and applied the resolution tools above, including the bail-in tool, to the maximum extent possible whilst maintaining financial stability.

The exercise of any power under the BRRD by the relevant resolution authority or any suggestion that such powers may be exercised could materially adversely affect the rights of the Holders of Securities, the price or value of their investment in the Securities and/or the ability of the Issuer or the Guarantor, as the case may be, to satisfy its obligations under the Securities or the Guarantee, respectively. As a result, Holders of Securities could lose all or a substantial part of their investment in the Securities.

*The regulation and reform of "benchmarks" may adversely affect the value of Securities linked to or referencing such "benchmarks"*

A number of major interest rates (including the Euro Interbank Offered Rate ("**EURIBOR**")), other rates, indices and other published values or benchmarks are the subject of national, international and other regulatory guidance and proposals for reform. These reforms may cause such benchmarks to perform differently than in the past, to disappear entirely or have other consequences which cannot be predicted. Any such consequence could have a material adverse effect on the value of and return on Securities linked to any such value or benchmark.

The Regulation (EU) 2016/1011 on indices used as benchmarks in financial instruments and financial contracts or to measure the performance of investment funds (the "**EU Benchmarks Regulation**") is a key element of ongoing regulatory reform in the EU and has applied, subject to certain transitional provisions, since 1 January 2018. In addition to so-called "critical benchmark" indices, such as EURIBOR, other interest rates, foreign exchange rates, and indices, including equity, commodity and "proprietary" indices or strategies, will in most cases be within scope of the EU Benchmarks Regulation as "benchmarks" where they are used to determine the amount payable under, or the value of, certain financial instruments (including securities listed on an EU regulated market, EU multilateral trading facility ("**MTF**"), EU organised trading facility ("**OTF**") or via a systematic internaliser). Regulation (EU) 2016/1011 as it forms part of domestic law by virtue of the European Union (Withdrawal) Act 2018 (the "**UK Benchmarks Regulation**") is the relevant regulatory regime applicable to, among other things, the provision of benchmarks and the use of a benchmark in the UK.

## RISKS

The EU Benchmarks Regulation applies to the contribution of input data to a benchmark, the administration of a benchmark, and the use of a benchmark in the EU. Amongst other things, the EU Benchmarks Regulation requires EU benchmark administrators to be authorised or registered as such and to comply with extensive requirements relating to benchmark administration. It also prohibits certain uses by EU supervised entities of (a) benchmarks provided by EU administrators which are not authorised or registered in accordance with the EU Benchmarks Regulation and (b) benchmarks provided by non-EU administrators where (i) the administrator's regulatory regime has not been determined to be "equivalent" to that of the EU, (ii) the administrator has not been recognised in accordance with the EU Benchmarks Regulation, or (iii) the benchmark has not been endorsed in accordance with the EU Benchmarks Regulation. Similarly, the UK Benchmarks Regulation prohibits the use of in the UK by UK supervised entities of benchmarks of administrators that are not authorised by the Financial Conduct Authority (the "FCA") or registered on the FCA register (or, if not based in the UK, not deemed equivalent or recognised or endorsed).

The EU Benchmarks Regulation and/or the UK Benchmarks Regulation, as applicable, could have a material adverse impact on any Securities for which a request for admission to trading on a trading venue has been made, or which are traded on a trading venue or via a "systematic internaliser" linked to, referencing or otherwise dependent (in whole or in part) upon a "benchmark" for the purposes of the EU Benchmarks Regulation and/or UK Benchmarks Regulation, as applicable.

Any of the above changes or any other consequential changes to any benchmark may result in:

- the level of the published rate or the level of the "benchmark" or the volatility of the published rate or level being adversely affected;
- an increase in the costs and risks of administering or otherwise participating in the setting of a "benchmark" and complying with such regulations or requirements;
- the "benchmark" (including certain currencies or tenors of benchmarks) being discontinued or otherwise unavailable, which may result in the rate of interest in respect of the Securities (if any) being determined based on any applicable fallback provisions;
- the methodology or other terms of the benchmark being changed in order to comply with regulatory requirements;
- the occurrence of an Administrator/Benchmark Event (as further described under "*Risks associated with the occurrence of an Administrator/Benchmark Event*" below); or
- have other adverse effects or unforeseen consequences.

Any such consequences could have a material adverse effect on the value of and return on any Securities and/or could lead to the Securities being de-listed, adjusted, redeemed early following the occurrence of an Administrator/Benchmark Event, subject to discretionary valuation or adjustment by the Calculation Agent or otherwise impacted depending on the particular "benchmark" and the applicable terms of the Securities. This could also negatively affect the liquidity of the Securities and a Holder's ability to sell their Securities in the secondary market.

The Benchmarks Regulation was further amended by Regulation (EU) 2021/168 of the European Parliament and of the Council of 10 February 2021 which introduces a harmonised approach to deal with the cessation or wind-down of certain benchmarks (such as EURIBOR) by conferring the power to designate a statutory replacement for said benchmarks on the Commission or the relevant national authority in certain circumstances, such replacement being limited to contracts and financial instruments (such as certain Securities) which contain no fallback provision or no suitable fallback provisions and where certain trigger events relating to non-representativeness or cessation or wind down of the benchmark are met. In general, parties can opt out of the statutory replacement where all parties, or the required majority of parties, to a contract or financial instrument have agreed to apply a different replacement for a benchmark before or after entry

into force of the implementing act. A statutory replacement benchmark could have a negative impact on the value or liquidity of, and return on, certain Securities linked to or referencing such benchmark and may not operate as intended at the relevant time or may perform differently from the discontinued or otherwise unavailable benchmark.

In addition Regulation (EU) 2021/168 is subject to further development through delegated regulations and the transitional provisions applicable to third-country benchmarks are extended until the end of 2023 (and the Commission is empowered to further extend this period until the end of 2025, if necessary). There are therefore still details to be clarified in relation to the potential impact of these legislative developments. Accordingly, there may be a risk that a statutory replacement benchmark may be designated if, for instance, a replacement benchmark determined in accordance with the fallback provisions is deemed unsuitable as its application no longer reflects or significantly diverges from the underlying market or the economic reality that the benchmark in cessation is intended to measure (and where certain other conditions are satisfied, including one of the parties objecting to the contractually agreed fallback).

### *Risks associated with the occurrence of an Administrator/Benchmark Event*

If specified as an Optional Additional Disruption Event in the applicable Final Terms, the occurrence of an Administrator/Benchmark Event (as defined in Security Condition 15 (*Additional Disruption Events and Optional Additional Disruption Events*)) and more fully described in the "Investment Considerations" section below) may lead to redemption or adjustment of the Securities. Any such adjustment or redemption of the Securities following the occurrence of an Administrator/Benchmark Event may have an adverse effect on the value and liquidity of such Securities and accordingly the amount Holders can expect to receive on their investment.

### *The implementation of SOFR Replacement Conforming Changes could adversely affect Holders*

Under the fallback provisions applicable to Securities that pay a floating rate of interest by reference to the Secured Overnight Financing Rate ("**SOFR**") (whether a compounded rate or the SOFR Index), if a particular SOFR Replacement or SOFR Replacement Adjustment (each as defined in Security Condition 32(d)(iii)(C)IV.) cannot be determined, then the next-available SOFR Replacement or SOFR Replacement Adjustment will apply. These replacement rates and adjustments may be selected or formulated by (i) the Relevant Governmental Body (as defined in Security Condition 32(d)(iii)(C)III. (*Interest – Screen Rate Determination – SOFR*)), (ii) ISDA or (iii) in certain circumstances, the Calculation Agent and/or the Replacement Rate Determination Agent.

In addition, the fallback provisions permit the Replacement Rate Determination Agent to make certain changes (which are defined in Security Condition 32(d)(iii)(C)IV. as "SOFR Replacement Conforming Changes") with respect to, among other things, the timing and frequency of determining rates and making payments of interest. The application of a SOFR Replacement and SOFR Replacement Adjustment and any implementation of SOFR Replacement Conforming Changes could reduce the amount of interest payable in respect of an interest period, which could adversely affect the return on, value of and market for the Securities. Furthermore, the characteristics of any SOFR Replacement may not be similar to the then-current SOFR benchmark that it is replacing and/or any SOFR Replacement may not produce the economic equivalent of the then-current SOFR benchmark that it is replacing.

### *The discontinuation of Interbank Offered Rates may adversely affect the value of the Securities*

Sterling, Euro, Swiss Franc and Japanese Yen London Interbank Offered Rates ("**LIBOR**"), across all tenors, and U.S. dollar LIBOR 1 week and 2 month tenors, either ceased to exist entirely, or became non-representative of the underlying market and economic reality that such rates were intended to measure, immediately after 31 December 2021 and U.S. dollar LIBOR overnight, 1, 3, 6 and 12 month tenors will either cease to exist entirely or will become non-representative immediately after 30 June 2023. The future of EURIBOR is also uncertain. Amongst other developments, new issuances of products referencing LIBOR are no longer permitted (except in very limited circumstances) and relevant authorities are strongly encouraging the transition away from Interbank Offered Rates ("**IBORs**"), such as EURIBOR. A number of "risk free rates" have been identified to take the place of such IBORs as primary benchmarks. This includes (i) for sterling

## RISKS

LIBOR, a reformed Sterling Overnight Index Average ("**SONIA**") as the primary Sterling interest rate benchmark, (ii) for EONIA and EURIBOR, Euro Short-Term Rate ("**€STR**") as the new euro risk free rate, (iii) for USD LIBOR, SOFR as the primary U.S. dollar interest rate benchmark, (iv) for CHF LIBOR, the daily Swiss Average Rate Overnight ("**SARON**") as the primary Swiss Franc interest rate benchmark and (v) for JPY LIBOR, the Tokyo Overnight Average Rate ("**TONA**") as a Japanese Yen interest rate benchmark. The risk free rates have a different methodology and other important differences from the IBORs they have replaced, a limited historical track record and may be subject to changes in their methodology. Uncertainties in the development of these risk free rates could have a material adverse effect on the value of and return on Securities linked to any such rates.

The reforms and eventual replacement of EURIBOR with €STR may cause EURIBOR to perform differently than in the past, to disappear entirely, or have other consequences which cannot be predicted.

Investors in Securities referencing EURIBOR as an Underlying Interest Rate, or EURIBOR or STIBOR as a floating rate of interest or Premium Amount Rate face the risk that such rate will be discontinued or otherwise unavailable during the term of their Securities, in which case the rate of interest on the Securities will be determined for the relevant period by the fall-back provisions applicable to the Securities. Depending on the manner in which EURIBOR or STIBOR is to be determined under the Terms and Conditions, this may in certain circumstances result in (i) the application of a backward looking, risk free overnight rate, whereas EURIBOR and STIBOR are expressed on the basis of a forward looking term and include a risk element based on inter bank lending, (ii) result in the effective application of a fixed rate based on the rate which applied in the previous period when EURIBOR or STIBOR, as the case may be, was available, or (iii) be determined by reference to an alternative rate selected by an institution with authority consistent with industry accepted standards or, in the absence of such alternative rate, by a third party agent appointed by the Calculation Agent. As the replacement rate will not be identical to the original rate (and may not be comparable), any of the foregoing circumstances could have a significant adverse effect on the value or liquidity of, and return on, the Securities. In addition, any Holders of such Securities that enter into hedging instruments based on the original replacement reference rate may find their hedges to be ineffective, and they may incur costs replacing such hedges with instruments tied to the new replacement reference rate.

*The market continues to develop in relation to SONIA, SOFR, €STR, SARON and TONA as reference rates for Securities that pay a floating rate of interest*

Where the applicable Final Terms specifies that the Rate of Interest or Rate in respect of the Securities will be determined by reference to SONIA, SOFR, €STR, SARON or TONA, the Rate of Interest or Rate will be determined by reference to the Compounded Daily SONIA (including on the basis of the SONIA Index published by the relevant administrator or other information service specified in the applicable Final Terms), Weighted Average SONIA, Compounded Daily SOFR (including on the basis of the SOFR Index published on the NY Federal Reserve Website), SOFR Arithmetic Mean, Compounded Daily €STR, Compounded Daily SARON or Compounded Daily TONA, as specified in the applicable Final Terms.

The ongoing development of compounded daily SONIA, SOFR, €STR, SARON and TONA as reference rates in the capital markets, as well as continued development of SONIA-, SOFR-, €STR, SARON and TONA-based rates for such markets and the market infrastructure for adopting such rates, could result in reduced liquidity or increased volatility or could otherwise affect the market price of any Securities that reference a SONIA, SOFR, €STR, SARON or TONA rate, as applicable.

The market, or a significant part thereof, may adopt an application of SONIA, SOFR, €STR, SARON and TONA that differs significantly from that set out in the Conditions and used in relation to Securities that pay a floating rate of interest that reference a SONIA, SOFR, €STR, SARON and TONA rate issued under this Base Prospectus. Interest on Securities which reference a SONIA, SOFR, €STR, SARON and TONA rate is only capable of being determined at the end of the relevant Interest Period and shortly prior to the relevant Interest Payment Date. It may be difficult for investors in Securities that reference a SONIA, SOFR, €STR, SARON and TONA rate to estimate reliably the amount of interest that

will be payable on such Securities, which could adversely impact the liquidity of such Securities. In contrast to Securities that pay a floating rate of interest referencing a term rate, such as EURIBOR or STIBOR, if Securities referencing compounded daily or single daily SONIA, SOFR, €STR, SARON or TONA are redeemed early and accrued interest is payable on such redemption in respect of a period which is not an Interest Period, the final Rate of Interest payable in respect of such Securities will only be determined at the due date for redemption.

In addition, the manner of adoption or application of SONIA, SOFR, €STR, SARON and TONA reference rates in the Eurobond markets may differ materially compared with the application and adoption of SONIA, SOFR, €STR, SARON and TONA in other markets, such as the derivative and loan markets. Any such mismatch between the adoption of SONIA, SOFR, €STR, SARON and TONA reference rates across these markets may adversely impact any hedging or other financial arrangements which a Holder has in connection with any acquisition, holding or disposal of any Securities referencing a SONIA, SOFR, €STR, SARON or TONA rate and could have a material adverse impact on such Holders' investments.

To the extent the SONIA, SOFR, €STR, SARON or TONA rate is not published, the applicable rate to be used to calculate the Rate of Interest or Rate in respect of an Interest Period, will be determined using the fallback provisions set out in the Conditions. Any of these fallback provisions may result in interest payments that are lower than, or do not otherwise correlate over time with, the payments that would have been made on the Securities if the SONIA, SOFR, €STR, SARON or TONA rate had been published as expected as of the Issue Date of the Securities. In addition, application of the fallback provisions may result in the effective application of a fixed rate of interest in respect of the Securities.

*Investors will not know in advance the interest amount payable on Securities which is calculated by reference to SONIA, SOFR, €STR, SARON or TONA*

The rate of interest on the Securities may be calculated by reference to SONIA, SOFR, €STR, SARON or TONA. Because such rates are overnight funding rates, interest on Securities that reference such rates with Interest Periods longer than overnight will be calculated on the basis of (a) in the case of SONIA, (i) the weighted average mean of SONIA over the relevant Observation Lookback Period in respect of an Interest Period or where SONIA is fixed for a certain number of days prior to the end of the relevant Interest Period, (ii) a compounded SONIA (x) in respect of the Interest Period, provided that the SONIA used as the basis for calculation is that which was published a specified number of days prior to the observation date or (y) in respect of a period that starts a specified number of days prior to the relevant Interest Period and ends the same specified number of days prior to the end of such Interest Period or (ii) calculated by reference to the SONIA Index published by the administrator of the SONIA reference rate, (b) in the case of SOFR, (i) the arithmetic mean of SOFR over the relevant Interest Period, where the SOFR is fixed for a certain number of days prior to the end of such Interest Period, (ii) a compounded SOFR (x) in respect of the Interest Period, provided that the SOFR used as the basis for calculation is that which was published a specified number of days prior to the observation date or (y) in respect of a period that starts a specified number of days prior to the relevant Interest Period and ends the same specified number of days prior to the end of such Interest Period or (iii) calculated by reference to the SOFR Index published on the NY Federal Reserve Website, (c) in the case of €STR, a compounded €STR (x) in respect of the Interest Period, provided that €STR used as the basis for calculation is that which was published a specified number of days prior to the observation date or (y) in respect of a period that starts a specified number of days prior to the relevant Interest Period and ends the same specified number of days prior to the end of such Interest Period, (d) in the case of SARON, a compounded SARON in respect of a period that starts a specified number of days prior to the relevant Interest Period and ends the same specified number of days prior to the end of such Interest Period or (e) in the case of TONA, a compounded TONA (i) in respect of the Interest Period, provided that the TONA used as the basis for calculation is that which was published a specified number of days prior to the observation date or (ii) in respect of a period that starts a specified number of days prior to the relevant Interest Period and ends the same specified number of days prior to the end of such Interest Period. As a consequence of these calculation methods, the amount of interest payable on each interest payment date will only be known a short period of time prior to the relevant interest payment date. Investors therefore will not know in advance the

interest amount which will be payable on such Securities and there is a possibility that such amount could be lower than expected.

*Any failure of SOFR to gain market acceptance could adversely affect Holders of Securities that pay a floating rate of interest referencing SOFR*

Holders of Securities that pay a floating rate of interest that references SOFR are exposed to the risk that such rate may not be widely accepted in the market. The risk of this occurring is mitigated by the fact that SOFR was developed for use in certain U.S. dollar derivatives and other financial contracts as an alternative to LIBOR in part because it is considered to be a good representation of general funding conditions in the overnight U.S. Treasury repo market. However, as a rate based on transactions secured by U.S. Treasury securities, it does not measure bank-specific credit risk and, as a result, is less likely to correlate with the unsecured short-term funding costs of banks. This may mean that market participants would not consider SOFR to be a suitable substitute or successor for all of the purposes for which LIBOR historically has been used (including, without limitation, as a representation of the unsecured short-term funding costs of banks), which may, in turn, lessen its market acceptance. Any failure of SOFR to gain or maintain market acceptance could adversely affect the return on, value of and market for Securities that pay a floating rate of interest referencing SOFR.

*If proceeds of Green Bonds are not applied, are not certificated or listed as expected the Securities may be adversely affected*

The applicable Final Terms may provide that it will be the relevant Issuer's intention to apply the proceeds of issuance of the relevant Series of Securities to Eligible Green Assets, as defined in and further described in the BNP Paribas Green Bond Framework, as amended and supplemented from time to time (the "**Green Bond Framework**"), which is available on the following website: <https://invest.bnpparibas/en/document/green-bond-framework-october-2021>. The term "**Green Bonds**" as used in this risk factor means any Securities to be issued in accordance with the Green Bond Framework.

Any:

- (i) failure to apply the proceeds of any issue of Green Bonds to any Eligible Green Assets;
- (ii) withdrawal of any opinion or certification or any opinion or certification being superseded by an opinion or certification stating that the relevant Issuer has not complied, in whole or in part, with any matters on which the original opinion or certification had opined or certified; and/or
- (iii) event or circumstances resulting in the Green Bonds no longer being listed or admitted to trading on any stock exchange or securities market,

may have a material adverse effect on the value of Green Bonds and the value of any other securities which are intended to finance Eligible Green Assets and could also result in adverse consequences for certain investors with portfolio mandates to invest in securities to be used for a particular purpose.

*The relationship of the United Kingdom with the European Union may affect the business (including the Securities) of the relevant Issuer or the Guarantor (if applicable) in the United Kingdom*

The United Kingdom ("**UK**") left the European Union ("**EU**") on 31 January 2020 at 11pm and the transition period ended on 31 December 2020 at 11pm. Therefore, the Treaty on the European Union and the Treaty on the Functioning of the European Union have ceased to apply to the UK. The European Union (Withdrawal) Act 2018 (as amended by the European Union (Withdrawal Agreement) Act 2020) and secondary legislation made under it ensure there is a functioning statute book in the UK.

Although the UK and the EU have entered into a Trade and Cooperation Agreement (the "**Trade and Cooperation Agreement**") to govern their relationship going forward, the Trade and Cooperation Agreement does not create a detailed

framework to govern the cross-border provision of regulated financial services from the UK into the EU and from the EU into the UK.

Due to the on-going political uncertainty as regards the structure of the future relationship between the UK and the EU, the precise impact on the business of the relevant Issuer or the Guarantor (if applicable) in the United Kingdom is difficult to determine. As such, such matters could adversely affect the ability of the relevant Issuer or the Guarantor (if applicable) to satisfy its obligations under any Series of Securities with a UK nexus and/or the market value and/or the liquidity of such Securities in the secondary market.

*The U.S. federal income tax characterisation of the Securities is uncertain and may affect their value*

The determination of whether an obligation represents debt, equity, or some other instrument or interest for U.S. federal income tax purposes is based on all the relevant facts and circumstances associated with the Securities. There may not be statutory, judicial or administrative authority directly addressing the characterisation of some of the types of Securities that are anticipated to be issued under the Base Prospectus. No determination has been requested from the U.S. Internal Revenue Service ("IRS") with respect to the Securities, and the treatment of the Securities described under the section entitled "U.S. Federal Income Taxation" is not binding on the IRS or the courts, which might not agree with such treatment. Alternative treatments of the Securities could result in less favourable U.S. federal income tax consequences for an investor, including a requirement to accrue income on a current basis and to treat any gain as ordinary income. As a result, significant aspects of the U.S. federal income tax consequences of an investment in the Securities are uncertain.

*Risks associated with investing in certificateless depositary interests in CREST*

If the applicable Final Terms specify that the Securities will be accepted for settlement in Euroclear UK & Ireland (formerly known as CRESTCo) ("**CREST**") via the CREST Depositary Interest mechanism, investors will hold indirect interests in Securities through CREST through the issuance of CREST Depositary Interests ("**CDIs**") issued, held, settled and transferred through CREST. CDIs are independent securities constituted under English law and transferred through CREST and will be issued by CREST Depositary Limited (the "**CREST Depositary**") to investors ("**CDI Holders**") pursuant to the global deed poll dated 25 June 2001 (as subsequently modified, supplemented and/or restated) (the "**CREST Deed Poll**").

The rights of CDI Holders in respect of Securities are represented by the relevant entitlements against the CREST Depositary which (through CREST International Nominees Limited or any other body appointed to act as nominee on behalf of the CREST Depositary (the "**CREST Nominee**")) holds interests in such Securities. Accordingly, rights under Securities underlying CDIs cannot be enforced by CDI Holders except indirectly through the intermediary depositaries and custodians.

The rights of the CDI Holders will be governed by the arrangements between CREST, Euroclear, Clearstream, Luxembourg and the relevant Issuer, including the CREST Deed Poll. Potential investors should note that the provisions of the CREST Deed Poll, the CREST Manual and the CREST Rules (each as defined in "*Book Entry Systems – Euroclear UK & Ireland Limited*" below) contain indemnities, warranties, representations and undertakings to be given by CDI Holders and limitations on the liability of the CREST Depositary. CDI Holders are bound by such provisions and may incur liabilities pursuant to or resulting from a breach of any such indemnities, warranties, representations and undertakings in excess of the amounts originally invested by them. As a result, the rights of and returns received by CDI Holders may differ from those of Holders of Securities which are not represented by CDIs.

In addition, CDI Holders may be required to pay fees, charges, costs and expenses to the CREST Depositary in connection with the use of the CREST International Settlement Links Service (as defined in "*Book Entry Systems – Euroclear UK & Ireland Limited*" below). These will include the fees and expenses charged by the CREST Depositary in respect of the provision of services by it under the CREST Deed Poll and any taxes, duties, charges, costs or expenses which may be or become payable in connection with the holding of Securities through the CREST International Settlement Links Service.

Potential investors should note that none of the relevant Issuer, the Guarantor (if applicable), any Manager, any Security Agent or any Registrar will have any responsibility for the performance by any intermediaries or their respective direct or indirect participants or accountholders of their respective obligations under the rules and procedures governing their operations.

## Risks Relating to Secured Securities

The risk factors set out below relate to Secured Securities, which are subject to the provisions set out in "*Annex 13 – Additional Terms and Conditions for Secured Securities*". Unless the Secured Securities are Notional Value Repack Securities, the provisions in Part A or B of "*Annex 13 – Additional Terms and Conditions for Secured Securities*", as specified in the applicable Final Terms, will apply. If the Secured Securities are Notional Value Repack Securities, the provisions in Part C or D of "*Annex 13 – Additional Terms and Conditions for Secured Securities*", as specified in the applicable Final Terms, will apply.

### *Shortfall on realisation of Collateral Pool*

Secured Securities issued by BNPP B.V. will be secured by a pool (a "**Collateral Pool**") of assets (the "**Collateral Assets**"). Where a default and/or insolvency event occurs with respect to BNPP B.V. and/or the Guarantor and the security for the Certificates is enforced, the value realised for the Collateral Assets in the relevant Collateral Pool may be insufficient to pay the Security Termination Amount in respect of the relevant Secured Security, in which case a "**Shortfall**" will be deemed to occur unless Physical Delivery of Collateral and Nominal Value Collateralisation is applicable in respect of all the Secured Securities secured by the relevant Collateral Pool. Under the terms of the relevant Guarantee, the Guarantor agrees to make payment of the Shortfall in respect of each Certificate if BNPP B.V. fails to pay such amount; however, in the event of the insolvency of BNPP B.V. and the Guarantor, the Guarantor may not be in a position to pay all or part of any Shortfall and investors may lose all or a substantial portion of their investment.

Where one of "Security Value Realisation Proceeds", "Nominal Value Realisation Proceeds" or "Partial Nominal Value Realisation Proceeds" is specified in the applicable Final Terms as the applicable Security Termination Amount and the amount paid to a Holder is equal to such Security Termination Amount, no Shortfall will be calculated in respect of such Secured Securities and no other amount will be payable by BNPP B.V. in respect of such Secured Securities. In such circumstances, the amount received by a Holder following an Enforcement Event may not be equal to the market value of the relevant Secured Security prior to the occurrence of the Enforcement Event and may be significantly less.

Where one of "Realisation Proceeds", "Nominal Value Realisation Proceeds" or "Partial Nominal Value Realisation Proceeds" is specified in the applicable Final Terms as the applicable Security Termination Amount, following an Enforcement Event in respect of a series of Notional Value Repack Securities, the amount payable to a Holder will be calculated by reference to the realisation proceeds of the Charged Assets relating to such series of Secured Securities and a pro rata share of such amount will be the Security Termination Amount. No other amount will be payable by BNPP B.V. in respect of such Secured Securities. Save where Security Value Termination Amount is the applicable Security Termination Amount, a Shortfall will only arise in respect of a series of Notional Value Repack Securities if the proceeds of realisation from the relevant Charged Assets are not paid or deemed to be paid, where Physical Delivery is applicable, to the relevant Holders. In such circumstances, the amount received by a Holder following an Enforcement Event may not be equal to the market value of the relevant Notional Value Repack Security prior to the occurrence of the Enforcement Event and may be significantly less.

### *Adjustments to Collateral Pool comprised of Collateral Assets or a cash amount*

If specified in the applicable Final Terms (and unless the Secured Securities are Notional Value Repack Securities), the Collateral Pool may be adjusted following a Collateral Valuation Date to reflect changes in (i) the amount of cash standing to the credit of the Collateral Account (the "**Deposit Amount**") and/or (ii) the marked to market value of the Collateral Assets compared to the value associated with each series of Secured Securities secured by the relevant Collateral Pool.



## RISKS

Depending on the frequency of the Collateral Valuation Dates, investors may be adversely affected as they will be exposed to credit risk on BNPP B.V. and the Guarantor to the extent of the difference between (A) the value of the Secured Securities and (B) the Deposit Amount and/or the marked to market value of the Collateral Assets prior to any such adjustment being made.

### *No adjustments to a Collateral Pool*

If the Secured Securities are Notional Value Repack Securities or there are no Collateral Valuation Dates for the Secured Securities, there will be no adjustments to the Collateral Assets in the Collateral Pool to reflect the current market value of the relevant Secured Securities at any point in time and, as a result, the market value of the Collateral Assets may be significantly lower than the amount due on redemption of the Secured Securities. Holders will therefore be exposed to the difference between such market value and the amount due on redemption of the Securities to the extent it is necessary for the Collateral Agent, the Security Trustee or the French Collateral Security Agent, as the case may be, to realise such Collateral Assets in connection with the redemption of the Securities.

### *Fluctuations in the value of the Collateral Assets*

Investors should note that the Collateral Assets may suffer a fall in value between the time at which the relevant Pledge Agreement(s) become enforceable and the time at which the Collateral Assets are realised in full. Any delay in realising the relevant Collateral Assets, fluctuations in the value of the Collateral Assets and/or the costs and expenses incurred in, or relating to, any sale of relevant Collateral Assets will expose Holders to the difference between the value of the Secured Securities and the Realisation Amount, which may have a negative impact on the amount Holders receive. In extraordinary circumstances, the Collateral Assets available at the time at which the relevant Pledge Agreement(s) become enforceable could completely lose their value by the time of the realisation. Any such fall in value of the Collateral Assets will mean that there is less cash available to BNPP B.V. to make payments and increase the Holders' risk on the Guarantor to make payments.

### *Lack of diversification of the Collateral Assets*

The Collateral Assets in a Collateral Pool may (including where Limited Diversification is specified as being applicable in the applicable Final Terms) be limited to one or a few assets or the same or a small number of types of asset between which there is a correlation in respect of value or risk or such assets may be issued by the same issuer or a small number of issuers, or by the same or a small number of types of issuer which may operate in similar or related business sectors. As a result of such limited diversification, the amount recovered in respect of the Collateral Assets on their sale will be dependent on the then current market value of a smaller number or type of Collateral Assets and/or Collateral Assets issued by a smaller number of issuers or type of issuers and this may increase the risk that the proceeds of realisation of the Collateral Assets may be less than the sums due to the relevant Holders under the relevant Secured Securities and accordingly, Holders may receive less than anticipated or may receive nothing.

### *Cross default*

Following the occurrence of an Enforcement Event relating to Secured Securities which are not Notional Value Repack Securities, the Collateral Agent will realise the Collateral Assets for all Collateral Pools or will cause such Collateral Assets to be realised. Where the Collateral Assets are securities, liquidation of all the Collateral Assets simultaneously could potentially lead to a reduction in the market value of some or all of the Collateral Assets and this would increase the risk that the proceeds of realisation of the Collateral Assets may be less than the sums due to the relevant Holders under the relevant Secured Securities and accordingly, Holders may receive less than anticipated or may receive nothing.

Following the occurrence of an Enforcement Event in respect of a series of Secured Securities which are Notional Value Repack Securities, the Security Trustee (in the case of English Law Securities) or the French Collateral Security Agent (in the case of French Law Securities) will realise the Collateral Assets for such Collateral Pool or will cause such Collateral Assets to be realised. Where Enforcement Events occur at the same time in respect of different series of

## RISKS

Notional Value Repack Securities or where more than one series of Notional Value Repack Securities is secured by the same Collateral Pool, the liquidation of the Collateral Assets for such series of Notional Value Repack Securities at the same time could potentially lead to a reduction in the market value of some or all of the Collateral Assets (particularly where the same Collateral Assets are held in the Collateral Pools for different series of Notional Value Repack Securities) and this would increase the risk that the proceeds of realisation of the Collateral Assets may be less than the sums due to the relevant Holders under the relevant Secured Securities and accordingly, Holders may receive less than anticipated or may receive nothing.

### *Risk of a delay in the realisation of the Collateral Assets in the event of the insolvency of BNPP B.V.*

In the event of the insolvency of BNPP B.V., the realisation of the Collateral Assets may be delayed either by the insolvency administrator appointed in relation to BNPP B.V. or by measures ordered by a competent court. Such delay could adversely affect the position of the Holders in the event of the Collateral Assets falling in value during such delay. In addition, in respect of Secured Securities which are not Notional Value Repack Securities, as the Collateral Agent and BNPP B.V. are part of the Group, in the event of the insolvency of BNPP B.V., it is also possible that the Collateral Agent may be insolvent. Such circumstances may lead to an inability to realise the Collateral Assets and/or a delay in the realisation of the Collateral Assets.

### *Illiquid Collateral Assets*

The Collateral Assets in some Collateral Pools may comprise assets which are not admitted to any public trading market and may therefore be illiquid and not readily realisable. Where there is limited liquidity in the secondary market relating to Collateral Assets, the Collateral Agent (or its agent) or, in the case of Secured Securities which are Notional Value Repack Securities, the Security Trustee (or its agent or any receiver appointed by it) or the French Collateral Security Agent (or its agent), as the case may be, may not be able to sell such Collateral Assets to a third party and distribute the net proceeds to Holders. As a result, Holders may be adversely affected, as they may not receive payments in respect of their Secured Securities until such Collateral Assets mature or are redeemed in accordance with their terms. The maturity date of such Collateral Assets may be after the date of redemption of the relevant Secured Securities.

### *Subordination of Holders to payment of expenses and other payments*

On enforcement of the relevant Pledge Agreement(s) or other applicable security agreements, the rights of the Holders to be paid amounts from the proceeds of such enforcement and realisation of the Collateral Assets may be subordinate to (i) any fees and expenses incurred in such enforcement and realisation of the Collateral Assets and (ii) prior rights of the parties (if any) identified in the applicable Priority of Payments or in the applicable Collateral Security Conditions (which may, without limitation, include the Security Trustee (and any agents or receiver appointed by it)), the French Collateral Security Agent (and any agents appointed by it), the Swap Counterparty, the Collateral Exchange Counterparty and/or Repo Counterparty (in each case to the extent appointed or applicable to a series of Secured Securities) to be paid amounts due from BNPP B.V. in priority to the Holders from the proceeds of such enforcement and realisation of the Collateral Assets. Such amounts which may be paid in priority may include, without limitation, termination payments due from BNPP B.V. to the Repo Counterparty under any Repurchase Agreement entered into with respect to such series of Secured Securities, termination payments due from BNPP B.V. to the Swap Counterparty under any Swap Agreement entered into with respect to such series of Secured Securities and/or termination payments due from BNPP B.V. to the Collateral Exchange Counterparty under any Collateral Exchange Agreement entered into with respect to such series of Secured Securities. Where other parties are paid amounts in priority to the Holders from the proceeds of such enforcement and realisation of the Collateral Assets, this will reduce the amount available to be paid to the Holders in the event of enforcement of the security and increase the likelihood of the Holder suffering a loss.

### *Physical Delivery of Collateral*

If Physical Delivery of Collateral is specified in respect of a series of Secured Securities upon enforcement of the Pledge Agreement, the Collateral Agent or the Security Trustee (in the case of Notional Value Repack Securities which are English Law Securities) or the French Collateral Security Agent (in the case of Notional Value Repack Securities which are French Law Securities) will not sell the Collateral Assets which are subject to such physical delivery (unless there is a Collateral Settlement Disruption Event and/or, in the case of Notional Value Repack Securities, there are amounts payable in accordance with the relevant Priority of Payments in priority to the Holders) but will deliver the Collateral Assets in the manner set out in the Collateral Security Conditions. In such cases, investors wishing to sell the Collateral Assets before their scheduled redemption date may not be able to realise an amount equal to the nominal amount of the relevant Collateral Assets which they have received on the secondary market prior to the Redemption Date and such Holders will be exposed to fluctuations in the price of the Collateral Assets according to market conditions, which may negatively affect the return they receive.

### *Collateral Settlement Disruption Event*

When Physical Delivery of Collateral is applicable, if a Collateral Settlement Disruption Event occurs or exists on the Collateral Delivery Date, settlement will be postponed until the next Business Day on which there is no Collateral Settlement Disruption Event. If such Collateral Settlement Disruption Event continues for a period of not less than eight Business Days after the original Collateral Delivery Date, the Collateral Agent (in the case of Secured Securities which are not Notional Value Repack Securities), the Security Trustee (in respect of Notional Value Repack Securities which are English Law Securities) or the French Collateral Security Agent (in respect of Notional Value Repack Securities which are French Law Securities) will arrange for the sale of such Collateral Assets instead of delivery of the relevant Collateral Assets which are due to be delivered in accordance with the relevant Collateral Security Conditions. The amount received by a Holder following such sale of Collateral Assets may be lower than the amount which a Holder would have received if the relevant Collateral Assets had been delivered to it and the Holder held the relevant Collateral Assets to the maturity date of such assets or sold such assets at a different point in time.

### *Collateral Realisation Delay*

In respect of Secured Securities which are not Notional Value Repack Securities, where the Collateral Custodian is Euroclear Bank SA/NV, the Collateral Assets will be transferred into a "Single Pledgor Pledged Account" (the "SPPA") in the Euroclear System, which account will be secured in favour of the Collateral Agent (for its own account and for the account of Holders) pursuant to a Belgian law pledge. The SPPA will be opened in the name of BNP Paribas, which will act in the capacity as "Representative" of the Collateral Agent. Notwithstanding the occurrence of an Event of Default and an Enforcement Event, Euroclear (as the Collateral Custodian) will take instructions only from BNP Paribas and not from the Collateral Agent. In such circumstances it is likely that BNP Paribas will be insolvent and therefore the Collateral Agent will need to instruct the relevant insolvency practitioner to realise the Collateral Assets or to transfer these to an account in the name of the Collateral Agent. This process may significantly delay the realisation of the Collateral Assets and, during which time the value of the Collateral Assets may be subject to fluctuations and this may lead to a lower amount being realised by, or on behalf of, the Collateral Agent and may significantly delay the distribution of the Realisation Proceeds to Holders following such Enforcement Event, thus negatively affecting a Holder's return.

### *Credit risk on the Reference Collateral Asset Issuer*

In the case of Collateral Asset Linked Securities, upon the occurrence of any Collateral Asset Default, the Holders may suffer significant losses at a time when losses may be suffered by a direct investor in obligations of such Reference Collateral Asset Issuer. However, the holding of a Collateral Asset Linked Security is unlikely to lead to outcomes which exactly reflect the impact of directly investing in the Reference Collateral Assets, and losses borne by Holders could be considerably greater than would be suffered by a direct investor in the Reference Collateral Assets and/or could arise for reasons unrelated to such Reference Collateral Assets. Holders should also note that a Collateral Asset Default may occur

even if the obligations of the Reference Collateral Asset Issuer under the Reference Collateral Assets are unenforceable or their performance is prohibited by any applicable law or exchange controls.

#### *Consultation Period*

Where a Distributor is specified in the applicable Final Terms for a series of Collateral Asset Linked Securities and a Collateral Asset Default may have occurred, the Calculation Agent will consult with the Distributor as to whether a Collateral Asset Default has occurred for a period of up to five Business Days. If the Calculation Agent and the Distributor do not agree whether a Collateral Asset Default has occurred, the Calculation Agent will obtain the views of three participants in the relevant market for the Reference Collateral Assets as to whether a Collateral Asset Default has occurred. If a Collateral Asset Default has occurred, the requirement to consult with the Distributor and, potentially, with market participants could lead to a delay in BNPP B.V. redeeming the Collateral Asset Linked Securities and as a consequence Holders may potentially suffer a loss if the value of the Option and/or the Reference Collateral Assets decline in the period when the relevant consultation(s) is taking place.

#### *Suspension of Payments under the Certificates and the relevant Related Agreements during a Suspension Period*

Where Suspension of Payments is applicable to a series of Notional Value Repack Securities, the payment obligations of BNPP B.V. under the Certificates will be suspended if the Calculation Agent determines that facts exist which may amount to an Asset Payment Default Event, RCA Payment Default Event or Asset Default Event following the expiration of any applicable grace period. During the Suspension Period (i) BNPP B.V. shall make no payments on account of Cash Settlement Amounts and/or interest under the Certificates; and (ii) neither BNPP B.V. nor the Swap Counterparty (or other applicable Related Agreement Counterparty) shall make any payments under the Swap Agreement (or other applicable Related Agreement).

If an Early Redemption Event occurs during the Suspension Period (which will be the period of time specified in the applicable Final Terms or otherwise specified in the Terms and Conditions of the Securities) then no further payments will be made under the Certificates in respect of Cash Settlement Amounts and/or interest and the Certificates will be redeemed in accordance with the applicable provisions relating to early redemption. If an Early Redemption Event has not occurred on or prior to the last day of the Suspension Period, any Cash Settlement Amount and/or interest amount which would otherwise have been payable will be payable on the second Business Day following the earlier of (i) last day of such Suspension Period or (ii) the date on which the Calculation Agent determines that the events which may have resulted in the potential Early Redemption Event have been remedied or no longer exist, but Holders may be negatively affected as they will not be entitled to receive any further or additional payment as a result of delay in payment of any Cash Settlement Amount and/or interest amount.

#### *Subordination of Reference Collateral Assets*

Where the relevant Reference Collateral Assets in respect of a Series of Notional Value Repack Securities are subordinated obligations, they will be junior to certain obligations of the RCA Issuer. As a result, the holders of Reference Collateral Assets which are subordinated obligations generally face increased risks as compared with the holders of senior obligations (including a greater risk of loss and the risk that subordinated obligations of the RCA Issuer may have a lower market value than senior obligations of the RCA Issuer). In particular, holders of subordinated obligations face an increased risk of loss in the event of the RCA Issuer's insolvency. Where BNPP B.V. acquires Reference Collateral Assets which are subordinated obligations, Holders of Notional Value Repack Securities are also exposed to such increased risk of loss.

#### *Reliance on creditworthiness of other parties*

In the case of Notional Value Repack Securities, in the event of the insolvency of the Collateral Exchange Counterparty (where relevant), BNPP B.V. will rank as an unsecured creditor of the Collateral Exchange Counterparty with respect to the return of any part of the Reference Collateral Assets which have been transferred by BNPP B.V. to the Collateral

Exchange Counterparty pursuant to the Collateral Exchange Agreement (the "**Received Collateral**"). Where Collateral Exchange Agreement - Two Way Transfer or Collateral Exchange – Triparty Transfer is applicable, although BNPP B.V. will have received Replacement Collateral Assets from the Collateral Exchange Counterparty, holders of the Securities are therefore exposed to the credit risk of the Collateral Exchange Counterparty on an unsecured basis to the extent the Replacement Collateral Assets cannot be sold for the same amount as a sale of the Received Collateral would have realised if such Reference Collateral Assets had not been transferred to the Collateral Exchange Counterparty.

Where Collateral Exchange Agreement - One Way Transfer Securities Lending is applicable, although BNPP B.V. will grant security over its rights against the Collateral Exchange Counterparty under the Collateral Exchange Agreement prospective investors should note that as BNPP B.V. will not receive replacement collateral from the Collateral Exchange Counterparty, BNPP B.V. is therefore exposed (and as a consequence the Holders are effectively exposed) to the credit risk of the Collateral Exchange Counterparty on an unsecured basis to the extent the Collateral Exchange Counterparty does not return equivalent Received Collateral or, in the event of such failure, is unable to pay the relevant termination payment due under the Collateral Exchange Agreement.

If an Enforcement Event occurs with respect to BNPP B.V. in the period from the Issue Date and prior to the date on which the Collateral Exchange Counterparty transfers Equivalent Securities in respect of the Reference Collateral Assets, the Collateral Exchange Agreement will terminate and instead of transferring Equivalent Securities to BNPP B.V., the Collateral Exchange Counterparty will be obliged to pay a termination payment to BNPP B.V.. This termination payment will be equal to the market value of the Received Collateral determined in accordance with the terms of the Collateral Exchange Agreement. If the Collateral Exchange Counterparty fails to pay the relevant termination payment, the Security Trustee (in respect of English Law Securities) or the French Collateral Security Agent (in respect of French Law Securities) will have no recourse to the Received Collateral and instead will have to rely on the enforcement of the contractual rights BNPP B.V. has in order to recover the termination payment from the Collateral Exchange Counterparty. If the Collateral Exchange Counterparty is unable to pay the sums due under the Collateral Exchange Agreement in such circumstances, Holders may lose all or a substantial part of their investment in the Securities.

In respect of certain series of Notional Value Repack Securities, BNPP B.V. will not hold Reference Collateral Assets for all or part of the duration of the relevant series of Notional Value Repack Securities and/or may pay redemption proceeds from the Reference Collateral Assets to the Swap Counterparty and/or may pay the issuance proceeds to the Swap Counterparty. In such circumstances, the ability of BNPP B.V. to make payment of amounts due under the relevant Notional Value Repack Securities will be dependent on the receipt by it of payments from the Swap Counterparty. Other than any collateral which may be transferred by the Swap Counterparty pursuant to the Credit Support Annex (if any), the only Charged Assets during the period between the maturity date of the Reference Collateral Assets (or the Issue Date where the issuance proceeds have been paid to the Swap Counterparty) and the Redemption Date will be the relevant contractual rights of BNPP B.V. under the Swap Agreement against the Swap Counterparty. If the Swap Agreement terminates, it is likely that a termination payment will be due from the Swap Counterparty. If the Swap Counterparty fails to pay such termination payment where the issuance proceeds from the Notional Value Repack Securities or the redemption proceeds from the Reference Collateral Assets have been paid to the Swap Counterparty, BNPP B.V. or, in the case of an Enforcement Event, the Security Trustee (in respect of English Law Securities) or the French Collateral Security Agent (in respect of French Law Securities) on behalf of the Holders, will have to rely on the enforcement of the contractual rights BNPP B.V. has in order to recover the termination payment from the Swap Counterparty. If the Swap Counterparty is unable to pay the sums due under the Swap Agreement in such circumstances, Holders may lose all or a substantial part of their investment in the relevant series of Notional Value Repack Securities.

Where a Credit Support Annex is entered into in connection with the Swap Agreement in respect of a series of Notional Value Repack Securities where BNPP B.V. does not acquire Reference Collateral Assets or enter into a Repurchase Agreement, only the Swap Counterparty will transfer collateral to BNPP B.V.. Such collateral will be available to be sold by BNPP B.V. if the Swap Agreement terminates and the Swap Counterparty does not pay the relevant termination payment (if any) due under the Swap Agreement. If there is a mismatch between the value of the Swap Counterparty

Collateral and the close out value of the Swap Agreement, it is possible that there will still be a termination payment due from the Swap Counterparty to BNPP B.V.. If the Swap Counterparty fails to pay such termination payment, BNPP B.V. or, in the case of an Enforcement Event, the Security Trustee (in respect of English Law Securities) or the French Collateral Security Agent (in respect of French Law Securities) on behalf of the Holders, will have to rely on the enforcement of the contractual rights BNPP B.V. has in order to recover the termination payment from the Swap Counterparty. If the Swap Counterparty is unable to pay the sums due under the Swap Agreement in such circumstances, Holders may lose all or a substantial part of their investment in the relevant series of Notional Value Repack Securities.

BNPP B.V. may also be obliged to transfer some or all of the Reference Collateral Assets to the Swap Counterparty pursuant to a Credit Support Annex. In the event of an Enforcement Event affecting BNPP B.V., the Swap Agreement is likely to terminate and in circumstances where BNPP B.V. has transferred Issuer Posted Collateral to the Swap Counterparty, these Reference Collateral Assets will not be returned. Instead the value of such Reference Collateral Assets will be treated as an Unpaid Amount and factored into the calculation of the termination payment due under the Swap Agreement. If there is a mismatch between the value of the Issuer Posted Collateral and the close out value of the Swap Agreement, it is possible that there will be a termination payment due from the Swap Counterparty to BNPP B.V.. If the Swap Counterparty fails to pay such termination payment, the Security Trustee (in respect of English Law Securities) or the French Collateral Security Agent (in respect of French Law Securities) on behalf of the Holders will have no recourse to the Issuer Posted Collateral and instead will have to rely on the enforcement of the contractual rights BNPP B.V. has in order to recover the termination payment from the Swap Counterparty. If the Swap Counterparty is unable to pay the sums due under the Swap Agreement in such circumstances, Holders may lose all or a substantial part of their investment in the relevant series of Notional Value Repack Securities.

#### *Country and regional risk*

The price and value of any Collateral Assets may be influenced by the political, financial and economic stability of the country and/or region in which an obligor of any Collateral Assets is incorporated or has its business or of the country of the currency in which any Collateral Assets are denominated. Although this risk is likely to be more acute where there is a nexus with an emerging market, in certain cases, the price and value of assets originating from countries ordinarily not considered to be emerging markets countries may behave in a similar manner to those of assets originating from emerging markets countries. The risks which arise relating to an investment in emerging markets obligations or in Securities which are secured on emerging markets obligations include:

- (i) the price of such obligations may be subject to sharp and sudden fluctuations and declines;
- (ii) such obligations may be illiquid and therefore difficult to sell;
- (iii) in certain cases Holders may be exposed to the risk of default by a sub-custodian in an emerging market country which will mean that the Collateral Agent, the Security Trustee or the French Collateral Security Agent, as the case may be, may not be able to effect the sale of the relevant Collateral Assets; and
- (iv) realisation of Collateral Assets comprising emerging markets obligations may be subject to restrictions or delays arising under local law.

The occurrence of such circumstances could lead to a lower amount being realised by the Collateral Agent, the Security Trustee or the French Collateral Security Agent, as the case may be, and therefore, Holders receiving less (and, potentially, significantly less) than anticipated.

#### *Business relationships*

Each of BNPP B.V., the Guarantor, each Manager, each Agent and the Security Trustee and any French Collateral Security Agent and their respective affiliates may deal with and engage generally in any kind of commercial or investment banking or other business with any RCA Reference Entity, its respective affiliates or any other person or entity having

obligations relating to any RCA Reference Entity to in the same manner as if the Securities issued under the Programme did not exist and will pursue actions and take steps that they deem or it deems necessary or appropriate to protect their or its interests arising therefrom, regardless of whether any such action might have an adverse effect on a RCA Reference Entity or any of its respective affiliates or any guarantor or provider of any credit enhancement or any other person and whether an Early Redemption Event will occur and as a result that Holders may lose some or all of their initial investment.

### *Exposure to credit risk of RCA Reference Entities*

The terms of certain series of Notional Value Repack Securities may create exposure to the credit risk of the RCA Reference Entities (including the Eligible Collateral Issuer) specified as relevant to such series. The likelihood of a Reference Collateral Credit Event or Early Redemption Event occurring with respect to any relevant RCA Reference Entity or in relation to the Reference Portfolio, as the case may be, will generally fluctuate with, among other things, the financial condition of the relevant RCA Reference Entity (where applicable), general economic conditions, the condition of certain financial markets, political events, developments or trends in any particular industry and changes in prevailing interest rates. Upon the occurrence of one of these Early Redemption Events or a Reference Collateral Credit Event, the Holders may suffer significant losses at a time when losses may be suffered by a direct investor in obligations of such RCA Reference Entity. However, the holding of a Notional Value Repack Security is unlikely to lead to outcomes which exactly reflect the impact of directly investing in the Reference Collateral Assets, and losses could be considerably greater than would be suffered by a direct investor in the Reference Collateral Assets and/or could arise for reasons unrelated to such Reference Collateral Assets. Holders should also note that a relevant Early Redemption Event or a Reference Collateral Credit Event may occur even if the obligations of the RCA Reference Entity under the Reference Collateral Assets are unenforceable or their performance is prohibited by any applicable law or exchange controls.

### *Leveraged Notional Value Repack Securities*

In respect of certain series of Notional Value Repack Securities, BNPP B.V. may acquire Reference Collateral Assets with a nominal amount greater than the aggregate notional amount of the relevant Notional Value Repack Securities. Although BNPP B.V. will hold Reference Collateral Assets with a greater nominal amount than the Notional Amount of the relevant series of Notional Value Repack Securities and will therefore be overcollateralised, the purchase of such Reference Collateral Assets will be funded by payments received from the Swap Counterparty and in such circumstances the amounts required to purchase the relevant Reference Collateral Assets may be substantially higher in aggregate than the issue proceeds in respect of the relevant series of Notional Value Repack Securities. In the event that an Early Redemption Event or Event of Default occurs, the likelihood that a termination payment will be due to the Swap Counterparty will be magnified as will the potential extent of such payment. This could lead to the amount of the proceeds of sale of the Reference Collateral Assets being available to pay amounts due to the Holders being significantly reduced where such amounts are applied towards payment of the termination payment due to the Swap Counterparty.

### *Risks associated with credit risk retention*

The Secured Securities sold as part of the initial distribution of any Secured Securities may not be purchased by any person except for persons that are not "U.S. persons" as defined in the U.S. Risk Retention Rules, or "**Risk Retention U.S. Persons**". "**U.S. Risk Retention Rules**" means Regulation RR (17 C.F.R Part 246) implementing the risk retention requirements of Section 15G of the U.S. Securities Exchange Act of 1934, as amended. It is not certain whether the foreign transaction safe harbor exemption from the U.S. Risk Retention Rules will be available. Failure of the offering to comply with the U.S. Risk Retention Rules (regardless of the reason for the failure to comply) could give rise to regulatory action which may adversely affect the Secured Securities. Furthermore, the impact of the U.S. Risk Retention Rules on the securitization markets generally is uncertain, and a failure by a transaction to comply with the U.S. Risk Retention Rules could negatively affect the market value and secondary market liquidity of the Secured Securities.

*Scope of guarantee*

The guarantee in respect of the Secured Securities provided by BNPP is not a guarantee to deliver any securities or pay interest or premium amount and/or Cash Settlement Amount in respect of the Secured Securities but is a guarantee to pay an amount equal to the relevant Shortfall only. Other than where Physical Delivery of Collateral and Nominal Value Collateralisation is applicable in respect of all the Secured Securities secured by the relevant Collateral Pool, a Shortfall will arise where the security for the Certificates is enforced and the proceeds of realisation of the Collateral Assets in the relevant Collateral Pool is less than the Security Termination Amount in respect of the relevant Secured Security. The Security Termination Amount is an amount linked to either the market value of the relevant Secured Security, the Notional Amount of the Secured Security or the proceeds of realisation of the Collateral Assets in the Collateral Pool as specified in the relevant Final Terms. As a result, and depending on the Security Termination Amount applicable, Holders may receive less than the amount of interest (or premium amounts) and/or Cash Settlement Amount payable if BNPP B.V. had performed its obligations under the Secured Securities and/or if payment of such amounts had been guaranteed in full by BNPP (as is the case with the guarantee for Securities which are not Secured Securities). In addition, an Enforcement Event must have occurred and the security enforced by the Collateral Agent, the Security Trustee or the French Collateral Security Agent, as the case may be, prior to any payment under the guarantee for Secured Securities and, as a result, amounts may be payable under the guarantee for Secured Securities substantially later than amounts may be payable under the guarantee provided by BNPP in respect of Securities which are not Secured Securities.

*Limited Recourse Obligations*

The Secured Securities which are Notional Value Repack Securities are direct, secured, limited recourse obligations of BNPP B.V. payable solely out of the assets over which BNPP B.V. has granted security in favour of the Security Trustee (in the case of English Law Securities) or the French Collateral Security Agent (in the case of French Law Securities) on behalf of, among others, the Holders. BNPP B.V. will have no other assets or sources of revenue other than its rights under any Swap Agreement and/or Repurchase Agreement and/or Collateral Exchange Agreement, guarantee or credit enhancement agreement and the Collateral Assets (if any) for the relevant series of Notional Value Repack Securities. The proceeds available for and allocated to the repayment of the relevant Notional Value Repack Securities at any particular time may not be sufficient to cover all amounts that would otherwise be due and payable in respect of the relevant series of Notional Value Repack Securities.

If the proceeds of the realisation of the Collateral Assets and the other assets of BNPP B.V. received by the Security Trustee (in the case of English Law Securities) or the French Collateral Security Agent (in the case of French Law Securities) for the benefit of the Holders are insufficient to make payments on the relevant series of Notional Value Repack Securities, no other assets will be available for payment of any shortfall, and, following distribution of the proceeds of such realisation, the obligation of BNPP B.V. to pay such shortfall shall be extinguished. No person other than BNPP B.V. or the Guarantor will be obliged to make payments on the relevant series of Notional Value Repack Securities. The Guarantor has guaranteed BNPP B.V.'s obligations to pay the portion of the proceeds of realisation from the Charged Assets remaining after payment of amounts due in priority thereto to the Holders. Following the occurrence of an Enforcement Event, BNPP B.V. has no obligation to pay an amount to Holders other than the relevant part of the realisation proceeds and BNPP B.V. (and as a consequence the Guarantor) will have no liability for any shortfall between such amount and the amounts which would have been payable if an Enforcement Event had not occurred and the Security Interests had not been enforced. Accordingly, any such shortfall will be borne by the Holders and by the relevant Swap Counterparty, relevant Repo Counterparty and Collateral Exchange Counterparty, as the case may be. The holders of the relevant Notional Value Repack Securities shall not be able to institute, or join with any other person in bringing, instituting or joining, insolvency proceedings (whether court based or otherwise) in relation to BNPP B.V. or the appointment of an insolvency administrator in respect of BNPP B.V., as a consequence of any such shortfall.



## INVESTMENT CONSIDERATIONS

**1. General investment considerations associated with the Securities***Securities (other than Secured Securities) are Unsecured Obligations*

Unless the Securities are Secured Securities, the Securities are unsubordinated and unsecured obligations of the relevant Issuer and will rank *pari passu* with themselves. Each issue of Securities issued by BNPP B.V. will be guaranteed by BNPP pursuant to the BNPP English Law Guarantee for Unsecured Securities, in the case of English Law Securities, or the BNPP French Law Guarantee for Unsecured Securities, in the case of French Law Securities. The obligations of BNPP under the BNPP Guarantees are senior preferred obligations within the meaning of Article L.613-30-3-I-3° of the French *Code monétaire et financier* and unsecured obligations of BNPP and will rank *pari passu* with all its other present and future senior preferred and unsecured obligations, subject to such exceptions as may from time to time be mandatory under French law.

*Description of the role of the Calculation Agent*

- (i) The Calculation Agent may be an Affiliate of the relevant Issuer or, if applicable, the Guarantor, or the Calculation Agent may be the Issuer itself or, if applicable, the Guarantor itself. The Calculation Agent is under no obligation to take into account the interests of Holders of the Securities, including with respect to making certain determinations and judgments, such as whether an event, including a Market Disruption Event, a Settlement Disruption Event or Credit Event (each, as defined in the Conditions), has occurred and, in some cases, the applicable consequences.
- (ii) The Calculation Agent is obliged to carry out its duties and functions as calculation agent acting in good faith and in a commercially reasonable manner.

Investors should also refer to "*Potential conflicts of interest*" in the "*Risks*" section.

*Certain specific information may not be known at the beginning of an offer period*

In certain circumstances, at the commencement of an offer period in respect of Securities, but prior to the issue date of such Securities certain specific information (specifically, the issue price, fixed rate of interest, minimum and/or maximum rate of interest or Premium Amount payable, the margin applied to the floating rate of interest payable, the Gearing applied to the interest or final payout, the Gearing Up applied to the final payout, (in the case of Autocall Securities, Autocall One Touch Securities or Autocall Standard Securities) the FR Rate component of the final payout (which will be payable if certain conditions are met, as set out in the Payout Conditions), (in the case of Securities which include a Snowball Digital Coupon, Digital Coupon, Accrual Digital Coupon, SPS Variable Amount Coupon or SPS Fixed Coupon) the Rate component of the coupon rate, the value of the barrier component of a final payout or coupon rate, the AER Exit Rate used if an Automatic Early Redemption Event occurs, the Bonus Coupon component of the final payout (in the case of Vanilla Digital Securities), the Up Cap Percentage component of the final payout (in the case of Certi-Plus: Generic Securities, Certi-Plus: Generic Knock-in Securities and Certi-Plus: Generic Knock-out Securities), any Constant Percentage (being any of Constant Percentage, Constant Percentage 1, Constant Percentage 2, Constant Percentage 3 or Constant Percentage 4) component of the final payout or coupon rate (which will be payable if certain conditions are met, as set out in the Payout Conditions), the Floor Percentage component of the final payout or coupon rate and/or the Knock-in Level and/or Knock-out Level (used to ascertain whether a Knock-in Event or Knock-out Event, as applicable, has occurred)) may not be known. In these circumstances the Final Terms will specify in place of the relevant price, rate, level or percentage, as applicable, a minimum and/or maximum price, rate, level or percentage, as applicable, or an indicative range of prices, rates, levels or percentages. The actual price, rate, level or percentage, as applicable, applicable to the Securities will be selected by the Issuer from within the range or will not be higher than the maximum price, rate, level or percentage, and/or will not be lower than the minimum price, rate, level or percentage, as

## INVESTMENT CONSIDERATIONS

specified in the applicable Final Terms and will be notified to investors prior to the Issue Date. The actual price, rate, level or percentage, as applicable, will be determined in accordance with market conditions by the Issuer in good faith and in a commercially reasonable manner.

Prospective purchasers of Securities will be required to make their investment decision based on the minimum and/or maximum price, rate, level or percentage, as applicable, or the indicative range rather than the actual price, rate, level or percentage, as applicable, which will only be fixed after the investment decision is made but will apply to the Securities once issued.

Where a minimum and/or maximum price, rate, level or percentage, as applicable, or an indicative range is specified in the Final Terms in respect of the Rate of Interest, Minimum Rate of Interest, Maximum Rate of Interest, Margin, FR Rate, Rate and/or AER Exit Rate, prospective purchasers of Securities should, for the purposes of evaluating the risks and benefits of an investment in the Securities, assume that the actual Rate of Interest, Minimum Rate of Interest, Maximum Rate of Interest, Margin, FR Rate, Rate and/or AER Exit Rate, as applicable, which will apply to the Securities will be the lowest rate specified in the range and make their decision to invest in the Securities on that basis.

*The Barrier Level, Bonus Level and/or Cap Level may not be known until after the Issue Date*

In certain circumstances in respect of ETS Payouts, the Barrier Level, Bonus Level and/or Cap Level may not be known at the issue date of the Securities. In these circumstances, the Final Terms will specify that the Barrier Level, Bonus Level and/or Cap Level, as applicable, will be the product of a specified percentage and the Closing Level, Closing Price, Italian Securities Reference Price, Relevant Price or Settlement Price, as applicable, of the Underlying Reference on the Strike Date (rounded upwards or downwards as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner). Following the Strike Date, the Issuer will give notice of the actual Barrier Level, Bonus Level and/or Cap Level, as applicable, applicable to the Securities. Prospective investors should review the Final Terms together with the information contained in the notice in order to ascertain the Barrier Level, Bonus Level and/or Cap Level which will apply to the Securities.

*Recognition of English court judgments at the end of the United Kingdom's Brexit Transition Period*

On 31 January 2020, the United Kingdom (the "**UK**") formally left the European Union. Pursuant to a treaty entitled "the Agreement on the withdrawal of the United Kingdom of Great Britain and Northern Ireland from the European Union and the European Atomic Energy Community" (the "**Withdrawal Agreement**"), the UK and the EU agreed to an implementation period, ending on 31 December 2020 (the "**Transition Period**"). The Withdrawal Agreement was incorporated into English law by the European Union (Withdrawal Agreement) Act 2020.

As a result of leaving the EU, the UK is no longer bound by the provisions of Regulation (EU) No 1215/2012 (the "**Brussels Recast**"), a formal reciprocal regime between EU Member States on the allocation of jurisdiction and the mutual recognition and enforcement of Member State judgments. This regime is no longer applied by English courts, save in relation to legacy cases (i.e. those cases where proceedings were initiated prior to the end of the Transition Period). As a further consequence, English judgments will no longer be recognised and enforced in EU Member State courts under this regime, again, save for legacy cases where English judgments are issued in proceedings commenced prior to the end of the Transition Period.

Upon leaving the EU, the UK also ceased to be a member of another convention on the allocation of jurisdiction and the mutual enforcement of contracting state court judgments, the Lugano Convention 2007 (the "**Lugano Convention**"). The EU, Switzerland, Iceland and Norway are members of the Lugano Convention and the UK has applied to re-join this convention. As of the date of this Base Prospectus, the UK's application is pending. As the UK is no longer a Lugano contracting state, English judgments cannot be enforced under this regime in other contracting states, although Norway has put in place arrangements with the UK for the reciprocal enforcement of judgments.

Investors should also note that on 1 January 2021 the UK re-joined the Hague Convention on Choice of Court Agreements 2005 (the "**Hague Convention**") as a sovereign state. The Hague Convention is another international convention on the jurisdiction and the reciprocal enforcement of contracting state judgments. The Hague Convention requires contracting states to respect exclusive jurisdiction clauses in favour of other contracting state courts and to enforce resulting judgments. The EU, Mexico, Montenegro and Singapore are currently contracting states.

Accordingly, English judgments issued by an English court pursuant to an exclusive jurisdiction clause entered into after 1 January 2021 should be recognised and enforced in EU states (and Mexico, Montenegro and Singapore) under the Hague Convention, subject to standard exceptions. It is generally considered that the Hague Convention only covers exclusive jurisdiction clauses and resulting judgments (although, investors should note that there are some matters, such as certain company matters that are outside the scope of the Hague Convention). There remains uncertainty as to whether the Hague Convention would be applied by Member State courts in respect of exclusive jurisdiction clauses entered into between 1 October 2015 (when the EU joined the Convention) and 31 December 2020. The UK has legislated to confirm such clauses would be treated as being within the Hague Convention. Although the grounds upon which enforcement may be refused under the Hague Convention are in substance similar to those under the Brussels Recast, the Hague Convention is new and therefore there may be some uncertainty as to how Member State courts apply these provisions, at least initially.

Where English jurisdiction clauses and judgments are not within the scope of the Hague Convention, it will be necessary to consider the applicable national law rules.

## **2. Investment considerations associated with certain interest rates**

### *Additional information on EURIBOR and related reforms*

The euro risk free rate working group for the euro area has published a set of guiding principles and high level recommendations for fallback provisions in, amongst other things, new euro denominated cash products (including bonds) referencing EURIBOR. The guiding principles indicate, amongst other things, that continuing to reference EURIBOR in relevant contracts (without robust fallback provisions) may increase the risk to the euro area financial system. On 11 May 2021, the euro risk free rate working group published its recommendations on EURIBOR fallback trigger events and fallback rates.

Investors should be aware that, if EURIBOR were discontinued or otherwise unavailable, the rate of interest on the Securities will be determined for the relevant period by the fall-back provisions applicable to the Securities, as further described in the Conditions.

### *Additional information on the development of SONIA, SOFR, €STR, SARON and TONA as reference rates*

Holders of Securities that reference SONIA, SOFR, €STR, SARON or TONA should be aware that the market continues to develop in relation to SONIA, SOFR, €STR, SARON and TONA, respectively, as reference rates in the capital markets and their adoption as an alternative to GBP-LIBOR, USD-LIBOR, EURIBOR, CHF-LIBOR and JPY-LIBOR, respectively. For example, in the context of backwards-looking rates, market participants and relevant working groups are currently assessing the differences between compounded rates and weighted average rates and the basis on which to determine them, and such groups are also exploring forward-looking "term" SONIA, SOFR, €STR, SARON and TONA reference rates; although, it is not known whether they will be adopted by the markets. The adoption of SONIA, SOFR, €STR, SARON or TONA may also see component inputs into swap rates or other composite rates.

The market, or a significant part thereof, may adopt an application of SONIA, SOFR, €STR, SARON or TONA that differs significantly from the methodology set out in the Conditions.

### *Additional information on the development of SONIA reference rates for use in the capital markets*

In connection with the ongoing development of the market in relation to SONIA as a reference rate in the capital markets, market participants and relevant working groups are exploring alternative reference rates based on SONIA, including term SONIA reference rates (which seek to measure the market's forward expectation of an average SONIA rate over a designated term). The ongoing development of Compounded Daily SONIA as an interest reference rate for the Eurobond markets, as well as continued development of SONIA-based rates for such markets and the market infrastructure for adopting such rates, could result in reduced liquidity or increased volatility or could otherwise affect the market price of the Securities.

*If EURIBOR, STIBOR or any other benchmark is discontinued, the applicable floating rate of interest or Underlying Interest Rate may be changed*

In respect of Securities linked to an Underlying Interest Rate or Securities which pay a floating rate of interest, if the Issuer or the Calculation Agent determines at any time that the relevant reference rate has been discontinued, the Calculation Agent will use, as a substitute for the relevant reference rate, the alternative reference rate selected by the central bank, reserve bank, monetary authority or any similar institution in the jurisdiction of the currency of the relevant rate that is consistent with industry accepted standards. If the Calculation Agent notifies the Issuer that it is unable to determine such an alternative reference rate, the Calculation Agent will appoint a determination agent (which may be the Issuer, the Guarantor (if applicable) or an affiliate of the Issuer, the Guarantor (if applicable) or the Calculation Agent) who will determine a replacement reference rate, as well as any required changes to the business day convention, the definition of business day, the interest determination date, the day count fraction and any method for calculating the replacement rate including any adjustment required to make such replacement reference rate comparable to the relevant reference rate. Such replacement reference rate will (in the absence of manifest error) be final and binding, and will apply to the relevant Securities.

The replacement rate may perform differently from the discontinued reference rate. There can be no assurance that any adjustment applied to any Securities will adequately compensate for this impact.

The conditions also provide for other fallbacks, such as consulting reference banks for rate quotations, which may not be possible if the reference banks decline to provide such quotations for a sustained period of time (or at all). If the relevant screen page for the reference rate is not available or it is not possible to obtain quotations then the Calculation Agent will determine the relevant rate of interest for the affected Securities at the relevant time acting in good faith and in a commercially reasonable manner. Investors should note that the replacement rate may be different to the original rate.

It is possible that, if a reference rate is discontinued, a clear successor rate will not be established in the market for some time. Accordingly, the terms of the Securities provide as an ultimate fallback that, following the designation of a replacement rate, if the Calculation Agent or the determination agent appointed by the Calculation Agent considers that such replacement reference rate is no longer substantially comparable to the original reference rate or does not constitute an industry accepted successor rate, the Calculation Agent will appoint or re-appoint a determination agent (which may or may not be the same entity as the original determination agent) for the purposes of confirming the replacement reference rate or determining a substitute replacement reference rate (despite the continued existence of the initial replacement reference rate). Any such substitute replacement reference rate, once designated pursuant to the Conditions, will apply to the affected Securities. This could impact the relevant rate of interest in respect of the Securities. In addition, any Holders of such Securities that enter into hedging instruments based on the original replacement reference rate may find their hedges to be ineffective, and they may incur costs replacing such hedges with instruments tied to the new replacement reference rate.

### *Additional considerations associated with Securities that pay a floating rate of interest referencing SOFR*

SOFR is a relatively new rate. The NY Federal Reserve began to publish SOFR in April 2018. Although the NY Federal Reserve has published historical indicative SOFR information going back to 2014, such prepublication historical data inherently involves assumptions, estimates and approximations. Investors should not rely on any historical changes or trends in SOFR as an indicator of the future performance of SOFR. Since the initial publication of SOFR, daily changes in the rate have, on occasion, been more volatile than daily changes in other benchmark or market rates. As a result, the return on and value of Securities that pay a floating rate of interest by reference to SOFR ("**SOFR-Linked Securities**") may fluctuate more than floating rate debt securities that are linked to less volatile rates.

Because SOFR is a relatively new market index, SOFR-Linked Securities will likely have no established trading market when issued, and an established trading market may never develop or may not be very liquid. Market terms for debt securities indexed to SOFR, such as the spread over the base rate reflected in the interest rate provisions, may evolve over time, and trading prices of SOFR-Linked Securities may be lower than those of later-issued SOFR-linked debt securities as a result. Similarly, if SOFR does not prove to be widely used in securities like the Securities, the trading price of SOFR-Linked Securities may be lower than those of securities linked to rates that are more widely used. Investors may not be able to sell SOFR-Linked Securities at all or may not be able to sell such Securities at prices that will provide a yield comparable to similar investments that have a developed secondary market, and may consequently suffer from increased pricing volatility and market risk.

The manner of adoption or application of reference rates based on SOFR in the bond market may differ materially compared with the application and adoption of SOFR in other markets, such as the derivatives and loan markets. Investors should carefully consider how any potential inconsistencies between the adoption of reference rates based on SOFR across these markets may impact any hedging or other financial arrangements which they may put in place in connection with any acquisition, holding or disposal of the SOFR-Linked Securities.

The NY Federal Reserve notes on its publication page for SOFR that use of SOFR is subject to important limitations, including that the NY Federal Reserve may alter the methods of calculation, publication schedule, rate revision practices or availability of SOFR at any time without notice. There can be no guarantee that SOFR will not be discontinued or fundamentally altered in a way that affects the value of the Securities. If the manner in which SOFR is calculated is changed or if SOFR is discontinued, that change or discontinuance may result in a reduction or elimination of the amount of interest payable on SOFR-Linked Securities and a reduction in the trading prices of such Securities.

### **3. Investment considerations associated with Securities with specific features**

#### *Additional information in respect of Securities that are issued as Green Bonds*

No assurance is given by the relevant Issuer that the use of such proceeds for any Eligible Green Assets will satisfy, whether in whole or in part, any present or future investor expectations or requirements as regards any investment criteria or guidelines with which such investor or its investments are required to comply, whether by any present or future applicable law or regulations or by its own by-laws, investment policy or other governing rules or investment portfolio mandates, in particular with regard to any direct or indirect environmental, sustainability or social impact of any projects or uses, the subject of or related to, any Eligible Green Assets.

Furthermore, it should be noted that there is currently no clear definition (legal, regulatory or otherwise) of, nor market consensus as to what constitutes, a "green", "sustainable" or an equivalently-labelled project or as to what precise attributes are required for a particular project to be considered "green" or "sustainable" or falling under such other equivalent label, nor can any assurance be given that such a clear definition or consensus will develop over time. Accordingly, no assurance is or can be given to investors that any projects or uses which are the subject of, or related to, any Eligible Green Assets will meet any or all investor expectations regarding such "green", "sustainable" or other

equivalently-labelled performance objectives or that any adverse environmental, social and/or other impacts will not occur during the implementation of any projects or uses, which are the subject of, or related to, any Eligible Green Assets.

No assurance or representation is given by the relevant Issuer as to the suitability or reliability for any purpose whatsoever of any opinion or certification of any third parties (whether or not solicited by the relevant Issuer) which may be made available in connection with the issue and offering of any Green Bonds and in particular with the extent to which Eligible Green Assets may fulfil any environmental, sustainability, social and/or other criteria. For the avoidance of doubt, any such opinion or certification is not, nor shall be deemed to be, incorporated in and/or form part of the Green Bond Framework. Any such opinion or certification is not, nor should be deemed to be, a recommendation by the relevant Issuer and its affiliates or any other person to buy, sell or hold any Green Bonds. Any such opinion or certification is only current as of the date that opinion was initially issued. Prospective investors must determine for themselves the relevance of any such opinion or certification and/or the information contained therein and/or the provider of such opinion or certification for the purpose of any investment in such Green Bonds. Currently, the providers of such opinions and certifications are not subject to any specific regulatory or other regime or oversight.

In the event that any Green Bonds are listed or admitted to trading on any dedicated "green", "environmental", "sustainable" or other similarly labelled segment of any stock exchange or securities market (whether or not a regulated market for the purpose of the Markets in Financial Instruments Directive 2014/65/EU), or are included in any dedicated "green", "environmental", "sustainable" or other equivalently-labelled index, no representation or assurance is given by the relevant Issuer or any other person that such listing or admission, or inclusion in such index, satisfies, whether in whole or in part, any present or future investor expectations or requirements as regards any investment criteria or guidelines with which such investor or its investments are required to comply, whether by any present or future applicable law or regulations or by its own by-laws or other governing rules or investment portfolio mandates, in particular with regard to any direct or indirect environmental, sustainability or social impact of any projects or uses, the subject of or related to, any climate projects. Furthermore, it should be noted that the criteria for any such listings or admission to trading may vary from one stock exchange or securities market to another and that the criteria for inclusion in such index may vary from one index to another. No representation or assurance given or made by the relevant Issuer or any other person that any such listing or admission to trading, or inclusion in any such index, will be obtained in respect of Green Bonds or, if obtained, that any such listing or admission to trading, or inclusion in such index, will be maintained during the life of Green Bonds. Additionally, no representation or assurance is given by the relevant Issuer or any other person as to the suitability of the Green Bonds to fulfil environmental and sustainability criteria required by prospective investors. The relevant Issuer is not responsible for any third party assessment of the Green Bonds.

While it is the relevant Issuer's intention to apply the proceeds of any Green Bonds to Eligible Green Assets in, or substantially in, the manner described in the applicable Final Terms and in the Green Bond Framework, there can be no assurance that the relevant project(s) or use(s) which are the subject of, or related to, any Eligible Green Assets will be capable of being implemented in or substantially in such manner and/or in accordance with any timing schedule and that accordingly there can be no assurance that such proceeds will be totally or partially disbursed for such Eligible Green Assets. There can be no assurance that such Eligible Green Assets will be completed within any specified period or at all or with the results or outcome (whether or not related to the environment) as originally expected or anticipated by the relevant Issuer. Any such event or failure by the relevant Issuer to apply the proceeds as intended will not constitute an event of default (however defined) under the Green Bonds.

### *Additional information in respect of Constant Leverage Securities*

Where ETS Final Payout 2300 applies in respect of the Securities, the percentage change in value of the Securities over one day will be the Leverage Factor which is a constant factor for each Security multiplied by the daily performance of the relevant Underlying Reference measured as the percentage change of the reference price from one day to the next day adjusted by the applicable Financing Component (which includes a Fee, an Interest Margin and Hedging Costs and may be positive or negative depending on, amongst other things, prevailing interest rates). Bull Constant Leverage Certificates

aim to produce a performance equal to the Leverage Factor (as specified in the applicable Final Terms) multiplied by the performance of the relevant Underlying Reference, whereas Bear Constant Leverage Certificates aim to produce a performance equal to the Leverage Factor times the inverse performance of the relevant Underlying Reference. However, because the performance of the Securities over any period longer than one day will be derived from the compounded daily performance of the relevant Underlying Reference during that period, such Security's performance may differ significantly to the overall performance of the Underlying Reference over that same period. Accordingly, compared to a security that measures change in value of the Underlying Reference between two dates, Constant Leverage Securities may have significantly different outcomes depending on the number and direction of changes in the daily value of the Underlying Reference over such period and the order in which such changes occur. Constant Leverage Securities are therefore described as "path-dependent" financial instruments. The potential for divergence between the Performance of the Constant Leverage Securities and the performance of the Underlying Reference over the same period of time will increase as such period becomes longer and will be most marked in periods when the value of the Underlying Reference is volatile. Consequently, Constant Leverage Securities are only suitable for intra-day trading or very short investment periods.

### *Additional information in respect of Securities denominated in Renminbi*

Investors may be required to provide certification and other information (including Renminbi account information) in order to be allowed to receive payments in Renminbi in accordance with the Renminbi clearing and settlement system for participating banks in the CNY Settlement Centre(s).

All Renminbi payments to investors in the Securities will be made solely (i) for so long as the Securities are represented by a Global Security held with the common depositary, for Euroclear and Clearstream, Luxembourg or any alternative clearing system, by transfer to a RMB bank account maintained in the CNY Settlement Centre(s) in accordance with prevailing Euroclear and/or Clearstream, Luxembourg rules and procedures, or (ii) so long as the Securities are in definitive form, by transfer to a RMB bank account maintained in the CNY Settlement Centre(s) in accordance with prevailing rules and regulations. The relevant Issuer will not be required to make payment by any other means (including in any other currency or in bank notes, by cheque or draft or by transfer to a bank account in the PRC).

## **4. Investment considerations associated with adjustment, disruption and related redemption provisions in respect of the Securities**

### *Description of Additional Disruption Event and Optional Additional Disruption Events*

The Additional Disruption Events correspond to changes in law (including changes in tax or regulatory capital requirements) and hedging disruptions in respect of any hedging transactions relating to the Securities. The Optional Additional Disruption Events that may be specified in the applicable Final Terms correspond to the occurrence of an event relating to benchmark reform (including a material change, permanent cancellation or issue with any official authorisation of the benchmark, administrator or sponsor) (an Administrator/Benchmark Event), an early redemption of any Debt Instruments (a Cancellation Event), an issue converting or determining a rate for a currency (a Currency Event), a failure to deliver assets comprising the Entitlement in the case of Physical Delivery Securities (a Failure to Deliver due to Illiquidity), a material hindrance or delay to the performance of the Issuer's obligations under the Securities (an Extraordinary External Event), a default by any hedging counterparty in respect of the Securities (a Hedging Party Default), a materially increased cost of hedging (an Increased Cost of Hedging), an increase in the rate to borrow any relevant share or any component of an Index (an Increased Cost of Stock Borrow), circumstances where it is impracticable, illegal or impossible to purchase, sell, hold or otherwise deal in the Underlying Reference (a Jurisdiction Event), insolvency of the relevant Share Company or Basket Company (an Insolvency Filing), an inability to borrow any relevant share (a Loss of Stock Borrow), a drop in the price of a Share below 5 per cent. (or such other value specified in the applicable Final Terms) of its Strike Price (a Stop-Loss Event) and/or an event that is not attributable to the Issuer that significantly alters the economics of the Securities (a Significant Alteration Event). Each of the Additional Disruption Events and Optional Additional Disruption Events are both more fully set out in the Conditions.

### *Consequences of a Disrupted Day*

The occurrence of a Disrupted Day may delay the determination of the final level, value, price or amount of the index, share, ETI interest, debt instrument, future, commodity or commodity index which could also cause a delay in the payment of any Cash Settlement Amount, as more fully set out in the Conditions.

### *Description of Early Redemption Amounts*

The manner in which the amount due to Holders on an early redemption of the Securities is determined may depend on the event that has triggered an early redemption of the Securities and the early redemption method specified in the applicable Final Terms. The Securities (other than Notional Value Repack Securities) will be redeemed at an amount calculated by reference to:

- (a) (unless otherwise specified or if Market Value is specified in the applicable Final Terms) the fair market value of such Securities;
- (b) (if the applicable Final Terms indicate redemption will be delayed) the fair market value of the Securities at the point of the event triggering redemption plus the Issuer's cost of funding up to the scheduled Redemption Date;
- (c) (if Highest Value is specified in the applicable Final Terms) the greater of the fair market value of the Securities and the Protected Amount specified in the Final Terms; or
- (d) (if Monetisation Option is specified in the applicable Final Terms and Holders do not elect to receive the fair market value of the Securities) the present value of the Protected Amount specified in the Final Terms, the market value of the embedded derivative, a hypothetical interest rate that might be achieved on an alternative debt instrument with the same tenor as the Securities and the remaining time to the scheduled Redemption Date (the "**Monetisation Amount**"),

each an "**Early Redemption Amount**".

In the case of (b), payment of the Early Redemption Amount will be made on the scheduled Redemption Date. Any determination of the fair market value of the Securities will take into account the event or circumstances that triggered the early redemption. The Final Terms may specify that any costs incurred by the Issuer (or its affiliates) as a result of unwinding any hedging arrangements associated with the Securities may not be taken into account when determining the amount payable on early redemption.

If the Final Terms specify that Highest Value, Market Value or Monetisation Option are applicable, the amount the Holder receives on early redemption will include reimbursement of any costs that were charged as part of the Issue Price of the Securities and will not include a deduction of any costs. If Monetisation Option is specified as applicable in the applicable Final Terms, the Holder may elect to receive the fair market value of the Securities as if Market Value were applicable instead of the Monetisation Amount.

If the Securities are early redeemed in part, the amount calculated as payable on such early redemption will take into account that only a portion of the outstanding Securities are being early redeemed.

The amount payable on an early redemption of Notional Value Repack Securities is described in "Security and Collateral in respect of Secured Securities which are Notional Value Repack Securities".



## 5. **Investment considerations associated with Securities linked to the performance of one or more Underlying References**

### *Additional investment considerations in respect of Index Securities*

In respect of Index Securities, Holders will receive an amount (if any) on redemption determined by reference to the value of the underlying index/indices and/or the Index Securities will pay interest calculated by reference to the value of the underlying index/indices. Such underlying index may be a well-known and widely published index or an index which may not be widely published or available. The index may reference, among other asset types, equities, bonds, currency exchange rates, or other securities or it may be a property index referencing certain property price data which will be subject to market price fluctuations, or reference a number of different assets or indices. A property index may include valuations only and not actual transactions and the property data sources used to compile the index may be subject to change.

Index Securities linked to a custom index are linked to a proprietary index which may be sponsored and/or calculated by BNP Paribas or one of its Affiliates. Pursuant to the operational rules of the relevant custom index, the custom index is scheduled to be calculated on a periodic basis (for example on each weekday). In the event that one of the levels, values or prices of a component included in the custom index is not available for any reason on a relevant day of calculation including, without limitation, (a) because such day is a non-scheduled trading day in respect of that index component or (b) that index component is subject to a market disruption, then the Calculation Agent of the custom index may, but will not be obliged to, calculate the level of the custom index on a different basis (for example by taking a value for the affected index component from the first preceding day on which a level for such affected index component was available). Such an occurrence may potentially result in a delay in the publication of the index and the level of the index may be affected.

Components of certain custom indices may be subject to regular rebalancing in accordance with the methodology of the index. As part of the rebalancing, components may be added to or removed from the index or their weights adjusted. The components which are included in the index and the weight assigned to each component may be determined either wholly or partially by reference to criteria specified in the index and/or one or more lists of assets (including, without limitation, research lists, analytical reports or "top picks" guides), which are published by a third party unconnected with the index. If a third party is compiling the list of assets such third party may exercise its discretion to determine which assets are included in such list. The index methodology may apply objective filters to these lists of assets, to determine which assets are included as components in the index and their weight. The components which are derived from the list published by a third party may affect the performance of the index, and, correspondingly, the value of the Index Securities. Such third parties have no obligation to take into account the consequences of their actions on any Holders.

If the Index specified in the Final Terms is replaced by a successor index with the same or a substantially similar method for calculating that index or the original index sponsor is replaced by a successor index sponsor acceptable to the Calculation Agent, the successor index or the successor index sponsor will replace the original index or original index sponsor, as applicable.

Following a modification to the methodology of the Index (an Index Modification), a permanent cancellation of the Index (an Index Cancellation) or if the Index Sponsor fails to calculate or publish the level of the Index on a relevant date for valuation (an Index Disruption) (each, an Index Adjustment Event), (i) the Calculation Agent may determine whether to (x) determine the level of the Index itself, or (y) replace the Index, or (ii) the Issuer may redeem the Index Securities at the Early Redemption Amount.

In addition, if the published level of an Index is subsequently corrected, the corrected level will be used if corrected within the prescribed period, provided that, if the corrected level is published less than three Business Days prior to a due date for payment it will be disregarded.

## INVESTMENT CONSIDERATIONS

If Futures Price Valuation is specified as applicable in the applicable Final Terms, the Index Securities will reference the performance of one or more futures or options contracts in respect of an index. Investors should refer to the "*Additional investment considerations in respect of Futures Price Valuation*" for details on such Index Securities.

### *Additional investment considerations in respect of Share Securities*

In respect of Share Securities, Holders will receive an amount (if any) on redemption determined by reference to the value of the share(s) or Stapled Shares, GDRs and/or ADRs and/or the physical delivery of a given number of share(s) or Stapled Shares, GDRs and/or ADRs and/or the Share Securities will pay interest calculated by reference to the value of the underlying share(s) or Stapled Shares, GDRs and/or ADRs.

No issuer of the underlying shares will have participated in the preparation of the relevant Final Terms or in establishing the terms of the Share Securities, and none of the Issuer, the Guarantor (if applicable) or any Manager will make any investigation or enquiry in connection with such offering with respect to any information concerning any such issuer of shares contained in such Final Terms or in the documents from which such information was extracted. Consequently, there can be no assurance that all events occurring prior to the relevant issue date (including events that would affect the accuracy or completeness of the publicly available information described in this paragraph or in any relevant Final Terms) that would affect the trading price of the share or Stapled Shares, GDRs and/or ADRs will have been publicly disclosed. Subsequent disclosure of any such events or the disclosure of or failure to disclose material future events concerning such an issuer of shares could affect the trading price of the share or Stapled Shares, GDRs and/or ADRs.

Except as provided in the Conditions, Holders will not have voting rights or rights to receive dividends or distributions or any other rights with respect to the relevant shares to which such Securities relate.

A Potential Adjustment Event will occur in a number of scenarios more fully described in the Conditions that have a diluting or concentrative effect on the theoretical value of the share(s). The Calculation Agent may adjust the terms of the Share Securities as it determines appropriate to take account of such Potential Adjustment Event.

An Extraordinary Event will occur upon a De-Listing, Insolvency, Merger Event, Nationalisation, Stapling, Tender Offer (unless Tender Offer is specified as not applicable in the applicable Final Terms) or (if specified in the applicable Final Terms), Illiquidity, Listing Change, Listing Suspension or CSR Event in respect of a share. If an Extraordinary Event occurs:

- (a) the Calculation Agent may make adjustments to any of the terms of the Share Securities (including, in the case of Share Securities linked to a Basket of Shares, adjustments to and/or substitution of constituent shares of the Basket of Shares);
- (b) the Issuer may redeem the Share Securities in whole or (in the case of Share Securities linked to a Basket of Shares) in part at the Early Redemption Amount; or
- (c) the Calculation Agent may make an adjustment to any terms of the Share Securities by reference to the corresponding adjustment(s) made by the relevant exchange(s) or quotation system(s) on which options on the affected Shares are traded.

If the Stapled Shares become de-stapled such that one or more shares comprising the Stapled Shares may be held, owned, sold, transferred, purchased and otherwise dealt with as an individual share, the Issuer may elect to substitute the Stapled Shares with an alternative share meeting certain criteria selected by the Calculation Agent.

If Hedging Liquidity Event is specified as applicable in the applicable Final Terms, the Issuer may redeem the Share Securities in full at the Early Redemption Amount if the volume of Shares held by the Issuer and/or any of its affiliates via hedging arrangements related to the Share Securities exceeds a specified level.

## INVESTMENT CONSIDERATIONS

In addition, if the published price of a Share is subsequently corrected, the corrected price will be used if corrected within *the* prescribed period, provided that, if the corrected price is published less than three Business Days prior to a due date for payment it will be disregarded.

### *Additional investment considerations in respect of ETI Securities*

In respect of ETI Securities, Holders will receive an amount (if any) on redemption determined by reference to the value of an interest in one or more exchange traded instruments (an "**ETI Interest**") and/or the ETI Securities will pay interest calculated by reference to the value of one or more ETI Interests. While ETI Interests are traded on an exchange and are therefore valued in a similar manner as a share traded on an exchange, if ETI Share Provisions is specified as not applicable in the applicable Final Terms, certain provisions related to ETI Securities are similar to the provisions related to funds and Fund Securities. If ETI Share Provisions is specified as applicable in the applicable Final Terms, the provisions related to the ETI Securities will be more similar to the provisions related to shares and Share Securities.

An exchange traded instrument (an "**ETI**") may invest in and trade in a variety of investments and financial instruments using sophisticated investment techniques for hedging and non-hedging purposes. None of the relevant Issuer, the Guarantor (if any) or the Calculation Agent have any control over investments made by the relevant exchange traded instrument(s) and in no way guarantee the performance of an ETI.

In hedging the relevant Issuer's obligations under the ETI Securities, an entity providing such hedging (the "**Hedge Provider**") is not restricted to any particular hedging practice. Accordingly, the Hedge Provider may hedge its exposure using any method it, in its sole discretion, deems appropriate. The Hedge Provider may perform any number of different hedging practices with respect to ETI Securities without taking into account any Holder's interests.

No entity related to the ETI will have participated in the preparation of the relevant Final Terms or in establishing the terms of the ETI Securities, and none of the Issuer, the Guarantor (if applicable) or any Manager will make any investigation or enquiry in connection with such offering with respect to any information concerning any such ETI contained in such Final Terms or in the documents from which such information was extracted. Consequently, there can be no assurance that all events occurring prior to the relevant issue date (including events that would affect the accuracy or completeness of the publicly available information described in this paragraph or in any relevant Final Terms) that would affect the trading price of the interests in the exchange traded instrument will have been publicly disclosed. Subsequent disclosure of any such events or the disclosure of or failure to disclose material future events concerning such an exchange traded instrument could affect the trading price of interests in the exchange traded instruments.

Except as provided in the Conditions, Holders will not have voting rights or rights to receive dividends or distributions or any other rights with respect to the relevant ETIs to which such Securities relate.

A Potential Adjustment Event will occur in a number of scenarios more fully described in the Conditions that have a diluting or concentrative effect on the theoretical value of the ETI Interest(s). The Calculation Agent may adjust the terms of the ETI Securities as it determines appropriate to take account of such Potential Adjustment Event.

In the case of ETI Securities where ETI Share Provisions is specified as not applicable in the applicable Final Terms, an Extraordinary ETI Event will occur as a result of events including (a) a merger of the ETI Interests or the ETI or ETI Related Party with other ETI Interests or another entity, an entity obtaining a controlling stake in the ETI or ETI Related Party or the insolvency of the ETI or any ETI Related Party (Global Events), (b) material litigation or allegations of criminal or fraudulent activity in respect of the ETI or ETI Related Party (Litigation/Fraudulent Activity Events), (c) the ETI Related Party ceasing to act without being replaced (Change in ETI Related Parties/Key Person Events), (d) a material change to the ETI or the ETI Documents (Modification Events), (e) a change to or suspension of the calculation of the Value per ETI Interest or a breach of the Investment/AUM Level or Value per ETI Interest Trigger Percentage (Net Asset Value/Investment/AUM Level Events), (f) a change in tax law, revocation of any required licence or compulsory redemption of the ETI Interests required by a competent authority (Tax/Law/Accounting/Regulatory Events), (g) an issue

## INVESTMENT CONSIDERATIONS

affecting the hedging associated with the ETI Securities (Hedging/Impracticality/Increased Costs Events) and (h) other events such as an Extraordinary ETI Event affecting a portion of the basket of ETI Interests, a rating downgrade, issues obtaining or trading ETI Interests or changes in the way dividends are paid (Miscellaneous Events), each more fully described in the Conditions. The relevant Issuer may require the Calculation Agent to adjust the terms of the ETI Securities to reflect such event, substitute the relevant ETI Interest(s) or redeem the ETI Securities at the Early Redemption Amount.

In the case of ETI Securities where ETI Share Provisions is specified as applicable in the applicable Final Terms, an Extraordinary Event will occur upon a Delisting, ETI Currency Change, ETI Modification, ETI Reclassification, ETI Redemption or Subscription Event, ETI Regulatory Action, ETI Reporting Event, ETI Strategy Breach, ETI Termination, Insolvency, Merger Event, Nationalisation or, if specified as applicable in the applicable Final Terms, Illiquidity, Listing Change, Listing Suspension or Tender Offer. If an Extraordinary Event occurs:

- (a) the Calculation Agent may make adjustments to any of the terms of the ETI Securities (including, in the case of ETI Securities linked to a Basket of ETI Interests, adjustments to and/or substitution of constituent ETI Interests of the Basket of ETI Interests);
- (b) the Issuer may redeem the ETI Securities in whole or (in the case of ETI Securities linked to a Basket of ETI Interests) in part at the Early Redemption Amount; or
- (c) the Calculation Agent may make an adjustment to any terms of the ETI Securities by reference to the corresponding adjustment(s) made by the relevant exchange(s) or quotation system(s) on which options on the affected ETI Interests are traded.

In the case of ETI Securities where ETI Share Provisions and Hedging Liquidity Event is specified as applicable in the applicable Final Terms, the Issuer may redeem the ETI Securities in full at the Early Redemption Amount if the volume of ETI Interests held by the Issuer and/or any of its affiliates via hedging arrangements related to the ETI Securities exceeds a specified level.

In addition, if the published price of an ETI Interest is subsequently corrected, the corrected price will be used if corrected within the prescribed period, provided that, if the corrected price is published less than three Business Days prior to a due date for payment it will be disregarded.

### *Additional investment considerations in respect of Debt Securities*

In respect of Debt Securities, Holders will receive an amount (if any) on redemption determined by reference to the price or yield of the underlying debt instrument(s) and/or the physical delivery of a given number of debt instrument(s) and/or the Debt Securities will pay interest calculated by reference to the price or yield of the underlying debt instrument(s).

If the published reference price of a debt instrument is subsequently corrected, the corrected reference price will be used if corrected within the specified Debt Instrument Correction Period, provided that, if the corrected reference price is published less than three Exchange Business Days prior to a due date for payment it will be disregarded.

Investors should be aware that if an underlying debt instrument is redeemed or cancelled by the relevant issuer of such debt instrument (for example, following an event of default under the terms of the relevant debt instrument), the Issuer will early redeem the Debt Securities at the Early Redemption Amount in accordance with the Conditions.

If Futures Price Valuation is specified as applicable in the applicable Final Terms, the Debt Securities will reference the performance of one or more debt futures or debt options contracts. Investors should refer to the "*Additional investment considerations in respect of Futures Price Valuation*" for details on such Debt Securities.

### *Additional investment considerations in respect of Commodity Securities*

In respect of Commodity Securities, Holders will receive an amount (if any) on redemption determined by reference to the value of the underlying commodity (including EU emissions allowances ("**EU Allowances**")), commodity index, commodities and/or commodity indices and/or Commodity Securities will pay interest calculated by reference to the value of the underlying commodity, commodity index, commodities and/or commodity indices.

Where the Commodity Securities are linked to a commodity index, such commodity index may be a well known and widely available commodity index (such as the S&P GSCI®) or a commodity index which may be less well known (such as a commodity index that is composed, sponsored and/or calculated by BNP Paribas or one of its affiliates) in which case information on the commodity index may be less readily available. A commodity index may be comprised of futures contracts, mono-indices, or other commodity indices, which may be proprietary. Pursuant to the operational rules of the relevant commodity index, the commodity index is scheduled to be calculated on a periodic basis (for example on each weekday). In the event that one of the levels, values or prices of a component included in the commodity index is not available for any reason on a relevant day of calculation including, without limitation, (a) where it is a not a business day in respect of that commodity index component or (b) that commodity index component is subject to a market disruption event, then the calculation agent of the commodity index may calculate the level of the commodity index on a different basis (for example, by taking a value for the affected commodity index component on the first day following the end of a specified maximum days of disruption based on the price at which it is able to sell or otherwise realise any hedge position). Such an occurrence may potentially result in a delay in the publication of the commodity index and the level of the commodity index may be affected.

A Market Disruption Event will occur if there is a disruption in respect of a commodity or a commodity index (a) to the availability of any price source, (b) to the ability to trade, (c) (other than in respect of Commodity Securities referencing Gold, Silver, Platinum or Palladium) caused by a change in composition, methodology or taxation, (d) (in respect of a commodity index only) to the price source or calculation of a commodity index component or (e) (in respect of Commodity Securities referencing EU Allowances only) (i) to the ability to deliver or accept EU Allowances, (ii) resulting from the discontinuation of the scheme for transferring allowances, (iii) caused by a suspension by the relevant registries of operations relating to recording the issue, holding, transfer, acquisition, surrender, cancellation and/or replacement of EU Allowances or (iv) to the establishment and functioning of the relevant registries or transaction logs maintained in respect of EU Allowance transactions. If a Market Disruption Event occurs:

- (a) the Calculation Agent may make any calculations in respect of the Commodity Securities using a price, level or value that it has determined;
- (b) the Calculation Agent may substitute any relevant commodity, reference price or commodity index component (subject to adhering to the criteria set out in the Conditions);
- (c) the Issuer may redeem the Commodity Securities in full at the Early Redemption Amount; or
- (d) (in the case of Commodity Securities that reference an EU Allowance) the Calculation Agent may make any adjustment(s) to the terms of the Commodity Securities as it considers appropriate, acting in good faith and in a commercially reasonable manner.

In the case of Commodity Securities that reference one or more commodity indices, if:

- (a) the commodity index is replaced by a successor commodity index with the same or a substantially similar method for calculating that commodity index or the original commodity index sponsor is replaced by a successor commodity index sponsor acceptable to the Calculation Agent such successor commodity index or successor commodity index sponsor will replace the original commodity index or the original commodity index sponsor, as applicable; and

## INVESTMENT CONSIDERATIONS

- (b) following a modification to the methodology of the commodity index (a Commodity Index Modification), a permanent cancellation of the commodity index (a Commodity Index Cancellation) or if the commodity index sponsor fails to calculate or publish the level of the commodity index on a relevant date for valuation (a Commodity Index Disruption) (each, a Commodity Index Adjustment Event), (i) the Calculation Agent may determine whether to (x) determine the level of the commodity index itself, or (y) replace the commodity index, or (ii) the Issuer may redeem the Commodity Securities at the Early Redemption Amount.

In addition, if the reference price of a commodity or commodity index is subsequently corrected, the corrected reference price will be used if corrected within 30 calendar days of the original publication, provided that, if the corrected level is published less than three Commodity Business Days prior to a due date for payment it will be disregarded.

If the applicable Final Terms specifies that the Commodity Securities are linked to the performance of a futures contract in respect of a commodity, the considerations described above will apply to such futures contract by reference to the underlying commodity. If the applicable Final Terms specify that the Commodity Securities are "Rolling Futures Contract Securities", the reference price of the commodity will be valued by reference to futures contracts with delivery months that do not match the Redemption Date of the Commodity Securities. The Calculation Agent will select a new futures contract on each Futures Rollover Date specified in the applicable Final Terms. If it is impossible or materially impracticable to select a new futures contract and/or hedge the Issuer's obligations in respect of the Commodity Securities, the consequences of a Market Disruption Event or a Commodity Index Adjustment Event described above will apply.

### *Additional investment considerations in respect of Commodity Securities that are linked to EU Allowances*

The market for carbon emission allowances or credits has emerged as a consequence of the Kyoto Protocol and covers both industrial and developing countries. Industrial countries are allocated emissions allowances under the Kyoto Protocol. The EU introduced its own emission trading scheme (the "EU-ETS") in 2005 (pursuant to Directive 2003/87/EC, as amended from time to time (the "EU Emissions Allowance Directive")), which extends beyond the 2012 termination of the Kyoto Protocol.

An EU Allowance refers to an "allowance", as such term is defined in the EU Emissions Allowance Directive, that has been issued by a competent authority pursuant to Article 25 of the EU Emissions Allowance Directive. One EU Allowance corresponds to the emission by the holder of one tonne of carbon dioxide (CO<sub>2</sub>) equivalent during a specified period which is valid for meeting certain emissions related obligations. The EU's member states issue new EU Allowances annually to each company subject to the EU-ETS. These awards are made in accordance with an allocation plan approved by the European Commission which is based on the EU's application of the Kyoto Protocol's obligations to the industries covered by the EU-ETS. By 30 April in each year, companies are obliged to "surrender" a number of EU Allowances corresponding to their actual emissions in the preceding year. EU Allowances can also be rolled over from one year to the next if a company emits less carbon dioxide or carbon-equivalent greenhouse gas than the EU Allowances it holds. EU Allowances have a limited or no value outside the EU-ETS.

### *Additional investment considerations in respect of Inflation Index Securities*

In respect of Inflation Index Securities, Holders will receive an amount (if any) on redemption determined by reference to the value of the underlying inflation index/indices and/or the Inflation Index Securities will pay interest calculated by reference to the value of the underlying inflation index/indices.

The terms of the Inflation Index Securities may be adjusted by the Calculation Agent if the Calculation Agent determines that the Index Sponsor fails to publish or announce the level of an inflation index. The Calculation Agent will determine a substitute level for the relevant inflation index by reference to (a) a related bond specified in the Final Terms or (b) a formula that calculates the level of the relevant inflation index based on previously available levels. If publication of the level of the relevant inflation index is disrupted or discontinued or the inflation index is cancelled, the Calculation Agent

## INVESTMENT CONSIDERATIONS

may determine a successor inflation index. The Calculation Agent may further adjust the terms of the Inflation Index Securities to take account of such substitute level or substitute inflation index.

The Calculation Agent may also make adjustments to the terms of the Inflation Index Securities or the relevant level of an inflation index if (a) a published level is subsequently revised within the cut-off periods described in the Conditions, (b) there is a material change to the formula for calculating an inflation index or (c) an inflation index is rebased, provided that, if an inflation index is rebased such that the Calculation Agent is unable to make adjustments that would produce a commercially reasonable result, the Issuer may redeem the Inflation Index Securities at the Early Redemption Amount.

Investors should be aware that if an inflation index is cancelled (and the Calculation Agent is unable to determine a successor inflation index), either the Calculation Agent will calculate the level of the inflation index or the Issuer will redeem the Inflation Index Securities at the Early Redemption Amount in accordance with the Conditions.

### *Additional investment considerations in respect of Currency Securities*

In respect of Currency Securities, Holders will receive an amount (if any) on redemption determined by reference to the value of the currency/currencies and/or the physical delivery of a given amount of a currency or currencies and/or Currency Securities will pay interest calculated by reference to the value of the underlying currency/currencies. Currency Securities reference the performance of an exchange rate between a base currency and one or more subject currencies.

A Disruption Event will occur in respect of the base currency or any subject currency if (i) there is a disruption to the source of the exchange rate, (ii) (unless Illiquidity Disruption is specified as not applicable in the applicable Final Terms) it is not possible to obtain firm quotes for such currency, (iii) the currency is split into more than one currency exchange rate, or (iv) circumstances similar to (i), (ii) (if applicable) or (iii) arise. Upon the occurrence of a Disruption Event in respect of a date for valuation, the following consequences may apply:

- (a) the Calculation Agent may postpone the relevant date for valuation until the Disruption Event is no longer subsisting, up to a maximum number of days specified in the applicable Final Terms (or if not specified five Scheduled Trading Days), following which the Calculation Agent may determine a level for the subject currency as of the last such Scheduled Trading Day;
- (b) the Issuer may redeem the Currency Securities in full at the Early Redemption Amount; or
- (c) (unless Disruption Postponement is specified as not applicable in the applicable Final Terms) the Calculation Agent may postpone any payment date until a Disruption Event is no longer subsisting.

If Futures Price Valuation is specified as applicable in the applicable Final Terms, the Currency Securities will reference the performance of one or more currency futures or currency options contracts. Investors should refer to the "*Additional investment considerations in respect of Futures Price Valuation*" for details on such Currency Securities.

### *Additional investment considerations in respect of Fund Securities (other than where the Fund is a Euro Fund)*

In respect of Fund Securities (other than where the Fund is a Euro Fund), Holders will receive an amount (if any) on redemption determined by reference to the value of fund shares or units in one or more funds (including hedge funds, mutual funds or private equity funds) (each a "**Fund**"), the level of a fund index comprised of such fund shares or units and/or the physical delivery of a given number of fund shares or units and/or Fund Securities will pay interest calculated by reference to the value of the fund shares or units or the level of the fund index. The value of fund shares or units or the level of a fund index may be affected by the performance of the fund service providers, and in particular the investment adviser (each a "**Fund Service Provider**").

Funds may trade and invest in a broad range of investments and financial instruments using sophisticated investment techniques. None of the relevant Issuer, the Guarantor (if any) or the Calculation Agent have any control over investments

## INVESTMENT CONSIDERATIONS

made by a Fund and therefore in no way guarantee the performance of a Fund. Funds may often be illiquid and may only be traded on a monthly, quarterly or even less frequent basis. The trading strategies of Funds are often opaque. Funds, as well as the markets and instruments in which they invest, are often not subject to review by governmental authorities, self-regulatory organisations or other supervisory authorities.

A Fund may be established as part of a master-feeder fund structure. Generally, a master-feeder fund structure involves the incorporation of a "master" fund company into which separate and distinct "feeder" funds invest. Active management of any investment strategy is, generally, performed at the master fund level. In instances where the Fund(s) underlying the relevant Fund Securities are "feeder" funds, the Extraordinary Fund Events described below extend to include the "master" fund and its service providers. In conducting their own due diligence of the relevant Fund(s), prospective investors should consider whether the relevant Fund(s) are established as part of a master-feeder fund structure.

No Fund Service Provider will have participated in the preparation of the relevant Final Terms or in establishing the terms of the Fund Securities, and none of the Issuer, the Guarantor (if applicable) or any Manager will make any investigation or enquiry in connection with such offering with respect to any information concerning any such issuer of fund shares or units contained in such Final Terms or in the documents from which such information was extracted. Consequently, there can be no assurance that all events occurring prior to the relevant issue date (including events that would affect the accuracy or completeness of the publicly available information described in this paragraph or in any relevant Final Terms) that would affect the trading price of the fund shares or units or the level of the fund index will have been publicly disclosed. Subsequent disclosure of any such events or the disclosure of or failure to disclose material future events concerning such an issuer of fund shares or units could affect the trading price of the fund shares or units or the level of the fund index and therefore the trading price of the Fund Securities.

Except as provided in the Conditions, Holders will not have voting rights or rights to receive dividends or distributions or any other rights with respect to the relevant fund shares or units or the relevant fund index to which such Securities relate.

An Extraordinary Fund Event will occur as a result of events including (a) a merger of the Fund or Fund Service Provider another entity, an entity obtaining a controlling stake in the Fund or Fund Service Provider or the insolvency of the Fund or any Fund Service Provider (Global Events), (b) material litigation or allegations of criminal or fraudulent activity in respect of the Fund or Fund Service Provider (Litigation/Fraudulent Activity Events), (c) the Fund Service Provider or its key personnel ceasing to act and not being replaced (Fund Service Provider/Key Person Events), (d) a material change to the Fund or the Fund Documents (Modification Events), (e) a change to or suspension of the calculation of the NAV per Fund Share or a breach of the AUM Level or NAV Trigger Percentage (NAV per Fund Share/AUM Level Events), (f) the failure of the Fund or the Fund Service Provider to provide required information (Reporting Events), (g) a change in tax law, revocation of any required licence or compulsory redemption of the fund shares required by a competent authority (Tax/Law/Accounting/Regulatory Events), (h) an issue affecting the hedging associated with the Fund Securities (Hedging/Impracticality/Increased Costs Events), (i) a restriction or limitation on subscriptions or redemptions of any fund shares (Dealing Events) and (j) other events such as an Extraordinary Fund Event affecting a portion of the basket or Fund Index components, an issue with any rebate agreements, segregation of Fund portfolios, security granted by the Fund or any Fund Service Provider or a rating downgrade (Miscellaneous Events), each more fully described in the Conditions. The relevant Issuer may require the Calculation Agent to adjust the terms of the Fund Securities to reflect such event, substitute the relevant Fund Shares or the Issuer may redeem the Fund Securities at the Early Redemption Amount.

If the Fund Securities reference a fund index, a Fund Index Adjustment Event will occur following a modification to the methodology of the fund index (a Fund Index Modification), a permanent cancellation of the fund index (a Fund Index Cancellation) or if the fund index sponsor fails to calculate or publish the level of the fund index on a relevant date for valuation (a Fund Index Disruption). Upon the occurrence of a Fund Index Adjustment Event, (i) the Calculation Agent



## INVESTMENT CONSIDERATIONS

may determine whether to (x) determine the level of the fund index itself, or (y) replace the fund index, or (ii) the Issuer may early redeem the Fund Securities at the Early Redemption Amount.

The Hedge Provider may not receive the proceeds of redeeming any fund shares that they hold on the date expected, for example, if redemption is delayed or suspended by the Fund. If this occurs, the Redemption Date of the Fund Securities may be postponed for a period of up to two calendar years (or such other period as may be specified in the applicable Final Terms) and no additional amount shall be payable as a result of such delay.

### *Additional investment considerations in respect of Fund Securities (where the Fund is a Euro Fund)*

In respect of Fund Securities where the Fund is a Euro Fund, Holders will receive an amount (if any) on redemption determined by reference to the gross rate of return of an insurance or investment policy or capitalisation contract backed by euro-denominated assets (a "**Euro Fund**") offered by the insurance company specified in the applicable Final Terms and/or Fund Securities will pay interest calculated by reference to such gross rate of return. The gross rate of return in respect of a Euro Fund may be affected by the performance of the insurance company that offers the Euro Fund and/or the assets underlying the Euro Fund.

Euro Funds typically invest in long-term, stable assets, such as bonds, on a "buy-to-hold" basis. As a consequence, although none of the relevant Issuer, the Guarantor (if any) or the Calculation Agent have any control over investments made by a Euro Fund, the yield of a Euro Fund portfolio is generally known in advance. Euro Funds offer investors a guaranteed rate of return, which is generally higher than the money market rate, but limited in terms of performance potential.

No insurance company will have participated in the preparation of the relevant Final Terms or in establishing the terms of the Fund Securities, and none of the Issuer, the Guarantor (if applicable) or any Manager will make any investigation or enquiry in connection with such offering with respect to any information concerning any such insurance company offering such Euro Fund or the assets underlying such Euro Fund referenced in such Final Terms or in the documents from which such information was extracted. Consequently, there can be no assurance that all events occurring prior to the relevant issue date (including events that would affect the accuracy or completeness of the publicly available information described in this paragraph or in any relevant Final Terms) that would affect the gross rate of return of the Euro Fund will have been publicly disclosed. Subsequent disclosure of any such events or the disclosure of or failure to disclose material future events concerning such an insurance company could affect the gross rate of return of the Euro Fund and therefore the trading price of the Fund Securities.

An Extraordinary Euro Fund Event will occur as a result of events including (a) the application of the gross rate of return of the Euro Fund in a manner that is different to that which is described in the contractual policy documents of the Euro Fund, (b) redemption by the insurance company of a policyholder's investment in the Euro Fund or cancellation of the Euro Fund, (c) a material modification of the Euro Fund, (d) a merger of the insurance company with another entity (or similar event) or the sale, transfer, segregation or desegregation of the assets of the insurance company which affects the gross rate of return of the Euro Fund, (d) the insolvency of the insurance company, (e) any litigation against the insurance company that could materially affect the rate of return of the Euro Fund, (f) a change in tax law, revocation of any required licence or compulsory redemption of policyholders' investments in a Euro Fund required by a competent authority or (g) the failure of the insurance company to provide required information, each more fully described in the Conditions. The relevant Issuer may require the Calculation Agent to adjust the terms of the Fund Securities to reflect such event, substitute the relevant Euro Fund or the Issuer may redeem the Fund Securities at the Early Redemption Amount.

### *Additional investment considerations in respect of Futures Securities*

In respect of Futures Securities, Holders will receive an amount (if any) on redemption determined by reference to the value of one or more futures contracts and/or Futures Securities will pay interest calculated by reference to the value of one or more futures contracts.

## INVESTMENT CONSIDERATIONS

A Futures Adjustment Event will occur if the relevant exchange makes or announces (a) a modification to the futures contract (a Futures Modification), (b) a replacement of the futures contract with another futures contract (a Futures Replacement) or (c) that the futures contract will cease to be listed, traded or publicly quoted (a Futures De-Listing). Upon the occurrence of a Futures Adjustment Event (i) the Calculation Agent may determine whether to use the futures contract so modified or replaced, as the case may be, or (ii) the Issuer may redeem the Futures Securities at the Early Redemption Amount.

In addition, if the published price of a futures contract is subsequently corrected, the corrected price will be used if it is corrected within the prescribed period, provided that, if the corrected price is published less than three Exchange Business Days prior to a due date for payment it will be disregarded.

### *Additional investment considerations in respect of Underlying Interest Rate Securities*

In respect of Underlying Interest Rate Securities, Holders will receive an amount (if any) on redemption determined by reference to the value of one or more underlying interest rates and/or Underlying Interest Rate Securities will pay interest calculated by reference to the value of one or more underlying interest rates.

The underlying interest rate will be determined by reference to a hypothetical interest rate swap transaction if ISDA Determination is specified in the applicable Final Terms or by reference to a rate provided on a screen page if Screen Rate Determination is specified in the applicable Final Terms. Regardless of the rate that is determined, if it is subject to a cap and/or a floor, such underlying interest rate will be deemed to be no higher than the Maximum Underlying Reference Rate specified in the applicable Final Terms and/or no lower than the Minimum Underlying Reference Rate specified in the applicable Final Terms.

### *Additional investment considerations in respect of Futures Price Valuation*

A futures transaction constitutes the contractual obligation to buy or sell a certain amount or number of the respective underlying at a fixed price and at a predetermined future point in time. Futures contracts are traded on futures exchanges and standardised for this purpose with respect to their contract size, the nature and quality of the underlying as well as delivery places and dates, if any.

In the case of Debt Securities, Index Securities or Currency Securities where Futures Price Valuation is applicable, the Securities are exposed to a futures or options contract relating to a synthetic debt instrument (in the case of Debt Securities), an index (in the case of Index Securities) or a rate of exchange (in the case of Currency Securities). If trading in the futures contract never commences or is permanently discontinued on or prior to a date for valuation and the relevant price for the futures contract is not available, (a) (in the case of Index Securities, other than where ETS Final Payout 2300 applies) the level of the underlying index shall be used for any calculation, or (b) (in any other case) the Issuer shall redeem the Securities at the Early Redemption Amount.

If adjustments are made to the futures contract by the relevant exchange, the Calculation Agent will make consequential adjustments to the Securities to account for such change. In addition, if the published price of a futures contract is subsequently corrected, the corrected price will be used if it is corrected within the prescribed period, provided that, if the corrected price is published less than three Business Days prior to a due date for payment it will be disregarded.

### *Additional investment considerations in respect of Rolling Futures Contract Securities*

Futures contracts have a predetermined expiration date. Holding a futures contract until expiration will result in delivery of the physical underlying or the requirement to make or receive a cash settlement amount. Rolling Futures Contract Securities are valued by reference to futures contracts that have a delivery or expiry month that do not correspond with the term of the Securities. Consequently the futures contracts are "rolled" which means that the futures contract that is nearing expiration is sold before it expires and a futures contract that has an expiration date further in the future is purchased, thus maintaining ongoing exposure to such underlying futures contracts throughout the term of the Securities.

## INVESTMENT CONSIDERATIONS

The Calculation Agent will select a new futures contract on each Futures Rollover Date specified in the applicable Final Terms. If it is impossible or materially impracticable to select a new futures contract and/or (unless Related Hedging is specified as not applicable in the applicable Final Terms) hedge the Issuer's obligations in respect of the Securities, the Issuer will redeem the Securities in full at the Early Redemption Amount.

### *Additional investment considerations in respect of Credit Securities*

In respect of Credit Securities, Holders will receive an amount (if any) on redemption determined by reference to a hypothetical credit default swap referencing obligations of one or more Reference Entities. Reference Entities may be corporate, sovereign or supra-national entities. Following the occurrence of a Credit Event with respect to a Reference Entity to which the Credit Securities are linked, the redemption value and any interest payable in respect of the Credit Securities may be significantly reduced, which reduction may be to zero. The observation period during which a Credit Event in respect of a Reference Entity may trigger a reduction of the redemption amount or interest payable in respect of a Credit Security will be specified in the applicable Final Terms, and may begin prior to the Issue Date of the Credit Securities.

The market value of Credit Securities will be linked to the market perception of the creditworthiness of the relevant Reference Entity. Even where a Credit Event does not occur, the market value of the Credit Securities may be affected when the probability or perceived probability of a Credit Event occurring in respect of any Reference Entity increases.

Buying a Credit Security is not equivalent to investing in debt obligations of a Reference Entity. A Credit Security confers no rights in respect of any debt obligations of the relevant Reference Entity. The holding of a Credit Security is unlikely to lead to outcomes which exactly reflect the impact of investing in an obligation of a Reference Entity. The relevant Issuer's obligations in respect of Credit Securities are irrespective of the existence or amount of the relevant Issuer's and/or any Affiliates' credit exposure to a Reference Entity.

A Credit Event may occur as a result of events including: (a) the relevant Reference Entity's failure to perform certain financial obligations when due (where the NTCE Provisions are not applicable in respect of a particular Reference Entity, whether or not such failure represents a deterioration in the financial condition or creditworthiness of the Reference Entity); (b) with respect to the relevant Reference Entity, its dissolution, insolvency, inability to pay its debts, entry into a general assignment, arrangement, scheme or composition with or for the benefit of its creditors generally, becoming the subject of proceedings seeking a judgment of insolvency or bankruptcy or any similar relief, passing of a resolution for its winding-up or liquidation, or being subject to the appointment of an administrator, liquidator, conservator, receiver, trustee, custodian or other similar official for its assets; (c) certain financial obligations of the relevant Reference Entity becoming (or being capable of becoming) due and payable before they would otherwise have been due and payable as a result of the occurrence of a default, event of default or other similar condition or event (however described); (d) an authorised officer of the Reference Entity or a governmental authority disaffirms, disclaims, repudiates or rejects, in whole or in part, or challenges the validity of, one or more of certain financial obligations of the relevant Reference Entity, or declares or imposes a moratorium, standstill, roll-over or deferral, whether de facto or de jure, with respect to such obligations; (e) a restructuring of certain financial obligations of the relevant Reference Entity is agreed between the Reference Entity or a governmental authority and a sufficient number of holders of the relevant obligation to bind all holders of such obligations, or such a restructuring is announced (or otherwise decreed) by the relevant Reference Entity or a governmental authority in a form that binds all holders of the relevant obligations, where such event is not expressly provided for under the terms of such obligations (and whether or not such restructuring arises from a deterioration in the financial condition or creditworthiness of the Reference Entity); or (f) certain rights of creditors in respect of certain financial obligations of the Reference Entity are adversely affected as a result of action taken or an announcement made by a governmental authority pursuant to, or by means of, a restructuring and resolution law or regulation (or any other similar law or regulation), in each case, applicable to the Reference Entity in a form which is binding, irrespective of whether such event is expressly provided for under the terms of such obligations. The foregoing summary is not a comprehensive list of events which may constitute a Credit Event, and such events are more fully described in the

## **INVESTMENT CONSIDERATIONS**

Conditions. Applicable Credit Events in respect of a particular Reference Entity will be set out in the terms of the Credit Securities (which may be by reference to publicly available documentation). The application of certain Credit Events with respect to certain Reference Entities may be further varied by the terms of the Credit Securities.

## USER'S GUIDE TO THE BASE PROSPECTUS

### 1. INTRODUCTION

The purpose of this section (the "**User's Guide**") is to provide potential investors with a tool to help them navigate through the various documents relating to Securities issued by BNPP or BNPP B.V. under the Base Prospectus.

### 2. DOCUMENTATION

For each issue of Securities under the Base Prospectus, the documents listed below will be available to potential investors on an ongoing basis.

#### 2.1 The Base Prospectus

This document:

- contains an overview of the contents of this Base Prospectus, the information relating to BNPP (as Issuer or Guarantor) and BNPP B.V. (as Issuer) and the risk factors;
- sets out the Terms and Conditions of the Securities (other than the specific commercial terms and characteristics of a particular issue, in respect of which, see paragraph 2.3 below);
- sets out the possible specific characteristics of the Securities, including the payout formulae used to calculate the amount(s) (if any) payable or assets deliverable to the investors on redemption and the Underlying Reference(s); and
- details the terms specific to each type of Underlying Reference linked Securities in the annexes to the Terms and Conditions of the Securities.

#### 2.2 The Supplement(s)

If a significant new factor, material mistake or material inaccuracy relating to the information included in the Base Prospectus, which is capable of affecting a potential investor's assessment of the Securities arises, the Issuer and the Guarantor (if applicable) will publish a supplement to the Base Prospectus. The supplement will be approved by the *Autorité des Marchés Financiers* (the "**AMF**") in accordance with Article 23 of the Prospectus Regulation and published on the website of the AMF ([www.amf-france.org](http://www.amf-france.org)) and on the website of BNPP (<https://rates-globalmarkets.bnppparibas.com/gm/public/LegalDocs.aspx>).

In accordance with Article 23(2a) of the Prospectus Regulation, investors who have already agreed to purchase or subscribe for Securities before this Base Prospectus is published have the right, exercisable within three working days after the publication of this Base Prospectus, to withdraw their acceptances, provided that the significant new factor, material mistake or material inaccuracy arose or was noted before the closing of the offer period or the delivery of the Securities, whichever occurs later. Investors should be aware, however, that the law of the jurisdiction in which they have accepted an offer of Securities may provide for a longer time limit.

#### 2.3 The Final Terms or (in the case of Exempt Securities) Final Terms for Exempt Securities

The Final Terms or (in the case of Exempt Securities) the Final Terms for Exempt Securities will be prepared to document each specific issue of Securities. It will contain:

- the specific terms of the issue, including but not limited to: the number of Securities being issued, the relevant identification codes and the currency of the Securities;



## USER'S GUIDE TO THE BASE PROSPECTUS

- the commercial terms of the issue, such as the payout formula for redemption, coupons or premium amount, any automatic early redemption provisions and the related definitions in respect of a specific issue of Securities, as described in the Base Prospectus and completed by the applicable Final Terms or (in the case of Exempt Securities) as further described in the applicable Final Terms for Exempt Securities;
- the Underlying Reference(s) to which the Securities are linked;
- the relevant dates, such as the issue date, interest payment dates, valuation or averaging date(s) and redemption date; and
- if required, a duly completed summary specific to such issue of Securities (the "**issue specific summary**").

### 3. HOW TO NAVIGATE THE BASE PROSPECTUS

All Securities issued under the Base Prospectus will be subject to the generic sections of the Base Prospectus summarised above. **Investors should note that depending on the specific terms of an issue of Securities not all sections of the Base Prospectus will be relevant to each issuance.**

The table below lists all of the sections of the Base Prospectus and their applicability to each issue of Securities:

	Sections which are applicable to all Securities
	Sections which are only applicable to specific issues of Securities

## Contents of the Base Prospectus

- OVERVIEW OF THIS BASE PROSPECTUS
- RISKS
- INVESTMENT CONSIDERATIONS
- USER'S GUIDE TO THE BASE PROSPECTUS
- AVAILABLE INFORMATION
- FORWARD-LOOKING STATEMENTS
- PRESENTATION OF FINANCIAL INFORMATION
- DOCUMENTS INCORPORATED BY REFERENCE
- SECURITY AND COLLATERAL IN RESPECT OF SECURED SECURITIES
- SECURITY AND COLLATERAL IN RESPECT OF SECURED SECURITIES WHICH ARE NOTIONAL VALUE REPACK SECURITIES
- FORM OF FINAL TERMS
  
- TERMS AND CONDITIONS OF THE SECURITIES
  
- Additional Terms and Conditions for Payouts
  
- Additional Terms and Conditions for Index Securities
- Additional Terms and Conditions for Share Securities
- Additional Terms and Conditions for ETI Securities
- Additional Terms and Conditions for Debt Securities
- Additional Terms and Conditions for Commodity Securities
- Additional Terms and Conditions for Inflation Index Securities
- Additional Terms and Conditions for Currency Securities
- Additional Terms and Conditions for Fund Securities
- Additional Terms and Conditions for Futures Securities
- Additional Terms and Conditions for Underlying Interest Rate Securities
- Additional Terms and Conditions for Credit Securities
- Additional Terms and Conditions for Secured Securities
- Additional Terms and Conditions for Preference Share Certificates
- Additional Terms and Conditions for OET Certificates
- Additional Terms and Conditions for Actively Managed Securities
  
- INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES
  
- DESCRIPTION OF BNPP INDICES
- CONNECTED THIRD PARTY INDICES
  
- FORM OF THE ENGLISH LAW GUARANTEE FOR UNSECURED SECURITIES
- FORM OF THE ENGLISH LAW GUARANTEE FOR SECURED SECURITIES
- FORM OF THE FRENCH LAW GUARANTEE FOR UNSECURED SECURITIES
- FORM OF THE FRENCH LAW GUARANTEE FOR SECURED SECURITIES
  
- USE OF PROCEEDS
- DESCRIPTION OF BNPP B.V.
- DESCRIPTION OF BNPP
  
- FORM OF THE SECURITIES
- BOOK-ENTRY CLEARANCE SYSTEMS
- BOOK-ENTRY SYSTEMS
- TAXATION
- CERTAIN CONSIDERATIONS FOR ERISA AND OTHER EMPLOYEE BENEFIT PLANS
- NOTICE TO PURCHASERS AND HOLDERS OF U.S. SECURITIES AND TRANSFER RESTRICTIONS
- OFFERING AND SALE
- GENERAL INFORMATION

1. Sections providing general information on the Base Prospectus, the Issuer(s), the Guarantor and the Securities

2. Section setting out the general terms governing the Securities

3. Section detailing the different payout

4. Sections applicable to Securities depending on the Underlying Reference(s). One or more sections may apply depending on the Underlying Reference(s).

5. Section listing the relevant defined terms

6. Sections describing BNPP indices and connected third party indices

7. Sections detailing the terms of each of the guarantees

8. Sections relating to the Issuer / Guarantor (as applicable)

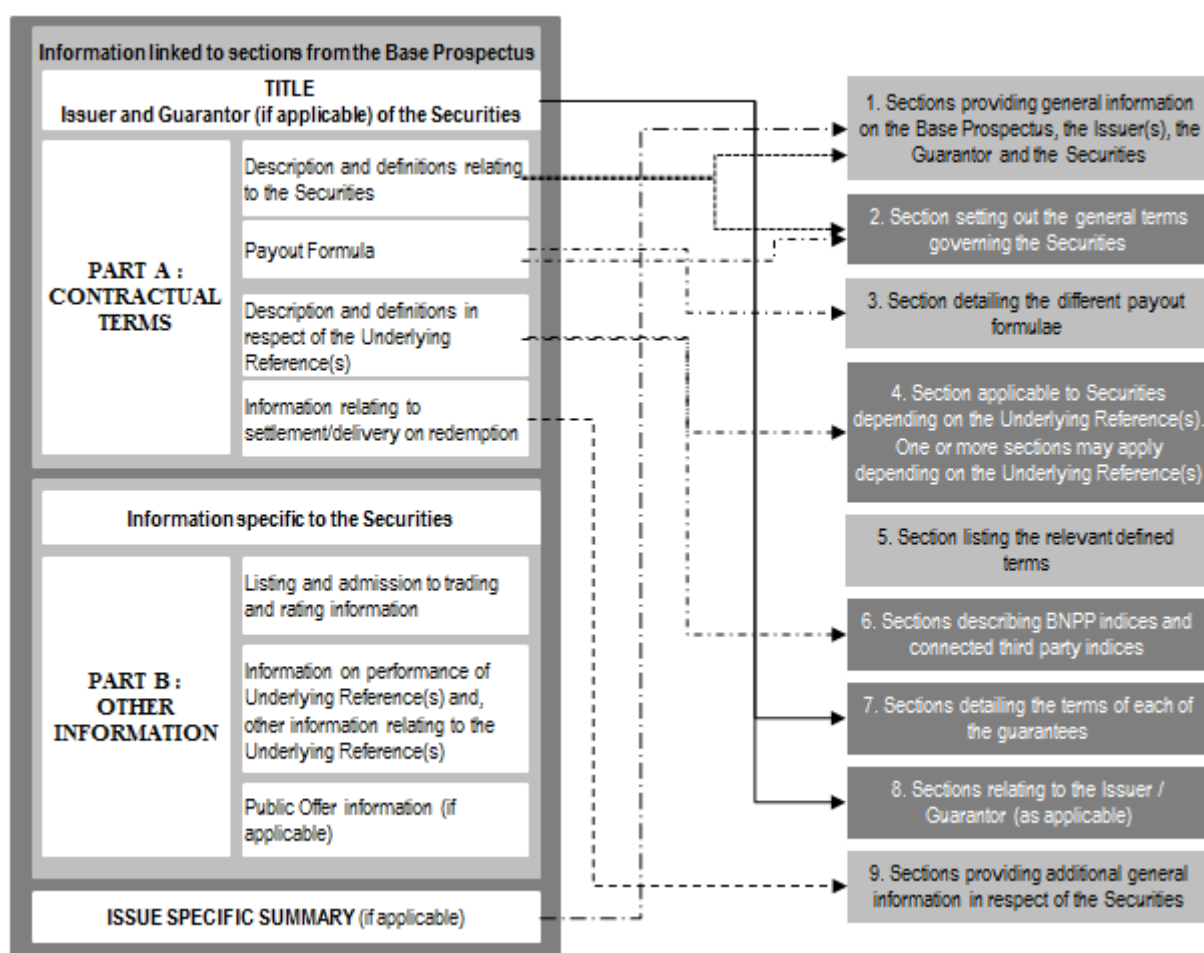
9. Sections providing additional general information in respect of the Securities

#### 4. HOW TO READ THE FINAL TERMS

The applicable Final Terms are divided in three parts:

- Part A, titled "CONTRACTUAL TERMS", which provides the specific contractual terms of the Securities;
- Part B, titled "OTHER INFORMATION", which provides other information specific to the Securities; and
- In the case of Securities where an issue specific summary is required, an issue specific summary of the Securities will be appended to the Final Terms.

Exhaustive information on the characteristics of the Securities as set out in Parts A and B of the applicable Final Terms is available in the Base Prospectus. The following diagram indicates the links between the various clauses of Parts A and B of the applicable Final Terms and the corresponding sections of the Base Prospectus set out above.





## AVAILABLE INFORMATION, FORWARD-LOOKING STATEMENTS, PRESENTATION OF FINANCIAL INFORMATION

### AVAILABLE INFORMATION

So long as any of the U.S. Securities are "restricted securities" within the meaning of Rule 144(a)(3) under the Securities Act, and neither BNPP nor BNPP B.V. is subject to and in compliance with Section 13 or 15(d) of the United States Securities Exchange Act of 1934, as amended (the "**Exchange Act**"), nor exempt from reporting pursuant to Rule 12g3-2(b) thereunder, BNPP has undertaken to furnish to each Holder or beneficial owner of U.S. Securities, whether issued by BNPP or issued by BNPP B.V. and to any prospective purchaser, any information required to be delivered under Rule 144A(d)(4) under the Securities Act.

### FORWARD-LOOKING STATEMENTS

The documents incorporated by reference (such sections being the "**BNP Paribas Disclosure**") contain forward-looking statements. BNP Paribas, BNPP B.V. and the BNP Paribas Group (being BNP Paribas together with its consolidated subsidiaries, the "**Group**") may also make forward-looking statements in their offering circulars, in press releases and other written materials and in oral statements made by their officers, directors or employees to third parties. Statements that are not historical facts, including statements about BNPP, BNPP B.V. or the Group's beliefs and expectations, are forward-looking statements. These statements are based on current plans, estimates and projections, and therefore undue reliance should not be placed on them. Forward-looking statements speak only as of the date they are made, and BNPP, BNPP B.V. and the Group undertake no obligation to update publicly any of them in light of new information or future events.

### PRESENTATION OF FINANCIAL INFORMATION

Most of the financial data presented, or incorporated by reference, in this Base Prospectus are presented in euros.

The audited consolidated financial statements of BNPP for the years ended 31 December 2020 and 31 December 2021 have been prepared in accordance with international financial reporting standards ("**IFRS**") as adopted by the European Union. IFRS differs in certain significant respects from generally accepted accounting principles in the United States ("**U.S. GAAP**"). The Group has made no attempt to quantify the impact of those differences. In making an investment decision, investors must rely upon their own examination of the Group, the terms of an offering and the financial information. Potential investors should consult their own professional advisors for an understanding of the differences between IFRS and U.S. GAAP, and how those differences might affect the information herein. The Group's fiscal year ends on 31 December and references in the BNPP 2020 Universal Registration Document (in English) and the BNPP 2021 Universal Registration Document (in English) and any amendment to the BNPP 2021 Universal Registration Document (in English) (in each case, as defined in "*Documents Incorporated by Reference*" below and incorporated by reference herein) to any specific fiscal year are to the 12-month period ended 31 December of such year.

Due to rounding, the numbers presented throughout the BNP Paribas Disclosure and in the table under the heading "Capitalisation and Medium and Long Term Debt Indebtedness over one year of BNPP and the BNP Paribas Group" in the General Information section below may not add up precisely, and percentages may not reflect precisely absolute figures.

## DOCUMENTS INCORPORATED BY REFERENCE

### DOCUMENTS INCORPORATED BY REFERENCE

This Base Prospectus should be read and construed in conjunction with the following documents which have been previously published or are published simultaneously with this Base Prospectus and shall be incorporated in, and form part of, this Base Prospectus:

- (a) (i) the terms and conditions of the Certificates and the Terms and Conditions of the Securities and (ii) the form of final terms of the Securities, in each case from the base prospectus or supplements listed in the table below (the "**Previous Certificate Conditions and Form of Final Terms**");
- (b) the final terms for each Non-Exempt Offer (as defined below) extending beyond the validity of the 2021 Base Prospectus (as defined below) (the "**Offers Extending Beyond the Validity of the Base Prospectus**");
- (c) the statutory annual reports for 2020 (the "**2020 BNPP B.V. Annual Report**") and 2021 (the "**2021 BNPP B.V. Annual Report**") which include, respectively, the audited annual non-consolidated financial statements of BNPP B.V. as at, and for the years ended, 31 December 2020 and 31 December 2021 (the "**BNPP B.V. 2020 Financial Statements**" and the "**BNPP B.V. 2021 Financial Statements**" respectively) and the respective auditors' reports thereon;
- (d) BNPP's *Document d'Enregistrement Universel au 31 décembre 2020 et rapport financier annuel* in English including the consolidated financial statements for the year ended 31 December 2020 and the statutory auditors' report thereon, other than the sections entitled "Person Responsible for the Universal Registration Document" and the "Table of Concordance", with filing number D.21-0114 (the "**BNPP 2020 Universal Registration Document (in English)**");
- (e) BNPP's *Document d'Enregistrement Universel au 31 décembre 2021 et rapport financier annuel* in English including the consolidated financial statements for the year ended 31 December 2021 and the statutory auditors' report thereon, other than the sections entitled "Person Responsible for the Universal Registration Document" and the "Table of Concordance", with filing number D.22-0156 (the "**BNPP 2021 Universal Registration Document (in English)**"); and
- (f) the first *Amendement au Document d'Enregistrement Universel 2021* (in English), other than the sections entitled "Person Responsible for the Universal Registration Document" and the "Table of Concordance", with filing number D.22-0156-A01 (the "**First Amendment to the BNPP 2021 Universal Registration Document (in English)**"),

save that any statement contained herein or in a document which is deemed to be incorporated by reference herein shall be deemed to be modified or superseded for the purpose of this Base Prospectus to the extent that such statement is inconsistent with a statement contained in this Base Prospectus or any supplement to this Base Prospectus.

*Any non-incorporated parts of a document referred to herein (which, for the avoidance of doubt, means any parts not listed in the cross-reference list below) are either deemed not relevant for an investor or are otherwise covered elsewhere in this Base Prospectus.*

The information incorporated by reference above is available as follows:

<i>Previous Certificate Conditions and Final Terms</i>		
Document and website	Information Incorporated by Reference	Page References
<b>2005 Base Prospectus</b>		

## DOCUMENTS INCORPORATED BY REFERENCE

<p>Base prospectus of BNPP and BNPP B.V. dated 18 October 2005 as approved by the Commission de Surveillance du Secteur Financier (the "CSSF") (the "<b>2005 Base Prospectus</b>")</p> <p><a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/1_Warrants_Certificates_Base_Prospectus_18_10_05.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/1_Warrants_Certificates_Base_Prospectus_18_10_05.pdf</a></p>	2005 Certificate Conditions	94-135
	2005 Form of Final Terms	25-41
<b>January 2006 Base Prospectus</b>		
<p>Base prospectus of BNPP and BNPP B.V. dated 18 January 2006 as approved by the CSSF (the "<b>January 2006 Base Prospectus</b>")</p> <p><a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/2_060118_Base_Prospectus_PDF_Final.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/2_060118_Base_Prospectus_PDF_Final.pdf</a></p>	January 2006 Certificate Conditions	110-154
	January 2006 Form of Final Terms	35-54
<b>June 2006 Base Prospectus</b>		
<p>Base prospectus of BNPP and BNPP B.V. dated 21 June 2006 as approved by the CSSF (the "<b>June 2006 Base Prospectus</b>")</p> <p><a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/3_Base_Prospectus_21062006.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/3_Base_Prospectus_21062006.pdf</a></p>	June 2006 Certificate Conditions	143-214
	June 2006 Form of Final Terms	118-142
<p>Supplement dated 21 December 2006 to the June 2006 Base Prospectus</p> <p><a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/4_Supplement_21122006.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/4_Supplement_21122006.pdf</a></p>	December 2006 Certificate Conditions	2
<p>Supplement dated 1 March 2007 to the June 2006 Base Prospectus</p> <p><a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/5_Supplement_01032007.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/5_Supplement_01032007.pdf</a></p>	March 2007 Certificate Conditions	13-21
	March 2007 Form of Final Terms	47-69
<b>2007 Base Prospectus</b>		
<p>Base prospectus of BNPP and BNPP B.V. dated 30 May 2007 as approved by the CSSF (the "<b>2007 Base Prospectus</b>")</p> <p><a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/6_070530_WC_BNPPAIBV_BASE_PROSPECTUS.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/6_070530_WC_BNPPAIBV_BASE_PROSPECTUS.pdf</a></p>	May 2007 Certificate Conditions	171-260
	May 2007 Form of Final Terms	145-170
<p>Supplement dated 11 July 2007 to the 2007 Base Prospectus</p> <p><a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource</a></p>	July 2007 Form of Final Terms	46-73

## DOCUMENTS INCORPORATED BY REFERENCE

<a href="#">.aspx?path=%2F/Legal%20Docs/index_files/7_070711_WC_BNPPAIBV_1st_Supplement.pdf</a>		
Supplement dated 3 October 2007 to the 2007 Base Prospectus  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/8_071003_WC_BNPPAIBV_2nd_Supplement.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/8_071003_WC_BNPPAIBV_2nd_Supplement.pdf</a>	October 2007 Form of Final Terms	30-66
Supplement dated 8 January 2008 to the 2007 Base Prospectus  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/9_WC_BNPPBV_Suppl_08_January_08_to_BP_30_May_07.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/9_WC_BNPPBV_Suppl_08_January_08_to_BP_30_May_07.pdf</a>	January 2008 Form of Final Terms	235-264
<b>2008 Base Prospectus</b>		
Base prospectus of BNPP and BNPP B.V. dated 30 May 2008 as approved by the Authority for the Financial Markets (the "AFM") (the " <b>2008 Base Prospectus</b> ")  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/10_ICM_6614_614_v1_BNP_WC_prospectus_-_final.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/10_ICM_6614_614_v1_BNP_WC_prospectus_-_final.pdf</a>	May 2008 Certificate Conditions	226-388
	May 2008 Form of Final Terms	182-225
Supplement dated 14 August 2008 to the 2008 Base Prospectus  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/11_Supplement_to_NL_WC_Prog.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/11_Supplement to NL WC Prog.pdf</a>	August 2008 Certificate Conditions	207-369
	August 2008 Form of Final Terms	159-206
<b>2009 Base Prospectus</b>		
Base prospectus of BNPP and BNPP B.V. dated 4 June 2009 as approved by the AFM (the " <b>2009 Base Prospectus</b> ")  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Resource_047.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Resource_047.pdf</a>	2009 Certificate Conditions	284-484
	2009 Form of Final Terms	227-283
<b>2010 Base Prospectus</b>		
Base prospectus dated 3 June 2010 of BNPP and BNPP B.V. as approved by the AFM (the " <b>2010 Base Prospectus</b> ")  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Resource_025.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Resource_025.pdf</a>	June 2010 Securities Conditions	130-425
	June 2010 Form of Final Terms	57-129
Supplement dated 24 March 2011 to the 2010 Base Prospectus	March 2011 Securities Conditions	20-54

## DOCUMENTS INCORPORATED BY REFERENCE

<a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Resource_034.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Resource_034.pdf</a>	March 2011 Form of Final Terms	17-19
<b>2011 Base Prospectus</b>		
Base prospectus of BNPP and BNPP B.V. dated 7 June 2011 as approved by the AFM (the " <b>2011 Base Prospectus</b> ")  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Resource_013.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Resource_013.pdf</a>	June 2011 Securities Conditions	138-461
	June 2011 Form of Final Terms	72-137
Supplement dated 14 September 2011 to the 2011 Base Prospectus  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Resource_010.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Resource_010.pdf</a>	September 2011 Securities Conditions	2-3
Supplement dated 4 April 2012 to the 2011 Base Prospectus  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Resource_021.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Resource_021.pdf</a>	April 2012 Securities Conditions	4-6
	April 2012 Form of Final Terms	4
<b>2012 Base Prospectus</b>		
Base prospectus of BNPP and BNPP B.V. dated 1 June 2012 as approved by the AFM (the " <b>2012 Base Prospectus</b> ")  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/2012_base1.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/2012_base1.pdf</a>	2012 Securities Conditions	152-492
	2012 Form of Final Terms	84-151
<b>2013 Base Prospectus</b>		
Base prospectus of BNPP B.V., BNPP, BNP Paribas Fortis SA/NV (" <b>BNPPF</b> "), BP2F and BGL BNP Paribas (" <b>BGL</b> ") dated 3 June 2013 as approved by the AMF with visa number 13-259 (the " <b>2013 Base Prospectus</b> ")  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/BNPP_NWC_Base_Prospectus_3Jun2013_1.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/BNPP_NWC_Base_Prospectus_3Jun2013_1.pdf</a>	June 2013 W&C Securities Conditions	347-831
	June 2013 Form of Final Terms	208-273
Supplement dated 24 July 2013 to the 2013 Base Prospectus as approved by the AMF with visa number 13-416  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/First_Supplement_Warrants.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/First_Supplement_Warrants.pdf</a>	July 2013 W&C Securities Conditions	4-6

## DOCUMENTS INCORPORATED BY REFERENCE

Supplement dated 12 September 2013 to the 2013 Base Prospectus as approved by the AMF with visa number 13-490  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_1791289_9_v14_Third_Supplement_Note_Warrant_and_Certificate_Progr_1st.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_1791289_9_v14_Third_Supplement_Note_Warrant_and_Certificate_Progr_1st.pdf</a>	September 2013 W&C Securities Conditions	12
Supplement dated 12 November 2013 to the 2013 Base Prospectus as approved by the AMF with visa number 13-602  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_1905931_7_v1_Corrected_Supplement_No_5_NWC_Dated_12_November_2013.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_1905931_7_v1_Corrected_Supplement_No_5_NWC_Dated_12_November_2013.pdf</a>	November 2013 W&C Securities Conditions	12-129
	November 2013 Form of Final Terms	9-10
Supplement dated 20 December 2013 to the 2013 Base Prospectus as approved by the AMF with visa number 13-687  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_1865978_v1_Supplement_No8_BNPP_NWC_dated_20_December_2013_FINAL_with_visa.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_1865978_v1_Supplement_No8_BNPP_NWC_dated_20_December_2013_FINAL_with_visa.pdf</a>	December 2013 W&C Securities Conditions	9-17
	December 2013 Form of Final Terms	8
Supplement dated 10 January 2014 to the 2013 Base Prospectus as approved by the AMF with visa number 14-008  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_1877109_3_v1Supplement_No9_BNPP_NWC_dated_10_January_2014_FINAL.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_1877109_3_v1Supplement_No9_BNPP_NWC_dated_10_January_2014_FINAL.pdf</a>	January 2014 W&C Securities Conditions	9-15
	January 2014 Form of Final Terms	8
Supplement dated 11 April 2014 to the 2013 Base Prospectus as approved by the AMF with visa number 14-145  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/BNPP_NWC_Twelfth_Supplement_11_April_2014_FINAL_with_visa.PDF">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/BNPP_NWC_Twelfth_Supplement_11_April_2014_FINAL_with_visa.PDF</a>	April 2014 W&C Securities Conditions	29-62
	April 2014 Form of Final Terms	68-72
<b>2014 Base Prospectus</b>		
Base prospectus dated 5 June 2014 of BNPP B.V., BNPP, BP2F, BNPPF and BGL as approved by the AMF with visa number 14-276 (the "2014 Base Prospectus")  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/BNPP_NWC_Base_Prospectus_withvisa05JUN2014_new.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/BNPP_NWC_Base_Prospectus_withvisa05JUN2014_new.pdf</a>	June 2014 W&C Securities Conditions	412-908
	June 2014 Form of Final Terms	260-338
Supplement dated 7 August 2014 to the 2014 Base Prospectus as approved by the AMF with visa number 14-457	August 2014 W&C Securities Conditions	24

## DOCUMENTS INCORPORATED BY REFERENCE

<a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM20118478_v1Second_NWC_Supplement_dated_7_August_2014.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM20118478_v1Second_NWC_Supplement_dated_7_August_2014.pdf</a>	August 2014 Form of Final Terms	23
Supplement dated 5 September 2014 to the 2014 Base Prospectus as approved by the AMF with visa number 14-485  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_2026888_9_v1_Third_NWC_Supplement_dated_5_September_2014_Final_vers.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_2026888_9_v1_Third_NWC_Supplement_dated_5_September_2014_Final_vers.pdf</a>	5 September 2014 W&C Securities Conditions	15
Supplement dated 22 September 2014 to the 2014 Base Prospectus as approved by the AMF with visa number 14-510  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/BNPP%20NW_C%20Fourth%20Supplement%2022%20Sep%202014%20Final%20with%20visa.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/BNPP%20NW_C%20Fourth%20Supplement%2022%20Sep%202014%20Final%20with%20visa.pdf</a>	22 September 2014 W&C Securities Conditions	12-157
	22 September 2014 Form of Final Terms	10-11
Supplement dated 10 October 2014 to the 2014 Base Prospectus as approved by the AMF with visa number 14-543  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/BNPP_Fifth_NWC_Supplementwithvisadated%2010OCT2014.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/BNPP_Fifth_NWC_Supplementwithvisadated%2010OCT2014.pdf</a>	October 2014 W&C Securities Conditions	101
Supplement dated 10 February 2015 to the 2014 Base Prospectus as approved by the AMF with visa number 15-049  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM21275391_UPDATED_8th_NWC_Supplement_including_visa.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM21275391_UPDATED_8th_NWC_Supplement_including_visa.pdf</a>	February 2015 W&C Securities Conditions	22-25
	February 2015 Form of Final Terms	15-18
Supplement dated 30 March 2015 to the 2014 Base Prospectus as approved by the AMF with visa number 15-125  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Ninth_NWC_Supplement_including_visa.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Ninth_NWC_Supplement_including_visa.pdf</a>	March 2015 W&C Securities Conditions	30
<b>2015 Base Prospectus</b>		
Base prospectus of BNPP B.V., BNPP, BP2F, BNPPF and BGL dated 9 June 2015 as approved by the AMF with visa number 15-262 (the "2015 Base Prospectus")  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_2203581_7_v4_BNPP_NWC_Base_Prospectus_dated_9_June_2015_Document1.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_2203581_7_v4_BNPP_NWC_Base_Prospectus_dated_9_June_2015_Document1.pdf</a>	June 2015 W&C Securities Conditions	455-1054
	June 2015 Form of Final Terms	282-367

## DOCUMENTS INCORPORATED BY REFERENCE

Supplement dated 6 August 2015 to the 2015 Base Prospectus as approved by the AMF with visa number 15-443  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM22494668_v1FINALFirstNWCSupplementincludingvisaDocument1.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM22494668_v1FINALFirstNWCSupplementincludingvisaDocument1.pdf</a>	August 2015 W&C Securities Conditions	12-14
Supplement dated 10 September 2015 to the 2015 Base Prospectus as approved by the AMF with visa number 15-478  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Second%20NWC%20Supplement%2010.09.15.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Second%20NWC%20Supplement%2010.09.15.pdf</a>	September 2015 W&C Securities Conditions	24-32
	September 2015 Form of Final Terms	22-23
Supplement dated 8 October 2015 to the 2015 Base Prospectus as approved by the AMF with visa number 15-520  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Third%20NWC%20Supplement%2026.11.15.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Third%20NWC%20Supplement%2026.11.15.pdf</a>	October 2015 Form of Final Terms	10
Supplement dated 10 November 2015 to the 2015 Base Prospectus as approved by the AMF with visa number 15-568  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_2309624_9_v1_Fourth_NWC_Supplement_including_visa_Document_1.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_2309624_9_v1_Fourth_NWC_Supplement_including_visa_Document_1.pdf</a>	November 2015 W&C Securities Conditions	18-19
	November 2015 Form of Final Terms	15
Supplement dated 29 February 2016 to the 2015 Base Prospectus as approved by the AMF with visa number 16-065  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM23740108_v1FINALSixthNWCSupplementdated29February201.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM23740108_v1FINALSixthNWCSupplementdated29February201.pdf</a>	February 2016 W&C Securities Conditions	193-196
<b>2016 Base Prospectus</b>		
Base prospectus of BNPP and BNPP B.V. dated 9 June 2016 as approved by the AMF with visa number 16-238 (the " <b>2016 Base Prospectus</b> ")  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/CertificateBP09JUN2016_ICM_24489253_v2_FINAL_Certificate_BP_16_238.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/CertificateBP09JUN2016_ICM_24489253_v2_FINAL_Certificate_BP_16_238.pdf</a>	June 2016 Securities Conditions	464-996
	June 2016 Form of Final Terms	372-463
Supplement dated 4 August 2016 to the 2016 Base Prospectus as approved by the AMF with visa number 16-385  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM24882514_v1_FINAL_CBP_First_Supplement.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM24882514_v1_FINAL_CBP_First_Supplement.pdf</a>	August 2016 Securities Conditions	15; 17-18
	August 2016 Form of Final Terms	16



## DOCUMENTS INCORPORATED BY REFERENCE

Supplement dated 9 November 2016 to the 2016 Base Prospectus as approved by the AMF with visa number 16-525  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM25622275v1FINALCBPThirdSupplement.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM25622275v1FINALCBPThirdSupplement.pdf</a>	November 2016 Securities Conditions	16-18
Supplement dated 28 February 2017 to the 2016 Base Prospectus as approved by the AMF with visa number 17-077  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM26502676v2FINALFourthCBPSupplement.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM26502676v2FINALFourthCBPSupplement.pdf</a>	February 2017 Securities Conditions	185-186
	February 2017 Form of Final Terms	184
<b>2017 Base Prospectus</b>		
Base prospectus of BNPP and BNPP B.V. dated 7 June 2017 as approved by the AMF with visa number 17-264 (the " <b>2017 Base Prospectus</b> ")  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM27398124v3FINALCertificate_BP_2017dated_07_06_17.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM27398124v3FINALCertificate_BP_2017dated_07_06_17.pdf</a>	June 2017 Securities Conditions	501-1130
	June 2017 Form of Final Terms	396-500
Supplement dated 4 August 2017 to the 2017 Base Prospectus as approved by the AMF with visa number 17-430  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM27967353v1FINAL_CBP_First_Supplement.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM27967353v1FINAL_CBP_First_Supplement.pdf</a>	August 2017 Securities Conditions	19
	August 2017 Form of Final Terms	18
Supplement dated 15 November 2017 to the 2017 Base Prospectus as approved by the AMF with visa number 17-595  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM28690324v2FINALThird2017CBPSupplement.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM28690324v2FINALThird2017CBPSupplement.pdf</a>	November 2017 Securities Conditions	21-23
Supplement dated 12 December 2017 to the 2017 Base Prospectus as approved by the AMF with visa number 17-637  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Fourth_2017_BNP_Certificate_BP_Supplement.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/Fourth_2017_BNP_Certificate_BP_Supplement.pdf</a>	December 2017 Securities Conditions	8
	December 2017 Form of Final Terms	7
Supplement dated 15 February 2018 to the 2017 Base Prospectus as approved by the AMF with visa number 18-045  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/BNPPCertificatesBP2017_Fifth%20Supplement.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/BNPPCertificatesBP2017_Fifth%20Supplement.pdf</a>	February 2018 Form of Final Terms	171
<b>2018 Base Prospectus</b>		

## DOCUMENTS INCORPORATED BY REFERENCE

<p>Base prospectus of BNPP and BNPP B.V. dated 5 June 2018 as approved by the AMF with visa number 18-228 (the "<b>2018 Base Prospectus</b>")</p> <p><a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM30229481_v2FINALCertificateBP2018.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM30229481_v2FINALCertificateBP2018.pdf</a></p>	June 2018 Securities Conditions	539-1218
	June 2018 Form of Final Terms	423-538
<p>Supplement dated 9 August 2018 to the 2018 Base Prospectus as approved by the AMF with visa number 18-381</p> <p><a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/1st%20Supplement%20Certificate%20BP%209%20August%202018.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/1st%20Supplement%20Certificate%20BP%209%20August%202018.pdf</a></p>	August 2018 Securities Conditions	21-23
<p>Supplement dated 25 September 2018 to the 2018 Base Prospectus as approved by the AMF with visa number 18-452</p> <p><a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/2nd_Supplement_Certificate_BP_25_September_2018.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/2nd_Supplement_Certificate_BP_25_September_2018.pdf</a></p>	September 2018 Securities Conditions	13-14
	September 2018 Form of Final Terms	13
<p>Supplement dated 22 November 2018 to the 2018 Base Prospectus as approved by the AMF with visa number 18-532</p> <p><a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/3rd_Supplement_Certificate_BP_22_November_2018.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/3rd_Supplement_Certificate_BP_22_November_2018.pdf</a></p>	November 2018 Securities Conditions	16
<b>2019 Base Prospectus</b>		
<p>Base prospectus of BNPP and BNPP B.V. dated 3 June 2019 as approved by the AMF with visa number 19-241 (the "<b>2019 Base Prospectus</b>")</p> <p><a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_3283026_9_v2_FINAL_Certificate_BP_2019.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_3283026_9_v2_FINAL_Certificate_BP_2019.pdf</a></p>	June 2019 Securities Conditions	546-1259
	June 2019 Form of Final Terms	425-545
<p>Supplement dated 8 August 2019 to the 2019 Base Prospectus as approved by the AMF with visa number 19-397</p> <p><a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_3339302_1_v2_FINAL_2019_CBP_First_Supplement.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_3339302_1_v2_FINAL_2019_CBP_First_Supplement.pdf</a></p>	August 2019 Securities Conditions	22-23
<p>Supplement dated 29 November 2019 to the 2019 Base Prospectus as approved by the AMF with visa number 19-553</p> <p><a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_3421555_3_v1_FINAL_Third_2019_CBP_Supplement.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/ICM_3421555_3_v1_FINAL_Third_2019_CBP_Supplement.pdf</a></p>	November 2019 Securities Conditions	56-58
	November 2019 Form of Final Terms	55

## DOCUMENTS INCORPORATED BY REFERENCE

2020 Base Prospectus		
Base prospectus of BNPP and BNPP B.V. dated 2 June 2020 as approved by the AMF with visa number 20-233 (the "2020 Base Prospectus")  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/3_FINAL_2020_Certificate_BP.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/3_FINAL_2020_Certificate_BP.pdf</a>	June 2020 Securities Conditions	318-1072
	June 2020 Form of Final Terms	192-317
Supplement dated 18 December 2020 to the 2020 Base Prospectus as approved by the AMF with visa number 20-613  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/UKO2_2001771987_v1_FINAL_2020_CBP_Fourth_Supplement.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/UKO2_2001771987_v1_FINAL_2020_CBP_Fourth_Supplement.pdf</a>	December 2020 Securities Conditions	14-17
	December 2020 Form of Final Terms	13
Supplement dated 30 March 2021 to the 2020 Base Prospectus as approved by the AMF with visa number 21-089  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/UKO2_2002287159_v1_FINAL_2020_CBP_Fifth_Supplement.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/UKO2_2002287159_v1_FINAL_2020_CBP_Fifth_Supplement.pdf</a>	March 2021 Securities Conditions	203-204
	March 2021 Form of Final Terms	197-202
2021 Base Prospectus		
Base prospectus of BNPP and BNPP B.V. dated 1 June 2021 as approved by the AMF with visa number 21-196 (the "2021 Base Prospectus")  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/3_FINAL_2021_Certificate_BP.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/3_FINAL_2021_Certificate_BP.pdf</a>	June 2021 Securities Conditions	345-1140
	June 2021 Form of Final Terms	215-344
Supplement dated 30 September 2021 to the 2021 Base Prospectus as approved by the AMF with visa number 21-425  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/UKO2_2003398921_v2_FINAL_2021_CBP_Second_Supplement.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/UKO2_2003398921_v2_FINAL_2021_CBP_Second_Supplement.pdf</a>	September 2021 Securities Conditions	8
Supplement dated 25 November 2021 to the 2021 Base Prospectus as approved by the AMF with visa number 21-505  <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/CBP_Third_Supplement_26Nov.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/CBP_Third_Supplement_26Nov.pdf</a>	November 2021 Securities Conditions	12-13
Offers Extending Beyond the Validity of the Base Prospectus		
ISIN	Website	
FI4000522388	<a href="http://eqdpo.bnpparibas.com/FI4000522388">http://eqdpo.bnpparibas.com/FI4000522388</a>	
XS2348435756	<a href="http://eqdpo.bnpparibas.com/XS2348435756">http://eqdpo.bnpparibas.com/XS2348435756</a>	
XS2348436309	<a href="http://eqdpo.bnpparibas.com/XS2348436309">http://eqdpo.bnpparibas.com/XS2348436309</a>	
SE0017831886	<a href="http://eqdpo.bnpparibas.com/SE0017831886">http://eqdpo.bnpparibas.com/SE0017831886</a>	

## DOCUMENTS INCORPORATED BY REFERENCE

SE0017831894	<a href="http://eqdpo.bnpparibas.com/SE0017831894">http://eqdpo.bnpparibas.com/SE0017831894</a>
XS2372792122	<a href="http://eqdpo.bnpparibas.com/XS2372792122">http://eqdpo.bnpparibas.com/XS2372792122</a>
FI4000522370	<a href="http://eqdpo.bnpparibas.com/FI4000522370">http://eqdpo.bnpparibas.com/FI4000522370</a>
FI4000522784	<a href="http://eqdpo.bnpparibas.com/FI4000522784">http://eqdpo.bnpparibas.com/FI4000522784</a>
SE0017780646	<a href="http://eqdpo.bnpparibas.com/SE0017780646">http://eqdpo.bnpparibas.com/SE0017780646</a>
FI4000523006	<a href="http://eqdpo.bnpparibas.com/FI4000523006">http://eqdpo.bnpparibas.com/FI4000523006</a>
XS2372835970	<a href="http://eqdpo.bnpparibas.com/XS2372835970">http://eqdpo.bnpparibas.com/XS2372835970</a>
FI4000522990	<a href="http://eqdpo.bnpparibas.com/FI4000522990">http://eqdpo.bnpparibas.com/FI4000522990</a>
FI4000523030	<a href="http://eqdpo.bnpparibas.com/FI4000523030">http://eqdpo.bnpparibas.com/FI4000523030</a>
SE0017936735	<a href="http://eqdpo.bnpparibas.com/SE0017936735">http://eqdpo.bnpparibas.com/SE0017936735</a>
SE0017936727	<a href="http://eqdpo.bnpparibas.com/SE0017936727">http://eqdpo.bnpparibas.com/SE0017936727</a>
XS2379659811	<a href="http://eqdpo.bnpparibas.com/XS2379659811">http://eqdpo.bnpparibas.com/XS2379659811</a>
XS2379659654	<a href="http://eqdpo.bnpparibas.com/XS2379659654">http://eqdpo.bnpparibas.com/XS2379659654</a>
XS2379659902	<a href="http://eqdpo.bnpparibas.com/XS2379659902">http://eqdpo.bnpparibas.com/XS2379659902</a>
XS2372850425	<a href="https://investimenti.bnpparibas.it/isin/XS2372850425">https://investimenti.bnpparibas.it/isin/XS2372850425</a>
SE0017831324	<a href="http://eqdpo.bnpparibas.com/SE0017831324">http://eqdpo.bnpparibas.com/SE0017831324</a>
FI4000523071	<a href="https://eqdpo.bnpparibas.com/FI4000523071">https://eqdpo.bnpparibas.com/FI4000523071</a>
SE0018013054	<a href="http://eqdpo.bnpparibas.com/SE0018013054">http://eqdpo.bnpparibas.com/SE0018013054</a>
SE0018012783	<a href="http://eqdpo.bnpparibas.com/SE0018012783">http://eqdpo.bnpparibas.com/SE0018012783</a>
SE0018012833	<a href="http://eqdpo.bnpparibas.com/SE0018012833">http://eqdpo.bnpparibas.com/SE0018012833</a>
SE0018013088	<a href="http://eqdpo.bnpparibas.com/SE0018013088">http://eqdpo.bnpparibas.com/SE0018013088</a>
XS2367912206	<a href="http://eqdpo.bnpparibas.com/XS2367912206">http://eqdpo.bnpparibas.com/XS2367912206</a>
XS2367925018	<a href="https://investimenti.bnpparibas.it/product-details/XS2367925018/">https://investimenti.bnpparibas.it/product-details/XS2367925018/</a>
XS2379661049	<a href="https://investimenti.bnpparibas.it/product-details/XS2379661049/">https://investimenti.bnpparibas.it/product-details/XS2379661049/</a>
XS2348435756	<a href="http://eqdpo.bnpparibas.com/XS2348435756">http://eqdpo.bnpparibas.com/XS2348435756</a>
XS2348436309	<a href="http://eqdpo.bnpparibas.com/XS2348436309">http://eqdpo.bnpparibas.com/XS2348436309</a>
XS2379384964	<a href="http://eqdpo.bnpparibas.com/XS2379384964">http://eqdpo.bnpparibas.com/XS2379384964</a>
XS2367925281	<a href="http://eqdpo.bnpparibas.com/XS2367925281">http://eqdpo.bnpparibas.com/XS2367925281</a>
XS2380247655	<a href="https://investimenti.bnpparibas.it/product-details/XS2380247655/">https://investimenti.bnpparibas.it/product-details/XS2380247655/</a>
XS2372774732	<a href="http://eqdpo.bnpparibas.com/XS2372774732">http://eqdpo.bnpparibas.com/XS2372774732</a>
XS2372774815	<a href="http://eqdpo.bnpparibas.com/XS2372774815">http://eqdpo.bnpparibas.com/XS2372774815</a>
XS2380246681	<a href="https://investimenti.bnpparibas.it/product-details/XS2380246681/">https://investimenti.bnpparibas.it/product-details/XS2380246681/</a>
XS2380246764	<a href="https://investimenti.bnpparibas.it/product-details/XS2380246764/">https://investimenti.bnpparibas.it/product-details/XS2380246764/</a>
XS2380246335	<a href="https://investimenti.bnpparibas.it/product-details/XS2380246335/">https://investimenti.bnpparibas.it/product-details/XS2380246335/</a>
XS2380247069	<a href="https://investimenti.bnpparibas.it/product-details/XS2380247069/">https://investimenti.bnpparibas.it/product-details/XS2380247069/</a>
XS2380246418	<a href="https://investimenti.bnpparibas.it/product-details/XS2380246418/">https://investimenti.bnpparibas.it/product-details/XS2380246418/</a>
XS2380247499	<a href="https://investimenti.bnpparibas.it/product-details/XS2380247499/">https://investimenti.bnpparibas.it/product-details/XS2380247499/</a>
XS2380254941	<a href="https://investimenti.bnpparibas.it/product-details/XS2380254941/">https://investimenti.bnpparibas.it/product-details/XS2380254941/</a>
XS2380253893	<a href="https://investimenti.bnpparibas.it/product-details/XS2380253893/">https://investimenti.bnpparibas.it/product-details/XS2380253893/</a>
XS2380253976	<a href="https://investimenti.bnpparibas.it/product-details/XS2380253976/">https://investimenti.bnpparibas.it/product-details/XS2380253976/</a>
XS2380255161	<a href="https://investimenti.bnpparibas.it/product-details/XS2380255161/">https://investimenti.bnpparibas.it/product-details/XS2380255161/</a>
XS2380264825	<a href="https://investimenti.bnpparibas.it/product-details/XS2380264825/">https://investimenti.bnpparibas.it/product-details/XS2380264825/</a>

## DOCUMENTS INCORPORATED BY REFERENCE

XS2380264239	<a href="https://investimenti.bnpparibas.it/product-details/XS2380264239/">https://investimenti.bnpparibas.it/product-details/XS2380264239/</a>
XS2380263777	<a href="https://investimenti.bnpparibas.it/product-details/XS2380263777/">https://investimenti.bnpparibas.it/product-details/XS2380263777/</a>
SE0018012957	<a href="http://eqdpo.bnpparibas.com/SE0018012957">http://eqdpo.bnpparibas.com/SE0018012957</a>
XS2380308978	<a href="https://investimenti.bnpparibas.it/product-details/XS2380308978/">https://investimenti.bnpparibas.it/product-details/XS2380308978/</a>

BNP PARIBAS		
Information incorporated by reference <i>Headings as listed by Annex 1 of the Commission Delegated Regulation (EU) 2019/980</i>	Page Reference	
	BNPP 2021 Universal Registration Document (in English) - <a href="https://invest.bnpparibas/en/groupe-de-document/universal-registration-document-and-annual-financial-report-2021">https://invest.bnpparibas/en/groupe-de-document/universal-registration-document-and-annual-financial-report-2021</a>	First Amendment to the BNPP 2021 Universal Registration Document (in English) – <a href="https://invest.bnpparibas/en/document/1st-amendment-to-the-2021-universal-registration-document">https://invest.bnpparibas/en/document/1st-amendment-to-the-2021-universal-registration-document</a>
<b>2. Statutory auditors</b>	686	136
<b>3. Risk factors</b>	309-323	92-108
<b>4. Information about the Issuer</b>	4-6; 695-698	N/A
<b>5. Business overview</b>		
5.1. Principal activities	7-18; 218-221; 670-676	N/A
5.2. Principal markets	7-18; 218-221; 670-676	N/A
5.3. History and development of the Issuer	6	N/A
5.4. Strategy and objectives	157-160; 582-583; 630-640; 650-651	N/A
5.5. Possible dependency	668	N/A
5.6. Basis for any statements made by the Issuer regarding its competitive position	7-18; 132-148	N/A
5.7. Investments	267; 570; 628-629; 669	N/A
<b>6. Organisational structure</b>		N/A
6.1. Brief description	4; 650-651	N/A
6.2. List of significant subsidiaries	281-289; 562-569; 670-675	N/A
<b>7. Operating and financial review</b>		

## DOCUMENTS INCORPORATED BY REFERENCE

7.1. Financial situation	160; 180; 182; 532-533	3-74; 77-78
7.2. Operating results	132-148; 155-156; 163-169; 180; 219; 532	63-74
<b>8. Capital resources</b>		
8.1. Issuer's capital resources	184-185; 557	57; 78; 80-91
8.2. Sources and amounts of cash flows	183	N/A
8.3. Borrowing requirements and funding structure	160; 482-498	18
<b>9. Regulatory environment</b>	299; 306-308	N/A
<b>10. Trend information</b>		
10.1. Main recent trends	157-160; 669	110
10.2. Trends likely to have a material impact on the Issuer's outlook	157-160; 669	110
<b>11. Profit forecasts or estimates</b>	N/A	N/A
<b>12. Administrative, management, and supervisory bodies, and senior management</b>		
12.1. Administrative and management bodies	35-50; 114	N/A
12.2. Administrative and management bodies' conflicts of interest	55-56; 70-71; 81-110	N/A
<b>13. Remuneration and benefits</b>		
13.1. Amount of remuneration paid and benefits in kind granted	81-110; 257-264; 277	112-132
13.2. Total amount set aside or accrued by the Issuer or its subsidiaries to provide pension, retirement or similar benefits	81-110; 257-264; 277	112-132
<b>14. Board practices</b>		

## DOCUMENTS INCORPORATED BY REFERENCE

14.1. Date of expiry of the current terms of office	35-48	N/A
14.2. Information about members of the administrative bodies' service contracts with the Issuer	N/A	N/A
14.3. Information about the audit committee and remuneration committee	58-66	N/A
14.4. Corporate governance regime in force in the issuer's country of incorporation	51-58	N/A
14.5. Potential material impacts on the corporate governance	35-48	N/A
<b>15. Employees</b>		
15.1. Number of employees	4; 614-615; 650; 695	N/A
15.2. Shareholdings and stock options	81-110; 204-205; 612-613	N/A
15.3. Information about members of the administrative bodies' service contracts with the Issuer	N/A	N/A
<b>16. Major shareholders</b>		
16.1. Shareholders owning more than 5% of the Issuer's capital or voting rights	19; 20	N/A
16.2. Existence of different voting rights	19	N/A
16.3. Control of the Issuer	19; 20	N/A
16.4. Description of any arrangements, known to the Issuer, the operation of which may at a subsequent date result in a change of control of the Issuer	20	N/A
<b>17. Related party transactions</b>	81-110; 278-279; 682-683	N/A

## DOCUMENTS INCORPORATED BY REFERENCE

<b>18. Financial information concerning the Issuer's assets and liabilities, financial position, and profits and losses</b>		
18.1. Historical financial information	5; 23; 132-290; 532-570	63-74; 77; 78
18.2. Interim and other financial information	N/A	63-74; 77; 78
18.3. Auditing of historical annual financial information	291-296; 571-576	N/A
18.4. Pro forma financial information	N/A	N/A
18.5. Dividend policy	23; 26-27; 133; 158; 160; 560	N/A
18.6. Legal and arbitration proceedings	266-267	110; 111
18.7. Significant change in the Issuer's financial or trading position	669	110
<b>19. Additional information</b>		
19.1. Share capital	19; 264-266; 551-553; 677; 702	N/A
19.2. Memorandum and articles of association	677-682	N/A
<b>20. Material contracts</b>	668	N/A
<b>21. Documents on display</b>	668	110
<b>Information Incorporated by Reference</b>		<b>Page Reference</b>
<b>2020 FINANCIAL STATEMENTS</b> <b>BNPP 2020 Universal Registration Document (in English)</b> <a href="https://invest.bnpparibas/en/document/universal-registration-document-and-annual-financial-report-2020">https://invest.bnpparibas/en/document/universal-registration-document-and-annual-financial-report-2020</a>		
Profit and loss account for the year ended 31 December 2020	164	
Statement of net income and changes in assets and liabilities recognised directly in equity	165	
Balance sheet at 31 December 2020	166	
Cash flow statement for the year ended 31 December 2020	167	



## DOCUMENTS INCORPORATED BY REFERENCE

Statement of changes in shareholders' equity between 1 January 2019 and 31 December 2020	168; 169
Notes to the financial statements prepared in accordance with International Financial Reporting Standards as adopted by the European Union	170-271
Statutory Auditors' report on the Consolidated Financial Statements of BNP Paribas for the year ended 31 December 2020	272-277
<b>2021 FINANCIAL STATEMENTS</b> <b>BNPP 2021 Universal Registration Document (in English)</b> <a href="https://invest.bnpparibas/en/groupe-de-document/universal-registration-document-and-annual-financial-report-2021">https://invest.bnpparibas/en/groupe-de-document/universal-registration-document-and-annual-financial-report-2021</a>	
Profit and loss account for the year ended 31 December 2021	180
Statement of net income and changes in assets and liabilities recognised directly in equity	181
Balance sheet at 31 December 2021	182
Cash flow statement for the year ended 31 December 2021	183
Statement of changes in shareholders' equity between 1 January 2021 and 31 December 2021	184; 185
Notes to the financial statements prepared in accordance with International Financial Reporting Standards as adopted by the European Union	186-290
Statutory Auditors' report on the Consolidated Financial Statements of BNP Paribas for the year ended 31 December 2021	291-296

<b>BNP PARIBAS ISSUANCE B.V.</b>	
Information Incorporated by Reference	Page Reference
<b>2020 BNPP B.V. Annual Report</b> <a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal/Docs/index_files/20210416_BNP_Paribas_Issuance_BV_initialled_annual_Report_2020.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal/Docs/index_files/20210416_BNP_Paribas_Issuance_BV_initialled_annual_Report_2020.pdf</a>	
Management Board Report	3-4
Balance Sheet at 31 December 2020	5
Profit and loss account for the year ended 31 December 2020	6
Cash flow Statement for the year ended 31 December 2020	7

## DOCUMENTS INCORPORATED BY REFERENCE

Notes to the financial statements	8-13
Statutory arrangements concerning the appropriation of profits	14
Independent Auditor's Report for the year ended 31 December 2020	15-20
<p style="text-align: center;"><b>2021 BNPP B.V. Annual Report</b></p> <p style="text-align: center;"><a href="https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/2021_BNPP_Issuance_BV_initialled_final_Annual_Report_2021.pdf">https://rates-globalmarkets.bnpparibas.com/gm/Public/AlfrescoResource.aspx?path=%2F/Legal%20Docs/index_files/2021_BNPP_Issuance_BV_initialled_final_Annual_Report_2021.pdf</a></p>	
Management Board Report	3-4
Balance sheet at 31 December 2021	5
Profit and loss account for the year ended 31 December 2021	6
Cash flow statement for the year ended 31 December 2021	7
Notes to the financial statements	8-13
Statutory arrangements concerning the appropriation of profits	15
Independent Auditor's Report for the year ended 31 December 2021	16-22

Information contained in the documents incorporated by reference other than information listed in the tables above is for information purposes only.

Each Issuer will provide, free of charge, to each person to whom a copy of this Base Prospectus has been delivered, upon the oral or written request of such person, a copy of any or all of the documents which are incorporated herein by reference in (a) or (b) above. Each of the documents incorporated by reference in (c) to (f) above will only be made available by the relevant Issuer or the Guarantor (if applicable) to which such document relates. Written or oral requests for such documents should be directed to the relevant Issuer at its principal office set out at the end of this Base Prospectus.

## SECURITY AND COLLATERAL IN RESPECT OF SECURED SECURITIES

### SECURITY AND COLLATERAL IN RESPECT OF SECURED SECURITIES

The following shall apply to Secured Securities only to which either Part A or B of Annex 13 (*Additional Terms and Conditions for Secured Securities*) applies. The following does not apply to Secured Securities to which either Part C or Part D of Annex 13 (*Additional Terms and Conditions for Secured Securities*) applies.

#### General

Only BNPP B.V. may issue Secured Securities. In order to secure its obligations in respect of the Secured Securities, BNPP B.V. will enter into one or more pledge agreements and/or other security arrangements with, among others, BNP Paribas Trust Corporation UK Limited which will, unless otherwise specified in the applicable Final Terms, be governed by Luxembourg law (each a "**Security Agreement**"). Under the Security Agreement, BNPP B.V. will grant first ranking security over securities accounts or cash accounts (each a "**Collateral Account**") held by BNPP B.V. with BNP Paribas Securities Services, Luxembourg Branch (which, from and including the date on which the intragroup merger with BNPP takes effect (being 1 October 2022 or such other date notified to Holders in accordance with the Conditions), will be substituted with BNP Paribas, Succursale de Luxembourg) or such other custodian or account bank as is specified for the relevant Collateral Pool in the applicable Final Terms (each a "**Collateral Custodian**") in favour of BNP Paribas Trust Corporation UK Limited (the "**Collateral Agent**") on behalf of itself and the relevant Holders. In each Collateral Account, BNPP B.V. will hold sufficient securities or cash which, upon delivery to the relevant Collateral Account, are Eligible Collateral (the "**Collateral Assets**") to secure the marked to market value of the relevant Secured Securities ("**MTM Collateralisation**") or a specified proportion of the marked to market value of the relevant Secured Securities ("**Partial MTM Collateralisation**") or alternatively to secure the nominal value of such Secured Securities ("**Nominal Value Collateralisation**") or to secure part of the nominal value of such Secured Securities ("**Partial Nominal Value Collateralisation**"). Whether or not MTM Collateralisation, Partial MTM Collateralisation, Nominal Value Collateralisation or Partial Nominal Value Collateralisation is applicable to a series of Secured Securities will be specified in the applicable Final Terms. Multiple series of Secured Securities may be secured by the Collateral Assets held in a single Collateral Account (each a "**Collateral Pool**") if so specified in the relevant Final Terms.

#### Adjustments to Collateral Pool where the Collateral Assets are securities

Unless specified otherwise in the applicable Final Terms, where the Collateral Assets are securities, on such periodic basis as is specified in the applicable Final Terms (each a "**Collateral Valuation Date**"), the marked to market value of the Collateral Assets in a Collateral Pool (the "**Collateral Value**") will be determined by BNP Paribas Arbitrage S.N.C (or such other party specified in the applicable Final Terms) (the "**Collateral Calculation Agent**") provided that where a triparty collateral agent is appointed (the "**Triparty Agent**") in respect of the relevant Collateral Pool, the Collateral Calculation Agent will delegate its obligation to calculate the marked-to-market value of the Collateral Assets in the Collateral Pool to the Triparty Agent and provided further that, notwithstanding such delegation, the Collateral Calculation Agent may from time to time, provide such Triparty Agent with the marked to market value of any Collateral Assets or correct a marked to market value previously determined by the Triparty Agent. The Collateral Calculation Agent will also determine on each Collateral Valuation Date (a) the sum of, in respect of each series of Secured Securities secured by the relevant Collateral Pool, the marked to market value of such Secured Securities (where MTM Collateralisation is applicable to a series of Secured Securities) or part of the marked to market value of such Secured Securities (where Partial MTM Collateralisation is applicable to a series of Secured Securities) and (b) where Nominal Value Collateralisation or Partial Nominal Value Collateralisation is applicable to a series of Secured Securities, the aggregate nominal value or part of the aggregate nominal value of the relevant Secured Securities (such sum, the "**Securities Value**"). When determining the Collateral Value in respect of Collateral Assets in a Collateral Pool, the Collateral Calculation Agent or the Triparty Agent, as the case may be, may, if so specified in the applicable Final Terms, apply a "haircut" (being a percentage by which the market value of a Collateral Asset is discounted) which is designed to mitigate the depreciation in value of the relevant Collateral Asset in the period between the last valuation of the Collateral Asset and the realisation of such Collateral Asset. When determining the Securities Value on the basis of the marked to

## SECURITY AND COLLATERAL IN RESPECT OF SECURED SECURITIES

market value of the Secured Securities (or part of such marked to market value), the Collateral Calculation Agent shall take no account of the financial condition of (a) BNPP B.V. which shall be presumed to be able to perform fully its obligations in respect of the Secured Securities or, (b) the Guarantor which shall be presumed to be able to perform fully its obligations in respect of the Guarantee. Unless the applicable Final Terms specify that there will be no adjustments to the amount of Collateral Assets or that there are no Collateral Valuation Dates, in the event that on a Collateral Valuation Date there is a difference between the Collateral Value and the applicable Securities Value, BNPP B.V. will procure that further assets are delivered to the Collateral Account (or substitute existing Collateral Assets with Collateral Assets with a greater value) if the value of the Collateral Assets is less than the Securities Value prior to such adjustment or will be entitled to remove Collateral Assets from the Collateral Account if the Collateral Value is in excess of the Securities Value prior to such adjustment. Following such adjustment to the Collateral Assets in respect of any Collateral Valuation Date, the Collateral Value is expected to be equal to the Securities Value.

### **Adjustments to Collateral Pool where the Collateral Asset is a cash deposit**

Where the Collateral Asset is a cash deposit, on each Collateral Valuation Date (if any) the Collateral Calculation Agent will determine only the Securities Value. When determining the Securities Value on the basis of the marked to market value of the Secured Securities (or part of such marked to market value), the Collateral Calculation Agent shall take no account of the financial condition of (a) BNPP B.V. which shall be presumed to be able to perform fully its obligations in respect of the Secured Securities or (b) the Guarantor which shall be presumed to be able to perform fully its obligations in respect of the Guarantee. Unless the applicable Final Terms specify that there will be no adjustments to the amount of Collateral Assets or that there are no Collateral Valuation Dates, in the event that on a Collateral Valuation Date there is a difference between the amount of cash standing to the credit of the Collateral Account (the "**Deposit Amount**") and the applicable Securities Value, BNPP B.V. will procure that further cash is deposited in the Collateral Account if the Deposit Amount is below the Securities Value prior to such adjustment or will be entitled to withdraw cash from the Collateral Account if the Deposit Amount is in excess of the Securities Value prior to such adjustment. Following such adjustment in respect of Collateral Assets on any Collateral Valuation Date, the Deposit Amount is expected to be equal to the Securities Value.

### **Delivery of Collateral Assets**

In the event that BNPP B.V. is required to deliver or deposit additional Collateral Assets or alternative Collateral Assets in the Collateral Account, BNPP B.V. shall do so as soon as practicable following the relevant Collateral Valuation Date.

### **Calculations**

The Collateral Agent will not be required to calculate or check the valuation of the relevant Secured Securities or the Collateral Assets prior to the enforcement of the Security Agreements. In connection with the distribution of the realisation proceeds from the Collateral Assets, the Collateral Agent may be required to determine the Security Termination Amount due in respect of each Secured Security and the Final Security Value in respect of such Secured Security. The Collateral Agent will determine the Final Security Value of a Secured Security on the basis of information obtained from the Collateral Calculation Agent.

The Final Terms applicable to a series of Secured Securities may specify that there are no Collateral Valuation Dates and that there will be no Collateral Calculation Agent in which case the Collateral Assets in a Collateral Pool will not be subject to adjustment as described above following their initial deposit in or delivery to the relevant Collateral Account.

### **No collateralisation in respect of Secured Securities held by BNPP B.V. or any of its Affiliates**

There will be no collateralisation in respect of any Secured Securities beneficially owned by BNPP B.V. or any of its Affiliates. During the term of the relevant Secured Securities, where BNPP B.V. or any of its Affiliates is the beneficial owner of Secured Securities, it will not provide or hold any Collateral Assets in respect of such Secured Securities.

## SECURITY AND COLLATERAL IN RESPECT OF SECURED SECURITIES

Following an Enforcement Event, BNPP B.V. or the Affiliate of BNPP B.V. that holds the Secured Securities will renounce and waive all rights (including as to payment) in respect of such Secured Securities and shall submit such Secured Securities for cancellation free of payment.

### Substitutions

In the period between Collateral Valuation Dates, BNPP B.V. may withdraw Collateral Assets from any Collateral Account but only if it replaces them with alternative Collateral Assets which have at least the same marked to market value (as of the previous Collateral Valuation Date) as those being replaced (where MTM Collateralisation or Partial MTM Collateralisation is applicable or Nominal Substitution is not specified as being applicable in the applicable Final Terms) or, where Collateral Assets have been provided in an amount equal to the nominal value of the relevant Secured Securities, the same nominal amount as those being replaced (where Nominal Value Collateralisation or Partial Nominal Value Collateralisation is applicable and where Nominal Substitution is specified as being applicable in the applicable Final Terms or where there are no Collateral Valuation Dates).

### Events of Default

The terms of the Secured Securities will contain events of default including non-payment or failure to deliver the Entitlement which is not remedied within 30 days after the relevant due date, non-performance or non-observance of the Issuer's or Guarantor's obligations in respect of the Secured Securities where such default is not remedied within 45 days after notice of such default has been given to the Principal Security Agent by any Holder and the insolvency or winding up of the Issuer or Guarantor.

### Enforcement

Upon receipt of a notice from a Holder that an Event of Default has occurred (a "**Default Notification**"), BNPP B.V. may deliver a notice to the Collateral Agent and the relevant Holder stating that, in its reasonable belief, the relevant Event of Default has not occurred (such a notice, an "**Event Dispute Notice**"). If the Collateral Agent does not receive an Event Dispute Notice at or prior to the end of the Dispute Period, the Collateral Agent will deliver a notice to, among others, BNPP B.V. and the Collateral Custodian specifying that a Default Notification has been delivered, that no Event Dispute Notice has been received from BNPP B.V. within the Dispute Period with respect to such Default Notification and that, as a result, the Secured Securities are immediately due and payable (an "**Enforcement Notice**"). The Holders will receive a copy of such Enforcement Notice. Following delivery of an Enforcement Notice, the Collateral Agent will enforce the Security Agreement(s) in accordance with the terms thereof and will liquidate or realise the Collateral Assets in all the Collateral Pools, or appoint an agent to do so on its behalf, save where Physical Delivery of Collateral is specified as applicable to a series of Secured Securities, in which case the portion of the Collateral Assets held in respect of series of Secured Securities secured by the relevant Collateral Pool which are subject to Collateral Cash Settlement (if any) only will be liquidated. In accordance with the terms of the Secured Securities, the Collateral Agent will distribute the proceeds of such liquidation or realisation of a Collateral Pool to the Holders of the Secured Securities secured by such Collateral Pool where such Secured Securities are subject to Collateral Cash Settlement or, where Physical Delivery of Collateral is specified as applicable, arrange for delivery of the Collateral Assets in the relevant Collateral Pool or the portion of the Collateral Assets held in respect of series of Secured Securities which are subject to Physical Delivery of Collateral (where the Collateral Pool secures series of Secured Securities to which both Collateral Cash Settlement and Physical Delivery of Collateral applies) to the relevant Holders, in each case after payment of any costs and fees incurred in connection with the enforcement of the Security Agreement and, where applicable, after payment of any other amount which is payable in priority thereto in accordance with the applicable Priority of Payments set out in the applicable Final Terms or, as applicable, the applicable Collateral Security Conditions. The Collateral Assets in one Collateral Pool and the proceeds of enforcement from that Collateral Pool (if any) will not be available to satisfy amounts due in respect of any Secured Securities which are not secured by that Collateral Pool.

## SECURITY AND COLLATERAL IN RESPECT OF SECURED SECURITIES

### Collateral Asset Linked Securities

Where the relevant Secured Securities are Collateral Asset Linked Securities, the paragraphs entitled "Adjustments to Collateral Pool where the Collateral Assets are securities" and "Adjustments to Collateral Pool where the Collateral Asset is a cash deposit" above will not apply.

#### *Collateralisation – Collateral Asset Linked Securities*

In respect of the aggregate Notional Amount of any Secured Securities held by parties other than BNPP B.V. or any of its Affiliates (such Secured Securities, the "**Placed Secured Securities**") which are secured by the relevant Collateral Pool, Nominal Value Collateralisation will apply (the "**Nominal Value Collateralisation Element**").

In addition, BNPP B.V. will enter into an option with an affiliate of BNP Paribas to hedge its obligations to pay Scheduled Underlying Reference Linked Payments in respect of the Securities (the "**Option**"). The Issuer will hold in the Collateral Account sufficient MTM Adjustable Assets (not including, for the avoidance of doubt, the Reference Collateral Assets that are held in the Collateral Account to collateralise the aggregate Notional Amount of the Placed Secured Securities) to collateralise the marked-to-market value of the portion of the Option that relates to the Placed Secured Securities (the "**MTM Collateralisation Element**").

In respect of (i) the aggregate Notional Amount of the Secured Securities that are held by BNPP B.V. or any of its Affiliates and (ii) the portion of the Option that relate to Securities held by BNPP B.V. or any of its Affiliates, BNPP B.V. will hold no Collateral Assets. Following an Enforcement Event, BNPP B.V. or the Affiliate of BNPP B.V. that holds the Secured Securities shall renounce and waive all rights (including as to payment) in respect of such Securities and shall submit such Secured Securities for cancellation free of payment.

In respect of the Nominal Value Collateralisation Element, BNPP B.V. will transfer into the relevant Collateral Account on the date specified in the Final Terms (the "**Initial Posting Date**") and hold in such account on any day thereafter, an aggregate nominal amount of the Reference Collateral Assets, at least equal to the aggregate Notional Amount of the Placed Secured Securities which are secured by the relevant Collateral Pool on such date. Where BNPP B.V. or any of its Affiliates acquires Secured Securities after the Initial Posting Date, BNPP B.V. will be entitled to withdraw an aggregate nominal amount of Reference Collateral Assets equal to the aggregate Notional Amount of the Secured Securities so acquired, provided that BNPP B.V. shall always hold in the Collateral Account an aggregate nominal amount of the Reference Collateral Assets at least equal to, at any time, the aggregate Notional Amount of the Placed Secured Securities.

In respect of the MTM Collateralisation Element, BNPP B.V. will transfer MTM Adjustable Assets to and from the Collateral Account (based on the valuation provided by the Collateral Calculation Agent in respect of the immediately preceding Collateral Valuation Date) so that it will hold in respect of the relevant Collateral Pool (excluding, for the avoidance of doubt, any Reference Collateral Assets that are held in the Collateral Account to collateralise the aggregate Notional Amount of the Placed Secured Securities) with an aggregate marked-to-market value (as determined by the Collateral Calculation Agent) and which will take into account the relevant Haircut (if a Haircut is specified as applicable in the applicable Final Terms) at least equal to the Securities Value.

#### *Enforcement*

Following the occurrence of an Event of Default, a Holder, or the Distributor acting on instructions of a Holder, may provide a Default Notification. If the Collateral Agent does not receive an Event Dispute Notice from BNPP B.V. at or prior to the end of the Dispute Period, it shall deliver an Enforcement Notice to each of BNPP B.V., the Principal Security Agent and the Collateral Custodian whereupon the Secured Securities shall become immediately due and payable at their Security Termination Amount (which will be equal to the marked to market value of the Option), and BNPP B.V. shall be obliged to deliver the Entitlement (which will consist of a pro rata share of the Reference Collateral Assets held by BNPP B.V. in respect of the relevant series of Collateral Asset Linked Securities) in respect of the Secured Securities on

## SECURITY AND COLLATERAL IN RESPECT OF SECURED SECURITIES

the relevant Collateral Delivery Date without further action or formalities and the Security Interest granted under the Pledge Agreement shall become enforceable (as set out in the Pledge Agreement).

### *Collateral Asset Default*

BNPP B.V. shall redeem the Secured Securities as soon as reasonably practicable after the occurrence of a Collateral Asset Default by (a) delivering the Reference Collateral Assets in the relevant Collateral Pool to the Holders of the Secured Securities secured by such Reference Collateral Assets and (b) payment to the Holders of Secured Securities of an amount in the Settlement Currency equal to the *pro rata* share applicable to each relevant Placed Secured Security of the marked to market value, on the Collateral Asset Default Determination Date, of the portion of the Option which relates to the Placed Secured Securities, as determined by the Calculation Agent.

### **Acquisition of Collateral Assets**

BNPP B.V. may acquire the Collateral Assets in a number of ways including by entering into repurchase agreements or swap agreements or any other agreements with BNP Paribas Arbitrage S.N.C., BNP Paribas or any other Affiliate of the Issuer or such other entities as it deems appropriate from time to time.

### *Swap Agreement*

In connection with one or more series of Secured Securities, BNPP B.V. may enter into a swap agreement with a counterparty which may be BNP Paribas Arbitrage S.N.C., BNP Paribas or any other Affiliate of BNPP B.V. or such other entities as it deems appropriate from time to time (the "**Swap Counterparty**") evidenced by a 1992 ISDA Master Agreement and Schedule or a 2002 ISDA Master Agreement and Schedule thereto together with the confirmation entered into by BNPP B.V. and the Swap Counterparty in respect of the relevant series of Secured Securities (a "**Swap Agreement**").

The purpose of the Swap Agreement is to allow BNPP B.V. to perform its scheduled obligations under the relevant Secured Securities. The Swap Agreement may provide that BNPP B.V. will pay to the Swap Counterparty the proceeds of issue of the Secured Securities which are to be secured by the Collateral Pool. Over the term of the relevant Secured Securities, upon scheduled settlement or redemption of the Secured Securities and, upon the early redemption or cancellation of the Secured Securities other than following an Event of Default, the Swap Counterparty will make payments or delivery of assets to BNPP B.V. which correspond to those which BNPP B.V. is scheduled to make under the relevant Secured Securities. The Swap Agreement may be supplemented by a credit support document (a "**Credit Support Document**").

### *Credit Support Document*

Under the terms of the Credit Support Document, until the redemption or exercise of the relevant Secured Securities the Swap Counterparty shall deliver to BNPP B.V., the initial Collateral Assets in an amount determined by the relevant Securities Value of a series and from time to time, as applicable additional Collateral Assets on the basis of the Securities Value and Collateral Value. BNPP B.V. shall re-deliver Collateral Assets or assets equivalent thereto to the Swap Counterparty, if applicable, on the basis of the Securities Value and Collateral Value. The Credit Support Document may include provisions governing the calculation of the Securities Value and the Collateral Value in respect of the relevant Secured Securities. The Swap Counterparty may at its sole discretion substitute the Collateral Assets for other Eligible Collateral. BNPP B.V. may appoint one or more agents to perform custodial and administrative functions relating to its obligations under the Credit Support Document.

### *Repurchase Agreement*

In connection with one or more series of Secured Securities, BNPP B.V. may enter into a repurchase agreement (a "**Repurchase Agreement**") with a counterparty which may be BNP Paribas Arbitrage S.N.C., BNP Paribas or any other

## SECURITY AND COLLATERAL IN RESPECT OF SECURED SECURITIES

Affiliate of BNPP B.V. (the "**Repo Counterparty**"). The Repurchase Agreement may be substantially in the form of a 2000 TBMA/ISMA Global Master Repurchase Agreement, a "*Convention Cadre FBF aux opérations de pensions livrées*", each as amended, supplemented or otherwise modified from time to time, or any other agreement having a similar effect. Pursuant to the Repurchase Agreement, BNPP B.V. may enter into a series of repurchase transactions (each a "**Transaction**") with the Repo Counterparty in respect of Collateral Assets. Under each such Transaction, the Repo Counterparty will be the seller of Collateral Assets and BNPP B.V. will be the buyer.

Under a Repurchase Agreement entered into in respect of a series of Secured Securities, on the initial purchase date and each subsequent purchase date BNPP B.V. will purchase from the Repo Counterparty Collateral Assets with a market value equal to the outstanding aggregate nominal value of the relevant Secured Securities (or part of such nominal value if Partial Nominal Value Collateralisation is applicable). On each repurchase date under such Repurchase Agreement, the Repo Counterparty will repurchase securities equivalent to the Collateral Assets sold by it in relation to such Collateral Pool on the previous purchase date for a repurchase price at least equal to the purchase price for that Transaction.

### *Margin maintenance*

The market value of the Collateral Assets which are the subject of the current Transaction under each Repurchase Agreement will be determined on each Collateral Valuation Date. The Repurchase Agreement will provide that the Repo Counterparty will transfer further Collateral Assets and, as applicable, BNPP B.V. shall re-deliver Collateral Assets to the Repo Counterparty on the basis of the applicable Securities Value and the Collateral Value. The Repo Counterparty may at its sole discretion substitute the Collateral Assets for other Eligible Collateral.



## SECURITY AND COLLATERAL IN RESPECT OF SECURED SECURITIES WHICH ARE NOTIONAL VALUE REPACK SECURITIES

### SECURITY AND COLLATERAL IN RESPECT OF SECURED SECURITIES WHICH ARE NOTIONAL VALUE REPACK SECURITIES

The following shall apply to Secured Securities only which are Notional Value Repack Securities and shall not apply to Secured Securities to which either Part A or B of Annex 13 (Additional Terms and Conditions for Secured Securities) is applicable.

#### General

References herein to "Issuer" means BNPP B.V. only.

Only BNPP B.V. may issue Secured Securities which are Notional Value Repack Securities. In order to secure its obligations in respect of such Secured Securities, BNPP B.V. will enter into, in respect of English Law Securities, security trust terms governed by English law (the "**Security Trust Deed Terms**") with The Law Debenture Trust Corporation p.l.c. (the "**Security Trustee**").

In respect of each series of Secured Securities BNPP B.V. will enter into one or more pledge agreements with the Security Trustee (in respect of English Law Securities) or with the entity specified as the French collateral security agent in the Final Terms (the "**French Collateral Security Agent**") (in respect of French Law Securities) which will, unless otherwise specified in the applicable Final Terms, be governed by Luxembourg law (each a "**Pledge Agreement**"). Under the Pledge Agreement, BNPP B.V. will grant first ranking security over securities held in securities accounts, or cash accounts (each a "**Collateral Account**") held by BNPP B.V. with BNP Paribas Securities Services, Luxembourg Branch (which, from and including the date on which the intragroup merger with BNPP takes effect (being 1 October 2022 or such other date notified to Holders in accordance with the Conditions), will be substituted with BNP Paribas, Succursale de Luxembourg) or such other custodian as is specified for the relevant Collateral Pool in the applicable Final Terms (each a "**Collateral Custodian**") in favour of the Security Trustee (in respect of English Law Securities) or the French Collateral Security Agent (in respect of French Law Securities) for itself, the relevant Holders and other Secured Parties (including the Swap Counterparty). In addition, the Issuer will:

- in respect of English Law Securities, grant security in favour of the Security Trustee (for itself and for and on behalf of the other Secured Parties) over its rights against the Swap Counterparty and any other Related Agreement Counterparty pursuant to a security trust deed (which will incorporate the Security Trust Deed Terms) governed by English law (the "**Security Trust Deed**" and, together with the Pledge Agreement and any other security agreement entered into by the Issuer relating to the relevant series of Secured Securities, each a "**Security Agreement**"); or
- in respect of French Law Securities, grant security in favour of the French Collateral Security Agent (for itself and the other Secured Parties) over its rights against the Swap Counterparty and any other Related Agreement Counterparty pursuant to a French collateral security agency and pledge agreement governed by French law (the "**French Collateral Security Agency and Pledge Agreement**" and, together with the Pledge Agreement and any other security agreement entered into by the Issuer relating to the relevant series of Secured Securities, each a "**Security Agreement**").

Save where the applicable Final Terms specify that there are no Reference Collateral Assets, in each Collateral Account, BNPP B.V. will hold securities which, upon delivery to the relevant Collateral Account, are Eligible Collateral (the "**Reference Collateral Assets**") in an amount at least equal to the nominal value of such Secured Securities or the equivalent of such nominal value in the Reference Collateral Currency (as at the relevant Trade Date) or part of the nominal value of such Secured Securities ("**Partial Nominal Value Collateralisation**") or, where the Issuer acquires the Reference Collateral Assets pursuant to a Repurchase Agreement, with a marked to market value equal to the Purchase Price. If Partial Nominal Value Collateralisation is applicable to a series of Secured Securities, this will be specified in the applicable Final Terms. The Issuer may acquire one or more type of Reference Collateral Asset with an aggregate

## **SECURITY AND COLLATERAL IN RESPECT OF SECURED SECURITIES WHICH ARE NOTIONAL VALUE REPACK SECURITIES**

nominal amount greater than the aggregate Notional Amount of such series of Secured Securities (such Secured Securities, "**Leveraged Notional Value Repack Securities**"). Multiple series of Secured Securities may be secured by the Collateral Assets held in a single Collateral Account (each a "**Collateral Pool**") if so specified in the relevant Final Terms provided that the Reference Collateral Assets specified as relating to a specific series of Secured Securities shall not be available (whether by delivery thereof or payment of the realisation proceeds) to meet claims of any secured party in respect of any other series of Secured Securities.

### **No collateralisation in respect of Secured Securities held by BNPP B.V. or any of its Affiliates**

Where Group Collateralisation is specified to be not applicable, there will be no collateralisation in respect of any Secured Securities beneficially owned by BNPP B.V. or any of its Affiliates. During the term of the relevant Secured Securities, where BNPP B.V. or any of its Affiliates is the beneficial owner of Secured Securities, it will not provide or hold any Reference Collateral Assets in respect of such Secured Securities.

Where Group Collateralisation is specified to be not applicable, following an Enforcement Event or an Early Redemption Event, BNPP B.V. or the Affiliate of BNPP B.V. that holds the Secured Securities will renounce and waive all rights (including as to payment) in respect of such Secured Securities and shall submit such Secured Securities for cancellation free of payment.

### **Events of Default**

The terms of the Secured Securities will contain events of default including non-payment or failure to deliver the Entitlement which is not remedied within 30 days after the relevant due date, non-performance or non-observance of the Issuer's or Guarantor's obligations in respect of the Secured Securities where such default is not remedied within 45 days after notice of such default has been given to the Principal Security Agent by any Holder or a Related Agreement terminates early where the Issuer is the defaulting party and the insolvency or winding up of the Issuer or Guarantor.

### **Enforcement**

Upon the occurrence of an Event of Default, the Security Trustee (in respect of English Law Securities) or the French Collateral Security Agent (in respect of French Law Securities) at its discretion may, and if so requested in writing by the Holders of at least one-fifth in number of the outstanding Secured Securities, or if so directed by an Extraordinary Resolution (in respect of English Law Securities) or a General Meeting (in respect of French Law Securities) of such Holders, shall (subject in each case to being indemnified and/or secured and/or prefunded to its satisfaction) deliver a notice (an "**Acceleration Notice**") to the Issuer, the Principal Security Agent, the Collateral Custodian, the Swap Counterparty (if any) and Repo Counterparty (if any) that each relevant series of Secured Securities secured by the Collateral Pool which is the subject of the Acceleration Notice shall forthwith become immediately due and payable at their Security Termination Amount (save where Physical Delivery of Collateral is applicable in which case the Entitlement in respect of each such Secured Security shall be delivered on the relevant Collateral Delivery Date). The Holders will receive a copy of such Acceleration Notice.

Following delivery of an Acceleration Notice, the Security Trustee (in respect of English Law Securities) or the French Collateral Security Agent (in respect of French Law Securities) at its discretion may, and if so requested in writing by the Holders of at least one-fifth in number of the outstanding Secured Securities, or if so directed by an Extraordinary Resolution (in respect of English Law Securities) or a General Meeting (in respect of French Law Securities) of such Holders, shall (subject in each case to being indemnified and/or secured and/or prefunded to its satisfaction) enforce the Security Agreement(s) in accordance with the terms thereof and will liquidate or realise the Collateral Assets in the relevant Collateral Pools, or appoint an agent to do so on its behalf. Where Physical Delivery of Collateral is specified as applicable to a series of Secured Securities, only the portion of the Collateral Assets which are not Reference Collateral Assets held in respect of series of Secured Securities secured by the relevant Collateral Pool will be liquidated (if any).

## SECURITY AND COLLATERAL IN RESPECT OF SECURED SECURITIES WHICH ARE NOTIONAL VALUE REPACK SECURITIES

In accordance with the terms of the Secured Securities, the Security Trustee (in respect of English Law Securities) or the French Collateral Security Agent (in respect of French Law Securities) will:

- (i) distribute the proceeds of such liquidation or realisation of a Collateral Pool to the Holders of the Secured Securities secured by such Collateral Pool or,
- (ii) where Physical Delivery of Collateral is specified as applicable, arrange for delivery of the Collateral Assets in the relevant Collateral Pool to the relevant Holders,

in each case after payment of any costs and fees incurred in connection with the enforcement of the Security Agreements and after payment of any other amount which is payable in priority thereto in accordance with the applicable Priority of Payments specified in the applicable Final Terms. The Reference Collateral Assets in one Collateral Pool and the proceeds of enforcement from that Collateral Pool (if any) will only be available to satisfy amounts due in respect of the Secured Securities to which such Reference Collateral Assets relate and they will not be available to satisfy amounts due to other series of Secured Securities in respect of which they are not specified as Reference Collateral Assets or which are not secured by that Collateral Pool.

### Description of Early Redemption Amount

The manner in which the amount due to Holders on an early redemption of the Notional Value Repack Securities is determined may depend on the event that has triggered an early redemption of the Notional Value Repack Securities and the early redemption method specified in the applicable Final Terms. Notional Value Repack Securities will be redeemed at an amount calculated by reference to:

- (a) (unless otherwise specified or if Standard Early Redemption Amount is specified in the applicable Final Terms) to the proceeds received from the sale or redemption of the Reference Collateral Assets (or the sale of BNPP B.V.'s rights to receive equivalent assets to the Reference Collateral Assets under the Collateral Exchange Agreement, where applicable) plus or minus any payments to be made under the Swap Agreement, Collateral Exchange Agreement (if any) and the Repurchase Agreement (if any) and less any costs incurred by BNPP B.V. and any agent appointed by it in the sale of the Reference Collateral Assets (or, where applicable, its rights to receive equivalent assets to the Reference Collateral Assets under the Collateral Exchange Agreement);
- (b) (if Secured Security Market Value is specified in the applicable Final Terms), the fair market value of the Securities;
- (c) (if Secured Security Highest Value is specified in the applicable Final Terms) the greater of the fair market value of the Securities and the Protected Amount specified in the Final Terms; or
- (d) (if Secured Security Monetisation Option is specified in the applicable Final Terms and Holders do not elect to receive the fair market value of the Securities) the present value of the Protected Amount specified in the Final Terms, the market value of the embedded derivative, a hypothetical interest rate that might be achieved on an alternative debt instrument with the same tenor as the Securities and the remaining time to the scheduled Redemption Date (the "**Secured Security Monetisation Amount**"),

each an "**Early Redemption Amount**".

The fair market value of the Securities for the purposes of calculating the Secured Security Market Value or the Secured Security Highest Value will be calculated by reference to the proceeds received from the sale or redemption of the Reference Collateral Assets (or the sale of BNPP B.V.'s rights to receive equivalent assets to the Reference Collateral Assets under the Collateral Exchange Agreement, where applicable) plus or minus any payments to be made under the Swap Agreement, Collateral Exchange Agreement (if any) and the Repurchase Agreement (if any).

## **SECURITY AND COLLATERAL IN RESPECT OF SECURED SECURITIES WHICH ARE NOTIONAL VALUE REPACK SECURITIES**

If the Notional Value Repack Securities are early redeemed in part, the amount calculated as payable on such early redemption will take into account that only a portion of the outstanding Notional Value Repack Securities are being early redeemed.

### **Acquisition of Reference Collateral Assets**

BNPP B.V. may acquire the Reference Collateral Assets in a number of ways including by entering into repurchase agreements or swap agreements or any other agreements with BNP Paribas Arbitrage S.N.C., BNP Paribas or any other Affiliate of the Issuer or such other entities as it deems appropriate from time to time. See "Description of the Charged Assets" below for a description of the different arrangements the Issuer may enter into and associated cashflows. Payments received in respect of Reference Collateral Assets and to be made between the Issuer and any Related Agreement Counterparty will be dealt with in the manner set out in the relevant Related Agreement and/or may be the subject of a netting arrangement between, *inter alios*, the Issuer, the relevant Related Agreement Counterparties, the Principal Security Agent and the Collateral Custodian.

## **DESCRIPTION OF THE CHARGED ASSETS - PART I - GENERAL**

### **DESCRIPTION OF THE CHARGED ASSETS - PART I - GENERAL**

The below description relates to Secured Securities which are Notional Value Repack Securities to which Part C or Part D of Annex 13 (Additional Terms and Conditions for Secured Securities) applies

The Issuer will meet its obligations to pay the relevant amounts it is due to pay in respect of the Secured Securities using the payments it receives from the obligors under the Charged Assets specified in the Final Terms for the relevant series of Secured Securities. The Issuer will also grant security over the Charged Assets in the manner set out in the Collateral Security Conditions.

The specific obligors under the Charged Assets will be specified in the applicable Final Terms however such obligors will be one or more corporate, bank or other financial institution, government, governmental agency, trust, fund, municipal entity, sovereign or supranational entity provided that such obligors have securities already admitted to trading on a regulated or equivalent market or the obligations are guaranteed by an entity admitted to trading on a regulated or equivalent market. Where the Reference Collateral Assets are equity securities and/or debt securities specified as "Reference Collateral Assets" in the applicable Final Terms, such securities shall be traded on a regulated or equivalent market.

## DESCRIPTION OF THE CHARGED ASSETS - PART II - DESCRIPTION OF THE SWAP AGREEMENT

### DESCRIPTION OF THE CHARGED ASSETS - PART II - DESCRIPTION OF THE SWAP AGREEMENT

*The following description of the Swap Agreement which the Issuer may enter into for each series of Secured Securities should be read in conjunction with the Final Terms for such series of Secured Securities, the applicable Charged Asset Structure and the relevant Credit Support Structure(s) (if any) and together this description, and the applicable Charged Asset Structure, Credit Support Structure(s) (if any) and such Final Terms consists of a summary of certain provisions of such Swap Agreement which is qualified in its entirety by reference to the detailed provisions of such Swap Agreement for each specific series of Secured Securities. The following summary does not purport to be complete, and prospective investors must refer to the applicable Final Terms and the relevant Swap Agreement for detailed information regarding the relevant Swap Agreement.*

#### Payments under the Swap Agreement

If so specified in the applicable Final Terms, one of BNP Paribas and BNP Paribas Arbitrage SNC may enter into one or more swap transactions in its capacity as swap counterparty (the "**Swap Counterparty**") with BNPP B.V. as Issuer pursuant to the terms of a 2002 ISDA Master Agreement and a Schedule thereto (the "**Master Agreement**") and confirmation in respect of the relevant transaction (each such agreement, a "**Swap Agreement**").

Each Swap Agreement will be entered into in order to allow the Issuer to exchange certain cashflows received by, or to the order of, the Issuer in respect of the issue of the relevant Secured Securities, the Relevant Collateral Assets, any Repurchase Agreement and/or the proceeds of the issue of the relevant series of Secured Securities in order to hedge the Issuer's obligations under the Secured Securities for that series. In addition, the Issuer may enter into a credit derivative transaction with the Swap Counterparty where the Secured Securities are Credit Notional Value Repack Securities.

The payments due to be made by the Issuer and the Swap Counterparty in respect of a Swap Agreement are described in Description of Charged Assets - Part V - Charged Asset Structures and the applicable Charged Asset Structure will be specified in the Final Terms for a particular series.

#### Termination of Swap Agreement

The Swap Agreement will terminate on the final date on which a payment may be due thereunder (the "**Scheduled Swap Termination Date**") unless terminated earlier in accordance with the terms thereof, provided that if Suspension of Payments is applicable to a series, if the Scheduled Swap Termination Date falls during the Suspension Period, it shall be postponed to the date falling two Business Days following the final Business Day of the Suspension Period or such earlier date on which the Issuer makes the final payments due on the Secured Securities.

#### Early Termination

Termination of any Swap Agreement prior to the Scheduled Swap Termination Date may occur in certain circumstances, including, without limitation:

- (a) payment defaults by the Issuer or the Swap Counterparty under such Swap Agreement;
- (b) bankruptcy events relating to the Issuer or the Swap Counterparty;
- (c) payment defaults by the Issuer or the Repo Counterparty under the Repurchase Agreement (where applicable);
- (d) payment or delivery defaults by the Issuer or the Collateral Exchange Counterparty under the Collateral Exchange Agreement (where applicable);
- (e) repurchase of all relevant Secured Securities by the Issuer;

## DESCRIPTION OF THE CHARGED ASSETS - PART II - DESCRIPTION OF THE SWAP AGREEMENT

- (f) the early redemption or an event of default of the series of Secured Securities in respect of which the Swap Agreement has been entered into; and
- (g) tax events relating to the Issuer or the relevant Swap Counterparty.

On an early termination of any Swap Agreement, an amount may be payable either to or by the Issuer in accordance with the terms of the relevant Swap Agreement. Such termination payment, unless otherwise set out in the relevant Swap Agreement, will be an amount payable equal to (a) the sum of (i) the close out amount and (ii) the Unpaid Amounts owing to the non-defaulting (or non-affected) party less (b) the Unpaid Amounts owing to the defaulting (or affected) party. If the amount is positive, the defaulting (or affected) party will pay it to the non-defaulting (or non-affected) party; if it is negative, the non-defaulting (or non-affected) party will pay the absolute value of that amount to the defaulting (or affected) party. In circumstances where both parties are affected parties, both parties will determine their close out amounts and the amount referred to in (a)(i) will be one half of the difference between the higher and lower of the close out amounts calculated.

In summary, the close out amount is the amount of losses or costs (expressed as a positive number) incurred or the gains (expressed as a negative number) realised by the non-defaulting (or non-affected) party in replacing, or in providing for the non-defaulting (or non-affected) party the economic equivalent of the material terms of the terminated transaction and the option rights of the parties in respect of the relevant terminated transaction, ignoring for this purpose any Unpaid Amounts, as determined by the non-defaulting (or non-affected) party in good faith, in accordance with the relevant provisions of the Master Agreement.

**"Unpaid Amounts"** as used in the above paragraph means, with respect to the date on which the Swap Agreement is terminated early (the **"Early Termination Date"**), the aggregate of (a) the amounts that become payable under the terminated transactions (or would have become payable but for the condition precedent contained in the Swap Agreement not being satisfied or the application of provisions relating to deferral of payments to any party) and which remain unpaid as at such Early Termination Date, (b) in respect of each terminated transaction which was required to be settled by delivery (or would have been settled by delivery but for the condition precedent contained in the Swap Agreement not being satisfied or the application of provisions relating to deferral of deliveries) which was not so settled, an amount equal to the fair market value of that which was required to be delivered and (c) if the Early Termination Date results from an event of default, a credit event upon merger event or an additional termination event, any termination payment due prior to such Early Termination Date which remains unpaid as of such Early Termination Date, in each case together with any amount of interest accrued in accordance with the terms of the Swap Agreement.

Upon an early termination of a Swap Agreement, there is no assurance that any termination payment payable by the Swap Counterparty to the Issuer will be sufficient to allow the Issuer to pay any amounts that would otherwise have been due in respect of the Secured Securities.

The early termination of the Swap Agreement will, if Related Agreement Termination Event is specified to be an Early Redemption Event, constitute an Early Redemption Event in respect of the Secured Securities. The Issuer will not be required to pay a termination payment to the Swap Counterparty greater than the sale proceeds from the Reference Collateral Assets for the relevant series which are sold following the occurrence of a relevant Early Redemption Event.

### Swap adjustments

Where one of Secured Security Market Value or Secured Security Highest Value is specified as applicable as the Early Redemption Amount applicable to the Secured Securities in respect of one or more Early Redemption Events and such an Early Redemption Event occurs or another event occurs which results in the Secured Security Market Value or Secured Security Highest Value being payable in accordance with the terms and conditions of the Secured Securities, the Swap Agreement will terminate and the amount payable as the termination payment in respect of the Swap Agreement will be equal to the Adjusted Early Termination Amount.

## DESCRIPTION OF THE CHARGED ASSETS - PART II - DESCRIPTION OF THE SWAP AGREEMENT

Where Secured Security Monetisation Option is specified as applicable in respect of the Secured Securities in respect of one or more Early Redemption Events and such an Early Redemption Event occurs or another event occurs which results in the Secured Security Monetisation Option being applicable in accordance with the terms and conditions of the Securities (a "**Monetisation Effective Event**"), the Swap Agreement will be split into two transactions with one transaction (the "**Terminating Transaction**") having a notional amount equal to the Terminating Swap Notional Amount (in respect of which the Adjusted Early Termination Amount will be payable) and the other transaction (the "**Surviving Transaction**") will have a notional amount equal to the Swap Notional Amount less the Terminating Swap Notional Amount. The Surviving Transaction will also be deemed to be automatically adjusted so that where the Swap Counterparty may have an obligation to pay one or more amounts which are linked to the performance of an Underlying Reference or amounts equal to the interest amounts payable on the Secured Securities, such payment obligation shall be amended so that an amount shall be due from the Swap Counterparty equal to the aggregate Secured Security Monetisation Amount payable by the Issuer in respect of the relevant Secured Securities (and the calculation agent under the Swap Agreement may make any other necessary adjustments to the Swap Agreement it deems necessary as a consequence of the Monetisation Effective Event) and the Issuer may be obliged to pay an amount to the Swap Counterparty equal to the amount of the Charged Asset Proceeds which are not used to pay the aggregate Secured Security Market Value of the Secured Securities in respect of which the holders thereof have elected to receive the Secured Security Market Value rather than the Secured Security Monetisation Amount.

Where:

"**Adjusted Early Termination Amount**" means an amount equal to the amount of losses (expressed as a positive number) incurred or the gains (expressed as a negative number) realised by the Swap Counterparty in replacing, or in providing for the Swap Counterparty the economic equivalent of the material terms of the terminated transaction and the option rights of the parties in respect of the relevant terminated transaction provided that no account will be taken of funding costs or any loss or cost incurred in connection with the determining party terminating, liquidating or re-establishing any hedge related to the terminated transaction or any gain resulting therefrom. Where the Adjusted Early Termination Amount is a positive figure, an amount equal to such amount will be payable by the Issuer to the Swap Counterparty and where the Adjusted Early Termination Amount is a negative figure, an amount equal to the absolute value of such amount will be payable by the Swap Counterparty to the Issuer; and

"**Terminating Swap Notional Amount**" means the proportion of the notional amount of the Swap Agreement immediately prior to a Monetisation Effective Event (the "**Swap Notional Amount**") equal to the proportion that the aggregate Notional Amount of the Secured Securities in respect of which the holders elect to receive the Secured Security Market Value of such Securities bears to the aggregate Notional Amount of the Secured Securities.

### Collateralisation

The Swap Counterparty may be required to provide collateralisation in respect of its obligations under the relevant Swap Agreement. Collateralisation may be provided: (a) under a 1995 ISDA Credit Support Annex (Transfer – English law) (a "**Credit Support Annex**"); or (b) a 1995 ISDA Credit Support Deed (Security Interest – English law) (a "**Credit Support Deed**").

The amount of any collateralisation and the circumstances in which it is payable or deliverable will be set out in the Credit Support Structure specified as being applicable in the applicable Final Terms. The custodian of Swap Counterparty Collateral posted under a Credit Support Annex or Credit Support Deed will be the Collateral Custodian. Any Swap Counterparty Collateral posted pursuant to a Credit Support Annex and/or any rights of the Issuer under any Credit Support Deed will be secured by a pledge on such Swap Counterparty Collateral or an assignment of such rights in favour of the Security Trustee (in respect of English Law Securities) or the French Collateral Security Agent (in respect of French Law Securities) for itself and for on and on behalf of the relevant Secured Parties.



## DESCRIPTION OF THE CHARGED ASSETS - PART II - DESCRIPTION OF THE SWAP AGREEMENT

Under the Credit Support Deed or Credit Support Annex, the Swap Counterparty is entitled to substitute Swap Counterparty Collateral with the consent of the Issuer provided any replacement Swap Counterparty Collateral has a market value (as determined by the Credit Support Valuation Agent under the Credit Support Deed or Credit Support Annex, as the case may be) at least equal to the value of the Swap Counterparty Collateral which has been substituted and meets any other criteria specified in the Credit Support Deed or the Credit Support Annex, as applicable. The Security Trustee (in respect of English Law Securities) or the French Collateral Security Agent (in respect of French Law Securities) is not responsible for monitoring the market value of, or verifying the eligibility of, the Swap Counterparty Collateral or any replacement Swap Counterparty Collateral, and is entitled to rely on certificates of the Credit Support Valuation Agent or Swap Counterparty without further investigation or enquiry.

If a Credit Support Deed is entered into, under such Credit Support Deed the Swap Counterparty will post Swap Counterparty Collateral in respect of its obligations under the Swap Agreement and grant English law governed security over such Swap Counterparty Collateral in favour of the Issuer. The amount of credit support to be provided by the Swap Counterparty under a Credit Support Annex or Credit Support Deed will be adjusted on the Swap Agreement Valuation Dates (as defined below) specified in the applicable Final Terms in the manner set out in the applicable Credit Support Structure. Subject to the provisions of the Credit Support Annex or Credit Support Deed, the Issuer will pay all cash, securities or other property it receives in respect of the Swap Counterparty Collateral to the Swap Counterparty. On any Business Day, the Swap Counterparty, pursuant to the terms of the Credit Support Deed or Credit Support Annex, may give notice to the Issuer that it wishes to transfer new Swap Counterparty Collateral to the Issuer in exchange for some or all of the Swap Counterparty Collateral held by, or previously transferred to, the Issuer. On the Business Day immediately following such request (provided that where consent is required from the Issuer, such consent is given), the Issuer will be obliged to transfer collateral (the "Exchanged Securities") of the same type, nominal value and amount as those requested by the Swap Counterparty against receipt from the Swap Counterparty of new Swap Counterparty Collateral with a market value (as of the date of such transfer) as close as practicable to, but in any event not less than, as determined by the Credit Support Valuation Agent, the market value (on the previous valuation date under the Swap Agreement) of the Exchanged Securities.

"**MtM Value**" means, with respect to a Swap Agreement Valuation Date under the Credit Support Deed or Credit Support Annex, an amount determined by the Credit Support Valuation Agent in its sole discretion as the amount which would be payable by the Swap Counterparty in respect of the early termination of the Swap Agreement on such Swap Agreement Valuation Date or, as the case may be, where Credit Support Structure 3 is applicable and Issuer may be obliged to provide Issuer Posted Collateral, the amount which would be payable to the Swap Counterparty in respect of the early termination of the Swap Agreement on such Swap Agreement Valuation Date.

For the avoidance of doubt, if Credit Support Structure 3 is applicable, the Issuer may also be required to provide collateralisation in respect of its obligations under the relevant Swap Agreement pursuant to any Credit Support Annex or Credit Support Deed entered into with the Swap Counterparty so that either the Issuer or the Swap Counterparty or both of such parties may be required to provide collateralisation for their respective obligations under the relevant Swap Agreement.

Where Credit Support Structure 3 is applicable the amount of any collateralisation by the Issuer will be set out in the applicable Final Terms provided that the collateral to be posted by the Issuer will be the Reference Collateral Assets in respect of the relevant Securities to which the Swap Agreement relates (the "**Issuer Posted Collateral**") and provided further that the Issuer shall not be required to post a principal amount of collateral greater than the principal amount of Reference Collateral Assets acquired by the Issuer in respect of the relevant series of Secured Securities to which the Swap Agreement relates or, at the relevant time, then held by the Issuer.

Prior to the occurrence of an Event of Default, where the Issuer is required to deliver Issuer Posted Collateral to the Swap Counterparty under a Credit Support Annex or Credit Support Deed, the security granted over the relevant Collateral Assets in favour of the Security Trustee (in respect of English Law Securities) or the French Collateral Security Agent

## DESCRIPTION OF THE CHARGED ASSETS - PART II - DESCRIPTION OF THE SWAP AGREEMENT

(in respect of French Law Securities) will automatically be released without requiring the consent of the Security Trustee (in respect of English Law Securities) or the French Collateral Security Agent (in respect of French Law Securities). Where the Swap Counterparty is obliged under the terms of the Credit Support Annex or Credit Support Deed to pay or deliver securities (which will be equivalent to those securities originally posted by the Issuer ("**Equivalent Issuer Posted Collateral**")) by way of a return amount, such securities will become subject to the security granted in favour of the Security Trustee (in respect of English Law Securities) or the French Collateral Security Agent (in respect of French Law Securities) by the Issuer in respect of the relevant Collateral Pool.

If a Credit Support Deed is entered into, under such Credit Support Deed the Issuer will post Issuer Posted Collateral for its obligations under the Swap Agreement and grant English law governed security over such Issuer Posted Collateral in favour of the Swap Counterparty. If a Credit Support Annex is entered into, under such Credit Support Annex the Issuer will post Issuer Posted Collateral for its obligations under the Swap Agreement and will do so by transferring title to such Issuer Posted Collateral under the terms of the Credit Support Annex.

The amount of credit support to be provided by the Issuer under a Credit Support Annex or Credit Support Deed will be adjusted on the Swap Agreement Valuation Dates (as defined below) specified in the applicable Final Terms in the manner set out in the applicable Credit Support Structure. Subject to the provisions of the Credit Support Deed or the Credit Support Annex, as the case may be, the Swap Counterparty will pay all cash, securities or other property it receives in respect of the Issuer Posted Collateral to the Issuer.

### **Taxation**

Imposition of withholding taxes on payments made under a Swap Agreement may lead to the early termination of the relevant Swap Agreement.

## DESCRIPTION OF THE CHARGED ASSETS - PART III - DESCRIPTION OF THE REPURCHASE AGREEMENT

### DESCRIPTION OF THE CHARGED ASSETS - PART III - DESCRIPTION OF THE REPURCHASE AGREEMENT

*The following description of the Repurchase Agreement should be read in conjunction with the Final Terms for the relevant series of Secured Securities and the applicable Charged Asset Structure and Credit Support Structure(s), together this description and the applicable Charged Asset Structure, Credit Support Structure(s) and such Final Terms consists of a summary of certain provisions of the Repurchase Agreement which is qualified by reference to the detailed provisions of the Repurchase Agreement for each specific series of Secured Securities. The following summary, in conjunction with the summary in the applicable Final Terms, does not purport to be complete, and prospective investors must refer to the relevant Repurchase Agreement for detailed information regarding the Repurchase Agreement.*

#### Repurchase Agreement

If so specified in the Final Terms, BNP Paribas (the "**Repo Counterparty**") and the Issuer will enter into one or more master repurchase agreements, in each case substantially in the form of (i) a 2000 TBMA/ISMA Global Master Repurchase Agreement, (ii) an FBF Master Agreement for Purchase Transactions (*Convention Cadre FBF relative aux opérations de pensions livrées*) or (iii) a similar master agreement for repurchase transactions (each as amended, supplemented or otherwise modified from time to time and each a "**Master Repurchase Agreement**"). Pursuant to the Master Repurchase Agreement the Issuer may enter into one or a series of repurchase transactions (each a "**Repo Transaction**") for each series of Secured Securities (together, for each series of Secured Securities, a "**Repurchase Agreement**") with the Repo Counterparty in respect of the securities or other assets specified in the applicable Final Terms (the "**Repo Collateral Securities**"). Under each such Repo Transaction, the Repo Counterparty will be the seller of Repo Collateral Securities which will constitute the Reference Collateral Assets for the relevant series and the Issuer will be the buyer. The Issuer will grant security over its rights under the Repurchase Agreement and over the Reference Collateral Assets purchased thereunder in favour of the Security Trustee for itself and as security trustee for the Secured Parties (for the relevant series of Secured Securities which are English Law Securities) or of the French Collateral Security Agent for itself and as agent for the Secured Parties (for the relevant series of Secured Securities which are French Law Securities).

Under the Repurchase Agreement, on the Initial Posting Date specified in the applicable Final Terms for the relevant series of Secured Securities, the Issuer will purchase from the Repo Counterparty the Repo Collateral Securities specified in the applicable Final Terms for a consideration and with a market value equal to the amount set out in the applicable Final Terms.

The first Repo Transaction will commence on the Initial Posting Date and end on the first repurchase date (the "**First Repurchase Date**") applicable to the Repo Transaction following the Initial Posting Date. Each subsequent Repo Transaction (if any) will commence on a purchase date (in each case, together with the Initial Posting Date, a "**Purchase Date**") which will usually be the same date as the immediately preceding repurchase date and end on the next following repurchase date (in each case, together with the First Repurchase Date, a "**Repurchase Date**") with the last such Repo Transaction terminating on or shortly before the Redemption Date (the "**Final Repo Date**"). On each Repurchase Date for each series of Secured Securities, the Repo Counterparty will repurchase securities equivalent to the Repo Collateral Securities sold by it in relation to such series of Secured Securities on the previous Purchase Date for a consideration equal to the purchase price for that Repo Transaction as specified in the applicable Final Terms together with a price differential (the "**Price Differential**") determined in accordance with the terms of the Repurchase Agreement (together, in each case, the "**Repurchase Price**"). Subsequent Transactions need not relate to the same portfolio of Reference Collateral Assets, but will have the same purchase price (in each case, the "**Purchase Price**"), subject to adjustment if the Securities are purchased by the Issuer or further Tranches of Securities are issued by the Issuer.

## **DESCRIPTION OF THE CHARGED ASSETS - PART III - DESCRIPTION OF THE REPURCHASE AGREEMENT**

### **Purchase of Securities**

Where further Tranches of Secured Securities are issued and the Issuer purchases additional Repo Collateral Securities from the Repo Counterparty under the Repurchase Agreement (which for the avoidance of doubt will be repurchased by the Repo Counterparty on the same Repurchase Date as the Repo Collateral Securities purchased by the Issuer on the immediately preceding Repurchase Date) or where the Issuer purchases Secured Securities and sells Repo Collateral Securities to the Repo Counterparty in order to fund such purchase, a fee in addition to the relevant Purchase Price or Repurchase Price (as applicable) may be payable by the Issuer to the Repo Counterparty or by the Repo Counterparty to the Issuer depending on prevailing market conditions. Where the Issuer purchases Securities, a Repurchase Date shall occur with respect to the proportion of the Repurchase Agreement equal to the Notional Amount of Certificates being purchased (the "**Purchased Proportion**") and accrued Price Differential will be reflected in the Repurchase Price paid by the Repo Counterparty to the Issuer in respect of the Purchased Proportion.

Capitalised terms used in this "Description of the Repurchase Agreement" and not defined herein shall have the meanings given to them in the Final Terms for the relevant series of Secured Securities or the applicable Charged Asset Structure.

### **Early termination and cancellation**

Any Repurchase Agreement for a series of Secured Securities may be subject to early termination in certain circumstances, including without limitation:

- (a) payment defaults and/or failure to deliver securities by the Issuer or the Repo Counterparty under such Repurchase Agreement;
- (b) payment defaults by the Issuer or the Swap Counterparty under the Swap Agreement (where applicable);
- (c) bankruptcy events relating to the Issuer or the relevant Repo Counterparty;
- (d) repurchase of all relevant Secured Securities by the Issuer;
- (e) the early redemption or an event of default of the series of Securities in respect of which the Repurchase Agreement has been entered into; and
- (f) tax events relating to the Issuer or the relevant Repo Counterparty.

Upon early termination of the Repurchase Agreement, a termination payment may be due between the parties in accordance with the terms of the relevant Repurchase Agreement.

### **Further Securities**

If the Issuer issues further Secured Securities of a series pursuant to Security Condition 12 the Issuer may purchase from the Repo Counterparty Reference Collateral Assets for a consideration of, and with a market value equal to, the aggregate issue proceeds of such further Securities (or such proportion as is specified where an amount less than the full proceeds of the issue of such further Securities is used to purchase Reference Collateral Assets) each as set out in the applicable Final Terms. Following such issue, the Repurchase Price for the then current Repo Transaction shall be increased by such notional amount (or such proportion of such notional amount) and the Purchase Price for all subsequent Transactions shall then be increased by an amount equal to such notional amount (or such proportion of such notional amount).

### **Substitution of Reference Collateral Assets**

For each series of Secured Securities, the Repurchase Agreement will permit the Repo Counterparty to deliver to the Issuer new Repo Collateral Securities in substitution or exchange for existing Repo Collateral Securities relating to a series of Secured Securities, subject to the relevant Repurchase Agreement, provided that such substitution or exchange

### **DESCRIPTION OF THE CHARGED ASSETS - PART III - DESCRIPTION OF THE REPURCHASE AGREEMENT**

does not result in the Issuer becoming subject to a Net Exposure under the current Transaction for that series of Secured Securities. The Security Trustee (in respect of English Law Securities) or the French Collateral Security Agent (in respect of French Law Securities) is not responsible for monitoring or verifying the eligibility or the market value of the Repo Collateral Securities at any time.

## DESCRIPTION OF THE CHARGED ASSETS - PART IV - DESCRIPTION OF THE COLLATERAL EXCHANGE AGREEMENT

### DESCRIPTION OF THE CHARGED ASSETS - PART IV - DESCRIPTION OF THE COLLATERAL EXCHANGE AGREEMENT

*The following description of the Collateral Exchange Agreement should be read in conjunction with the Final Terms for the relevant series of Secured Securities and the applicable Charged Asset Structure and Credit Support Structure(s), together this description and the applicable Charged Asset Structure, Credit Support Structure(s) and such Final Terms consists of a summary of certain provisions of the Collateral Exchange Agreement which is qualified by reference to the detailed provisions of the Collateral Exchange Agreement for each specific series of Secured Securities. The following summary, in conjunction with the summary in the applicable Final Terms, does not purport to be complete, and prospective investors must refer to the relevant Collateral Exchange Agreement for detailed information regarding the Collateral Exchange Agreement.*

#### **Collateral Exchange Agreement**

If so specified in the Final Terms, BNP Paribas (the "**Collateral Exchange Counterparty**") and the Issuer will enter into one or more collateral exchange agreements, in each case substantially in the form of (i) a 2000 ISLA Global Master Securities Lending Agreement and schedule (as amended) or (ii) a 2010 ISLA Global Master Securities Lending Agreement and schedule (as amended) or (iii) another form of agreement relating to the exchange of securities (for each series, a "**Collateral Exchange Agreement**"). The Issuer will grant security over its rights under the Collateral Exchange Agreement and over the Replacement Collateral Assets (if any) it receives thereunder in favour of the Security Trustee for itself and as security trustee for the relevant Secured Parties (for the relevant series of Secured Securities which are English Law Securities) or of the French Collateral Security Agent for itself and as agent for the relevant Secured Parties (for the relevant series of Secured Securities which are French Law Securities). The Collateral Exchange Agreement in respect of any series of Notional Value Repack Securities will be entered into on or around the Issue Date of the relevant series of Notional Value Repack Securities.

#### **Collateral Exchange Agreement – Two Way Transfer**

Where Collateral Exchange Agreement – Two Way Transfer is applicable pursuant to the Collateral Exchange Agreement the Collateral Exchange Counterparty may, at its option, enter into one or more transaction (each an "**Exchange Transaction**") with the Issuer in respect of the relevant Reference Collateral Assets. Under such Exchange Transactions, the Issuer will transfer to the Collateral Exchange Counterparty all or part of the Reference Collateral Assets (the "**Received Collateral**") and the Collateral Exchange Counterparty will transfer Replacement Collateral Assets to the Issuer. Subject to the circumstances in which the Collateral Exchange Agreement will terminate early (as described below), the Exchange Transactions shall terminate on the maturity date of the Reference Collateral Assets (or on any earlier date as specified by the Collateral Exchange Counterparty) and the Collateral Exchange Counterparty will transfer securities equivalent to the Received Collateral which it received to the Issuer on such date and the Issuer will transfer securities equivalent to the Replacement Collateral Assets which it received.

The Collateral Exchange Counterparty may be required under the Collateral Exchange Agreement to pay the Issuer a fee in connection with entering into the Collateral Exchange Agreement and will be required to transfer collateral to the Issuer against transfer of the relevant Reference Collateral Assets or part thereof by the Issuer under the Collateral Exchange Agreement, as set out in Collateral Exchange Structure 1.

Under the Collateral Exchange Agreement, the Collateral Exchange Counterparty will pay to the Issuer amounts equal to the amounts that would have been received by the Issuer under the Received Collateral if it had not transferred such Received Collateral to the Collateral Exchange Counterparty (which shall be net of deductions or withholding for tax, where so specified in the applicable Final Terms) and the Issuer will pay to the Collateral Exchange Counterparty amounts equal to the amounts that would have been received by the Collateral Exchange Counterparty under the relevant

## DESCRIPTION OF THE CHARGED ASSETS - PART IV - DESCRIPTION OF THE COLLATERAL EXCHANGE AGREEMENT

Replacement Collateral Assets if it had not transferred such Replacement Collateral Assets to the Collateral Exchange Counterparty.

### Collateral Exchange Agreement – One Way Transfer Securities Lending

Where Collateral Exchange Agreement – One Way Transfer Securities Lending is applicable pursuant to the Collateral Exchange Agreement the Collateral Exchange Counterparty may, at its option, enter into one or more transaction (each an "**Exchange Transaction**") with the Issuer in respect of the relevant Reference Collateral Assets. Under such Exchange Transactions, the Issuer will transfer to the Collateral Exchange Counterparty all or part of the Reference Collateral Assets (the "**Received Collateral**"). Subject to the circumstances in which the Collateral Exchange Agreement will terminate early (as described below), the Exchange Transactions shall terminate on the maturity date of the Reference Collateral Assets (or on any earlier date as specified by the Collateral Exchange Counterparty) and the Collateral Exchange Counterparty will transfer securities equivalent to the Received Collateral which it received to the Issuer on such date.

The Collateral Exchange Counterparty may be required under the Collateral Exchange Agreement to pay the Issuer a fee in connection with entering into the Collateral Exchange Agreement.

Under the Collateral Exchange Agreement, the Collateral Exchange Counterparty will pay to the Issuer amounts equal to the amounts that would have been received by the Issuer under the Received Collateral if it had not transferred such Received Collateral to the Collateral Exchange Counterparty.

### Collateral Exchange Agreement – Triparty Transfer

Where Collateral Exchange Agreement – Triparty Transfer is applicable, in addition to, and in connection with, the Collateral Exchange Agreement, the Collateral Exchange Counterparty and the Issuer (or an agent on behalf of the Issuer) will enter into a triparty securities lending service agreement with Euroclear Bank S.A./N.V. (in such capacity, the "**Triparty Services Agent**") (the "**Triparty Agreement**") on the basis of a Securities Lending Service Agreement comprised of the Securities Lending Service Agreement Terms and Conditions dated March 2017 (as such terms and conditions are amended, supplemented, replaced or otherwise modified from time to time) and the Securities Lending Service Agreement – Operating Procedures dated April 2017 (as such operating procedures are amended, supplemented, replaced or otherwise modified from time to time) in standard form as published by the Triparty Services Agent together with annexes thereto pursuant to which the Triparty Services Agent will determine the market value of the Reference Collateral Assets and Replacement Collateral Assets and administer the Replacement Collateral Assets. The Collateral Exchange Counterparty and the Issuer may at any time at the request of the Collateral Exchange Counterparty terminate the Triparty Agreement and/or enter into alternative triparty agreements. Pursuant to the Collateral Exchange Agreement the Collateral Exchange Counterparty may, at its option, enter into one or more transactions (each an "**Exchange Transaction**") with the Issuer in respect of the relevant Reference Collateral Assets. Under such Exchange Transactions, the Issuer will transfer to the Collateral Exchange Counterparty all or part of the Reference Collateral Assets (the "**Received Collateral**") and Replacement Collateral Assets will be transferred to the Issuer. Transfers of Replacement Collateral Assets will be made and administered by the Triparty Services Agent on behalf of the parties under the Collateral Exchange Agreement in the same way as if Collateral Exchange Agreement – Two Way Transfer is applicable. For so long as the Collateral Exchange Agreement is subject to the Triparty Agreement the Reference Collateral Assets and the Replacement Collateral Assets must be subject to clearing through Euroclear and/or such other clearing system as may be required for the purposes of the Triparty Agreement; and for so long as the Collateral Exchange Agreement is subject to a Triparty Agreement, are securities which are eligible for use under the Triparty Agreement as set out in the Securities Lending Service Agreement – Operating Procedures dated April 2017 (as such operating procedures are amended, supplemented, replaced or otherwise modified from time to time). In connection with the Triparty Agreement, the Issuer (or an agent of the Issuer) may enter into Belgian law governed security documentation with the applicable Security Trustee (in respect of English Law Securities) or the applicable French Collateral Security Agent (in respect of French Law Securities) or, where applicable, an entity acting as the representative of the applicable Security Trustee (in respect of English Law Securities) or the French Collateral Security Agent (in respect of French Law Securities).

## DESCRIPTION OF THE CHARGED ASSETS - PART IV - DESCRIPTION OF THE COLLATERAL EXCHANGE AGREEMENT

If at any time the Triparty Services Agent is unable to perform its role under the Triparty Agreement, the Collateral Exchange Counterparty and the Issuer shall use commercially reasonable endeavours to enter into a triparty securities lending service agreement with an entity of equivalent standing to the Triparty Services Agent. If, having used commercially reasonable endeavours such an agreement is not entered into, the Collateral Exchange Counterparty and the Issuer shall make such amendments to the Collateral Exchange Agreement as are necessary to reflect a bilateral arrangement between the Issuer and the Collateral Exchange Counterparty with substantially similar economic terms. For the avoidance of doubt, the Collateral Exchange Agreement will not terminate solely as a result of the termination of the Triparty Agreement and no Early Redemption Event will occur in respect thereof.

### Termination

The Collateral Exchange Agreement includes events of default such as bankruptcy of the Issuer or the Collateral Exchange Counterparty and failure to make payments or deliveries thereunder. The Collateral Exchange Agreement will terminate automatically upon the occurrence of any such event of default. Additionally, the Collateral Exchange Agreement will terminate automatically upon the termination of the Swap Agreement relating to the relevant series of Secured Securities in accordance with the terms thereof. The Collateral Exchange Counterparty may terminate the Collateral Exchange Agreement upon giving notice to the Issuer in accordance with the provisions of the Collateral Exchange Agreement. The Issuer will not be entitled to terminate the Collateral Exchange Agreement before the maturity date of the Reference Collateral Assets, except following the occurrence of an event of default (as set out in the Collateral Exchange Agreement) with respect to the Collateral Exchange Counterparty. The Collateral Exchange Agreement may also terminate automatically in other circumstances pursuant to the terms of the Collateral Exchange Agreement.

Upon the early termination of the Collateral Exchange Agreement at the option of the Collateral Exchange Counterparty, the Collateral Exchange Counterparty will transfer equivalent securities in respect of the Received Collateral to the Issuer in accordance with the provisions of the Collateral Exchange Agreement and, save where Collateral Exchange One Way Transfer Securities lending is applicable, the Issuer will transfer equivalent securities in respect of the Replacement Collateral Assets to the Collateral Exchange Counterparty.

Where Group Collateralisation is specified to be not applicable in the applicable Final Terms to a series of Secured Securities in respect of which a Collateral Exchange Agreement has been entered into, an Exchange Transaction may terminate in whole or part early where the number of Placed Secured Securities is reduced. In such circumstances, the Collateral Exchange Counterparty will transfer equivalent securities in accordance with the provisions of the Collateral Exchange Agreement in respect of a proportion of the Received Collateral to the Issuer equivalent to the proportional reduction in the aggregate Notional Amount of the Placed Secured Securities and, save where Collateral Exchange One Way Transfer Securities Lending is applicable, the Issuer will transfer equivalent securities in respect of an equivalent proportion of the Replacement Collateral Assets to the Collateral Exchange Counterparty in accordance with the provisions of the Collateral Exchange Agreement.

Upon the early termination of the Collateral Exchange Agreement where Collateral Physical Settlement is applicable in respect of an Early Redemption Event and no Related Agreement Counterparty Default has occurred, the Collateral Exchange Counterparty will use commercially reasonable efforts to transfer equivalent securities in respect of the Received Collateral to the Issuer in accordance with the provisions of the Collateral Exchange Agreement and, save where Collateral Exchange One Way Transfer Securities Lending is applicable, the Issuer will transfer equivalent securities in respect of the Replacement Collateral Assets to the Collateral Exchange Counterparty. Where the Collateral Exchange Counterparty is unable (after using commercially reasonable efforts) to transfer equivalent securities in respect of all or part of the Received Collateral to the Issuer in accordance with the provisions of the Collateral Exchange Agreement (such securities which are not transferred being "**Undelivered Equivalent Securities**"), the Collateral Exchange Counterparty will pay an amount equal to the fair market value (as determined by the Collateral Exchange Counterparty) of the relevant Undelivered Equivalent Securities to the Issuer in lieu of such delivery.



#### **DESCRIPTION OF THE CHARGED ASSETS - PART IV - DESCRIPTION OF THE COLLATERAL EXCHANGE AGREEMENT**

Upon the early termination of the Collateral Exchange Agreement upon the occurrence of an event of default thereunder in respect of the Issuer or the Collateral Exchange Counterparty or the early termination of the Swap Agreement due to an event of default thereunder in respect of the Issuer or the Swap Counterparty or the occurrence of an Event of Default in respect of the Secured Securities, there will be no further exchange of securities and instead a termination payment will be calculated in accordance with the terms of the Collateral Exchange Agreement which will be calculated by reference to the market value of the Received Collateral and the Replacement Collateral Assets (if any) including any further Replacement Collateral Assets which have been transferred to the Issuer as credit support by the Collateral Exchange Counterparty.

Upon the early termination of the Collateral Exchange Agreement due to the occurrence of an Early Redemption Event (other than in the circumstances set out immediately above or where Collateral Physical Settlement is applicable in respect of an Early Redemption Event and no Related Agreement Counterparty Default has occurred), the Issuer will sell its rights under the Collateral Exchange Agreement to receive equivalent securities in respect of the Received Collateral from the Collateral Exchange Counterparty and upon effecting such sale, save where Collateral Exchange One Way Transfer Securities Lending is applicable, the Issuer will transfer equivalent securities in respect of the Replacement Collateral Assets to the Collateral Exchange Counterparty.

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

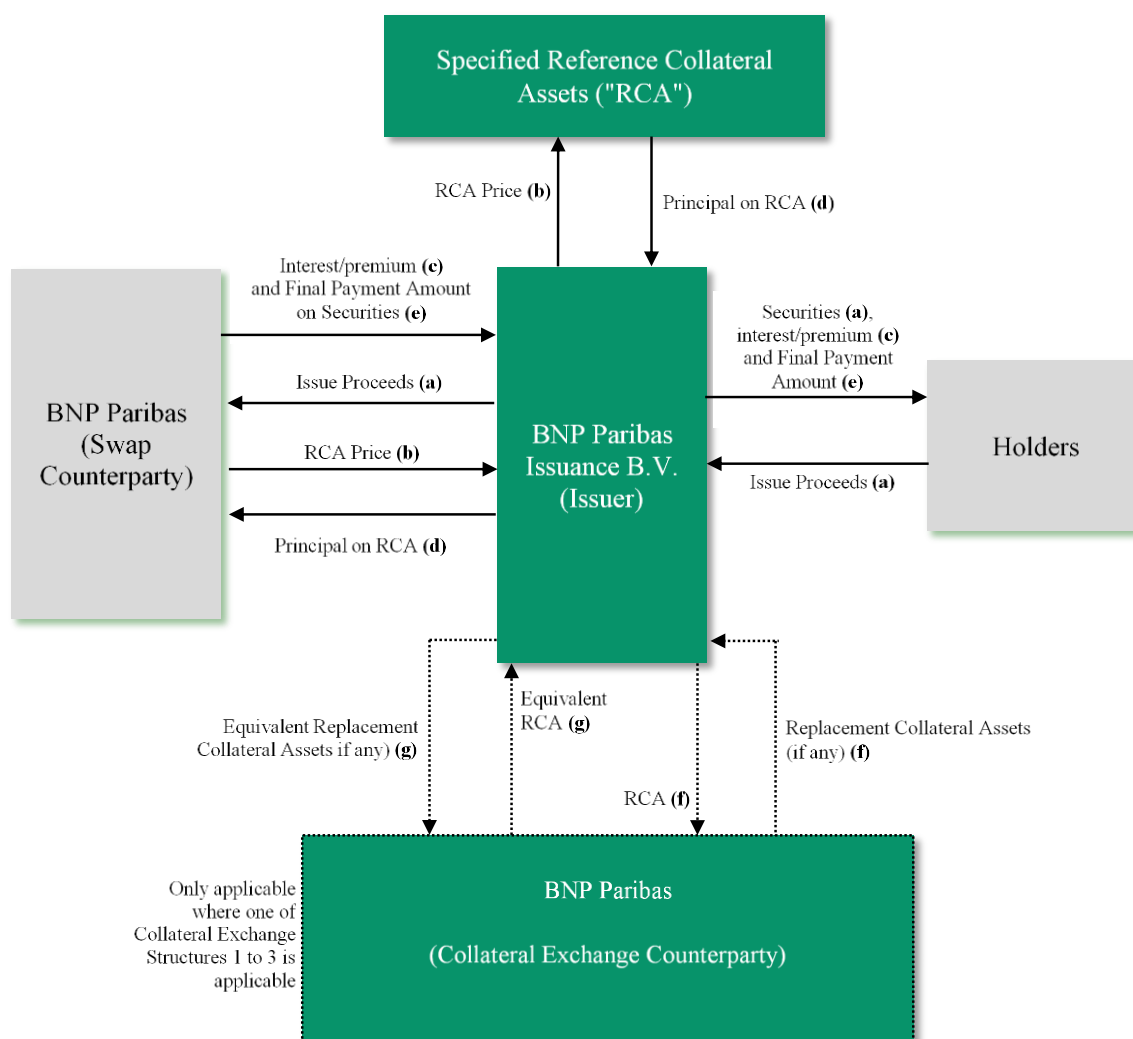
### CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

One of the following descriptions of the Charged Asset Structures will apply to the Secured Securities where Part C or Part D of Annex 13(Additional Terms and Conditions for Secured Securities) is specified in the applicable Final Terms.

The applicable Final Terms will specify the applicable Charged Asset Structure which applies provided that references to "Automatic Early Redemption Amount", "Automatic Early Redemption" and "or where Automatic Early Redemption is applicable", "Automatic Early Redemption Event (where applicable)" and associated references shall be ignored for the purposes of construing the Charged Asset Structures where Automatic Early Redemption does not apply to the relevant Secured Securities.

#### Charged Asset Structure 1

**Transaction Structure Diagram:** The diagram below is intended to provide an overview of the structure of the transaction that is the subject of Charged Asset Structure 1. Prospective investors should also review the detailed information set out elsewhere in this Base Prospectus for a description of the transaction structure and relevant cashflows prior to making any investment decision.



## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

### Key to Diagram

- (a) On Issue Date
- (b) On Initial Posting Date
- (c) On Interim Payment Date(s)
- (d) On Scheduled Final Bond Payment Date
- (e) On Final Payment Date
- (f) Following a request from the Collateral Exchange Counterparty
- (g) On Scheduled Exchange End Date

## 1. CHARGED ASSET STRUCTURE 1A - ZERO COUPON BOND AND SWAP AGREEMENT

### 1. General

- 1.1 On or before the Issue Date, the Issuer will enter into the Swap Agreement with the Swap Counterparty. On the Initial Reference Collateral Assets Purchase Date(s), the Issuer will purchase the Reference Collateral Assets.
- 1.2 For further details relating to the Swap Agreement, please see "Description of the Charged Assets – Part II – Description of the Swap Agreement".

### 2. Payments under the Swap Agreement

- 2.1 On or around the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the relevant series of Secured Securities and, on or before the Initial Reference Collateral Assets Purchase Date, the Swap Counterparty will pay one or more amounts to the Issuer in the relevant Reference Collateral Currency or Reference Collateral Currencies (where applicable) which is equal to the Reference Collateral Purchase Price of each of the Reference Collateral Issues comprised in the Reference Collateral Assets.
- 2.2 Where an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Event or Event of Default has occurred.
- 2.3 Where RCA Maturity Call is specified as applicable in the applicable Final Terms:
  - (a) on or around any RCA Maturity Call Option Date which relates to a redemption of the Reference Collateral Assets in part but not whole, the Issuer will pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the redemption proceeds due to be received by the Issuer in connection with such RCA Maturity Call Option Event provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
  - (b) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.4 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, on the Scheduled Final Bond Payment Date(s), the relevant RCA Issuer will pay to the Issuer the relevant Scheduled Final Bond Payment and, on or around such date, the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the relevant Scheduled Final Bond Payment due to be received by

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

- 2.5 On or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.6 The notional amount of the Swap Agreement and the aggregate nominal amount of the Reference Collateral Assets will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of the Swap Agreement will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any such repurchase and RCA Nominal Amount will be reduced in the same proportion as the Aggregate Issue Amount of the Secured Securities is reduced in connection with any purchase and cancellation of Secured Securities.
- 2.7 Payments under the Swap Agreement will only be made on Swap Business Days.
- 2.8 If so specified in the applicable Final Terms, a Credit Support Structure may apply to the Secured Securities.

### **3. Payments with respect to the Reference Collateral Assets**

- 3.1 On the Initial Reference Collateral Assets Purchase Date, the Issuer will use the amount(s) received from the Swap Counterparty under the Swap Agreement on or before such date to purchase the Reference Collateral Assets.
- 3.2 Where RCA Maturity Call is specified as applicable in the applicable Final Terms:
  - (a) on each RCA Maturity Call Option Date which is not the Final RCA Maturity Call Option Date, the RCA Issuer will pay an amount of principal in respect of the nominal amount of the Reference Collateral Assets held by the Issuer at such time which are being and the RCA Nominal Amount will be reduced by the nominal amount of the Reference Collateral Assets held by the Issuer which are redeemed; and
  - (b) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the RCA Issuer will pay to the Issuer an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 3.3 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, on the relevant Scheduled Final Bond Payment Date(s), the relevant RCA Issuer will pay to the Issuer the relevant Scheduled Final Bond Payment and, on or around such date, the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the relevant Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

### **4. Arrangements upon which payments to investors are dependent**

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraph 2 above in order to pay:

- (a) any Interim Payment Amount in respect of each outstanding Security; and/or
- (b) the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

### 2. CHARGED ASSET STRUCTURE 1B - ZERO COUPON BOND AND SWAP AGREEMENT - SECURITIES ARE BEING ISSUED WHICH ARE FUNGIBLE WITH EXISTING SECURITIES

#### 1. General

- 1.1 On the Original Issue Date, the Issuer entered into the Swap Agreement with the Swap Counterparty. On the Initial Reference Collateral Assets Purchase Date(s) in respect of the Applicable Tranche, the Issuer will purchase Reference Collateral Assets in a nominal amount equal to Additional Reference Collateral Amount (the "**Additional Reference Collateral Assets**").
- 1.2 For further details relating to the Swap Agreement, please see "Description of the Charged Assets – Part II – Description of the Swap Agreement".

#### 2. Payments under the Swap Agreement

- 2.1 On or around the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the Applicable Tranche and, on or before the Initial Reference Collateral Assets Purchase Date for the Applicable Tranche, the Swap Counterparty will pay one or more amounts to the Issuer in the relevant Reference Collateral Currency which is equal to the Reference Collateral Purchase Price of each of the Reference Collateral Issues comprised in the Additional Reference Collateral Assets.
- 2.2 Where an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Event or Event of Default has occurred.
- 2.3 Where RCA Maturity Call is specified as applicable in the applicable Final Terms:
- (a) on or around any RCA Maturity Call Option Date which relates to a redemption of the Reference Collateral Assets in part but not whole, the Issuer will pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the redemption proceeds due to be received by the Issuer in connection with such RCA Maturity Call Option Event provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
  - (b) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.4 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, on the Scheduled Final Bond Payment Date(s), the relevant RCA Issuer will pay to the Issuer the relevant Scheduled Final Bond Payment and, on or around such date, the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the relevant Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.5 On or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

2.6 The notional amount of the Swap Agreement and the aggregate nominal amount of the Reference Collateral Assets will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of the Swap Agreement will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any such repurchase and RCA Nominal Amount will be reduced in the same proportion as the Aggregate Issue Amount of the Secured Securities is reduced in connection with any purchase and cancellation of Secured Securities.

2.7 Payments under the Swap Agreement will only be made on Swap Business Days.

2.8 If so specified in the applicable Final Terms, a Credit Support Structure may apply to the Secured Securities.

### **3. Payments with respect to the Reference Collateral Assets**

3.1 On or around the Initial Reference Collateral Assets Purchase Date for the Applicable Tranche, the Issuer will use the amount received from the Swap Counterparty under the Swap Agreement to purchase the relevant Additional Reference Collateral Assets.

3.2 Where RCA Maturity Call is specified as applicable in the applicable Final Terms:

- (a) on each RCA Maturity Call Option Date which is not the Final RCA Maturity Call Option Date, the RCA Issuer will pay an amount of principal in respect of the nominal amount of the Reference Collateral Assets held by the Issuer at such time which are being and the RCA Nominal Amount will be reduced by the nominal amount of the Reference Collateral Assets held by the Issuer which are redeemed; and
- (b) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the RCA Issuer will pay to the Issuer an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

3.3 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, on the relevant Scheduled Final Bond Payment Date(s), the relevant RCA Issuer will pay to the Issuer the relevant Scheduled Final Bond Payment and, on or around such date, the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the relevant Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

### **4. Arrangements upon which payments to investors are dependent**

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraph 2 above in order to pay:

- (a) any Interim Payment Amount in respect of each outstanding Security; and/or
- (b) the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

### **3. CHARGED ASSET STRUCTURE 1C - ZERO COUPON BOND AND SWAP AGREEMENT AND COLLATERAL EXCHANGE STRUCTURE**

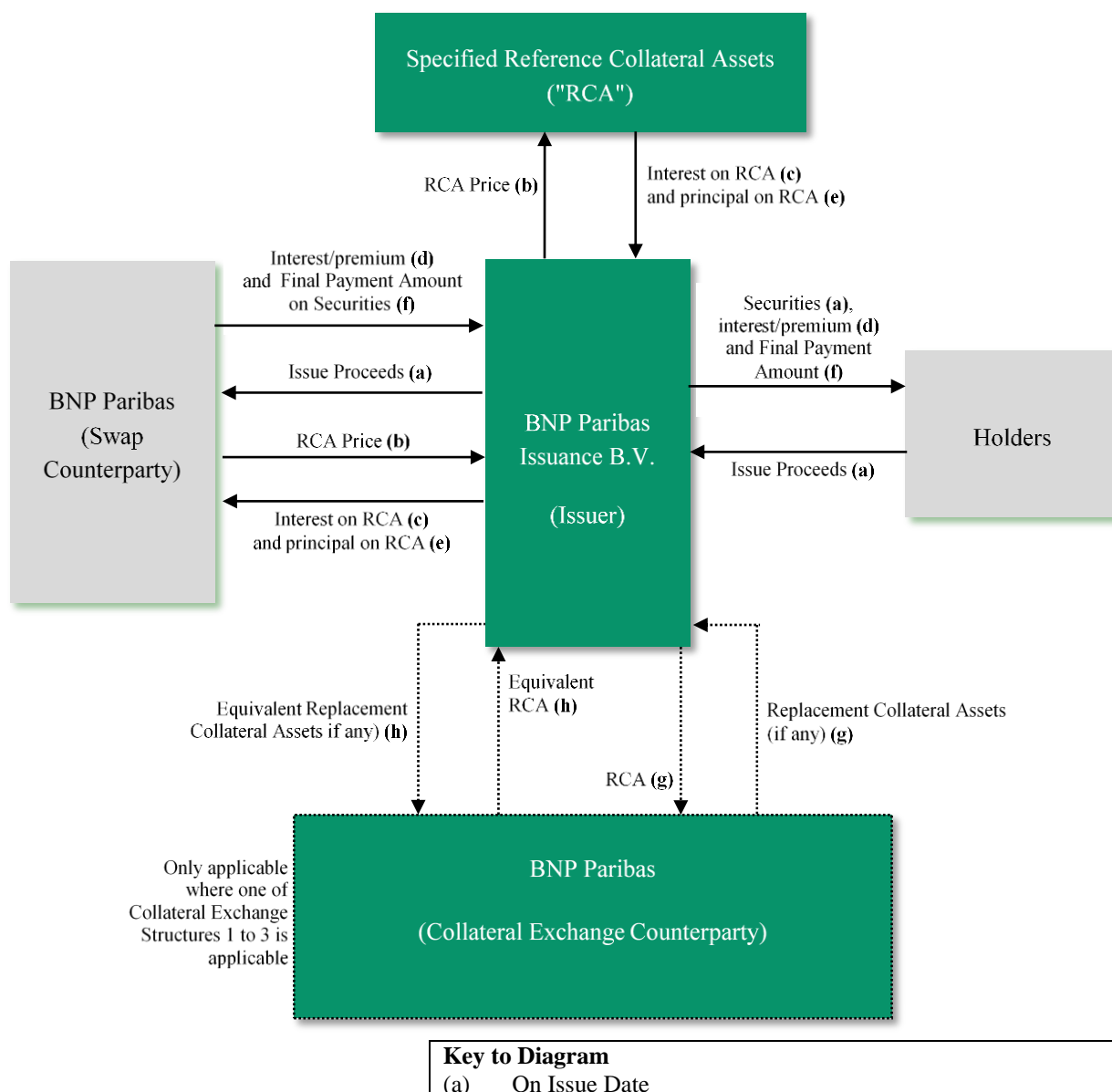
The terms of Charged Asset Structure 1A will apply and in addition a Collateral Exchange Structure will apply as specified in the Final Terms. For further details relating to the Collateral Exchange Agreement and Collateral Exchange Structures, please see "*Description of the Charged Assets – Part IV – Description of the Collateral Exchange Agreement*" and "*Description of the Charged Assets – Part VI – Description of the Collateral Exchange Structures*".

**4. CHARGED ASSET STRUCTURE 1D - ZERO COUPON BOND AND SWAP AGREEMENT - SECURITIES ARE BEING ISSUED WHICH ARE FUNGIBLE WITH EXISTING SECURITIES AND COLLATERAL EXCHANGE STRUCTURE**

The terms of Charged Asset Structure 1B will apply and in addition a Collateral Exchange Structure will apply as specified in the Final Terms. For further details relating to the Collateral Exchange Agreement and Collateral Exchange Structures, please see "Description of the Charged Assets – Part IV – Description of the Collateral Exchange Agreement" and "Description of the Charged Assets – Part VI – Description of the Collateral Exchange Structures".

**Charged Asset Structure 2**

**Transaction Structure Diagram:** The diagram below is intended to provide an overview of the structure of the transaction that is the subject of Charged Asset Structure 2. Prospective investors should also review the detailed information set out elsewhere in this Base Prospectus for a description of the transaction structure and relevant cashflows prior to making any investment decision.



## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

(b)	On Initial Posting Date
(c)	On Reference Collateral Interest Payment Date(s)
(d)	On Interim Payment Date(s)
(e)	On Scheduled Final Bond Payment Date
(f)	On Final Payment Date
(g)	Following a request from the Collateral Exchange Counterparty
(h)	On Scheduled Exchange End Date

### 1. CHARGED ASSET STRUCTURE 2A - INTEREST BEARING REFERENCE COLLATERAL ASSETS AND SWAP AGREEMENT

#### 1. General

- 1.1 On or before the Issue Date, the Issuer will enter into the Swap Agreement with the Swap Counterparty. On the Initial Reference Collateral Assets Purchase Date(s), the Issuer will purchase the Reference Collateral Assets.
- 1.2 For further details relating to the Swap Agreement, please see "*Description of the Charged Assets – Part II – Description of the Swap Agreement*".

#### 2. Payments under the Swap Agreement

- 2.1 On, or around, the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the relevant series of Secured Securities and, on or before the Initial Reference Collateral Assets Purchase Date, the Swap Counterparty will pay one or more amounts to the Issuer in the relevant Reference Collateral Currency or Reference Collateral Currencies (where applicable) which is equal to the Reference Collateral Purchase Price of each of the Reference Collateral Issues comprised in the Reference Collateral Assets.
- 2.2 Where Recovery Access is specified as applicable in the applicable Final Terms, on, or around, each Reference Collateral Interest Payment Date the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the scheduled Reference Collateral Coupon Amount (if any) due to be paid on such Reference Collateral Interest Payment Date (if any) provided that no Early Redemption Event or Event of Default has occurred.
- 2.3 Where Recovery Access is not specified as applicable in the applicable Final Terms, on, or around, each Reference Collateral Interest Payment Date, the Issuer will pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the Reference Collateral Coupon Amount received by the Issuer on the Reference Collateral Interest Payment Date provided that no Early Redemption Event or Event of Default has occurred.
- 2.4 If an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Event or Event of Default has occurred.
- 2.5 Where RCA Maturity Call is specified as applicable in the applicable Final Terms:
- (a) on or around any RCA Maturity Call Option Date which relates to a redemption of the Reference Collateral Assets in part but not whole, the Issuer will pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the redemption proceeds due to be received by the Issuer in connection with such RCA Maturity Call Option Event provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and



## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

- (b) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

- 2.6 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, on the Scheduled Final Bond Payment Date(s), the RCA Issuer will pay to the Issuer the Scheduled Final Bond Payment and, on or around such date, the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.7 On or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.8 The notional amount of the Swap Agreement and the aggregate nominal amount of the Reference Collateral Assets will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of the Swap Agreement will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any such repurchase and the RCA Nominal Amount will be reduced in the same proportion as the Aggregate Issue Amount of the Secured Securities is reduced in connection with any purchase and cancellation of Secured Securities.
- 2.9 Payments under the Swap Agreement will only be made on Swap Business Days.
- 2.10 If so specified in the applicable Final Terms, a Credit Support Structure may apply to the Secured Securities.

### **3. Payments under the Reference Collateral Assets**

- 3.1 On or around the Initial Reference Collateral Assets Purchase Date, the Issuer will use the amount received from the Swap Counterparty under the Swap Agreement to purchase the Reference Collateral Assets.
- 3.2 On each Reference Collateral Interest Payment Date, the relevant RCA Issuer will pay an amount of interest to the Issuer in respect of the nominal amount of the relevant Reference Collateral Assets held by the Issuer at such time.
- 3.3 Where the RCA Maturity Call is specified as applicable in the applicable Final Terms:
  - (a) on each RCA Maturity Call Option Date which is not the Final RCA Maturity Call Option Date, the RCA Issuer will pay an amount of principal and accrued interest thereon in respect of the nominal amount of the Reference Collateral Assets held by the Issuer at such time which are being redeemed and the RCA Nominal Amount will be reduced by the nominal amount of the Reference Collateral Assets held by the Issuer which are redeemed; and
  - (b) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the RCA Issuer will pay to the Issuer an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 3.4 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, on the relevant Scheduled Final Bond Payment Date(s), the relevant RCA Issuer will pay to the Issuer the relevant Scheduled Final Bond

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

Payment and, on or around such date, the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the relevant Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

### 4. Arrangements upon which payments to investors are dependent

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraph 2 above in order to pay (where applicable):

- (a) any Interim Payment Amount in respect of each outstanding Security; and/or
- (b) the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

## 2. CHARGED ASSET STRUCTURE 2B - INTEREST BEARING REFERENCE COLLATERAL ASSETS AND SWAP AGREEMENT - SECURITIES ARE BEING ISSUED WHICH ARE FUNGIBLE WITH EXISTING SECURITIES

### 1. General

- 1.1 On the Original Issue Date, the Issuer entered into the Swap Agreement with the Swap Counterparty. On the Initial Reference Collateral Assets Purchase Date(s) in respect of the Applicable Tranche, the Issuer will purchase Reference Collateral Assets in a nominal amount equal to Additional Reference Collateral Amount (the "**Additional Reference Collateral Assets**").
- 1.2 For further details relating to the Swap Agreement, please see "Description of the Charged Assets – Part II – Description of the Swap Agreement".

### 2. Payments under the Swap Agreement

- 2.1 On or around the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the Applicable Tranche and, on or before the Initial Reference Collateral Assets Purchase Date for the Applicable Tranche, the Swap Counterparty will pay one or more amounts to the Issuer in the relevant Reference Collateral Currency which is equal to the Reference Collateral Purchase Price of each of the Reference Collateral Issues comprised in the Additional Reference Collateral Assets.
- 2.2 Where Recovery Access is specified as applicable in the applicable Final Terms, on, or around, each Reference Collateral Interest Payment Date the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the scheduled Reference Collateral Coupon Amount (if any) due to be paid on such Reference Collateral Interest Payment Date (if any) provided that no Early Redemption Event or Event of Default has occurred.
- 2.3 Where Recovery Access is not specified as applicable in the applicable Final Terms, on or around, each Reference Collateral Interest Payment Date, the Issuer will pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the Reference Collateral Coupon Amount received by the Issuer on the Reference Collateral Interest Payment Date provided that no Early Redemption Event or Event of Default has occurred.
- 2.4 If an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Event or Event of Default has occurred.

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

- 2.5 Where RCA Maturity Call is specified as applicable in the applicable Final Terms:
- (a) on or around any RCA Maturity Call Option Date which relates to a redemption of the Reference Collateral Assets in part but not whole, the Issuer will pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the redemption proceeds due to be received by the Issuer in connection with such RCA Maturity Call Option Event provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
  - (b) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.6 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, on the Scheduled Final Bond Payment Date(s), the RCA Issuer will pay to the Issuer the Scheduled Final Bond Payment and, on or around such date, the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.7 On or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.8 The notional amount of the Swap Agreement and the aggregate nominal amount of the Reference Collateral Assets will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of the Swap Agreement will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any such repurchase and the RCA Nominal Amount will be reduced in the same proportion as the Aggregate Issue Amount of the Secured Securities is reduced in connection with any purchase and cancellation of Secured Securities.
- 2.9 Payments under the Swap Agreement will only be made on Swap Business Days.
- 2.10 If so specified in the applicable Final Terms, a Credit Support Structure may apply to the Secured Securities.
- 3. Payments under the Reference Collateral Assets**
- 3.1 On or around the Initial Reference Collateral Assets Purchase Date for the Applicable Tranche, the Issuer will use the amount received from the Swap Counterparty under the Swap Agreement to purchase the relevant Additional Reference Collateral Assets.
- 3.2 On each Reference Collateral Interest Payment Date, the relevant RCA Issuer will pay an amount of interest to the Issuer in respect of the nominal amount of the relevant Reference Collateral Assets held by the Issuer at such time.
- 3.3 Where RCA Maturity Call is specified as applicable in the applicable Final Terms:
- (a) on each RCA Maturity Call Option Date which is not the Final RCA Maturity Call Option Date, the RCA Issuer will pay an amount of principal and accrued interest thereon in respect of the nominal amount of the Reference Collateral Assets held by the Issuer at such time which are being redeemed

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

and the RCA Nominal Amount will be reduced by the nominal amount of the Reference Collateral Assets held by the Issuer which are redeemed; and

- (b) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the RCA Issuer will pay to the Issuer an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

- 3.4 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, on the relevant Scheduled Final Bond Payment Date(s), the relevant RCA Issuer will pay to the Issuer the relevant Scheduled Final Bond Payment and, on or around such date, the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the relevant Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

### 4. Arrangements upon which payments to investors are dependent

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraph 2 above in order to pay (where applicable):

- (a) any Interim Payment Amount in respect of each outstanding Security; and/or
- (b) the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

## 3. CHARGED ASSET STRUCTURE 2C - INTEREST BEARING REFERENCE COLLATERAL ASSETS AND SWAP AGREEMENT AND COLLATERAL EXCHANGE STRUCTURE

### 1. General

- 1.1 On or before the Issue Date, the Issuer will enter into the Swap Agreement with the Swap Counterparty. On the Initial Reference Collateral Assets Purchase Date(s), the Issuer will purchase the Reference Collateral Assets.
- 1.2 For further details relating to the Swap Agreement, please see "*Description of the Charged Assets – Part II – Description of the Swap Agreement*".
- 1.3 For further details relating to the Collateral Exchange Agreement and Collateral Exchange Structures, please see "*Description of the Charged Assets – Part IV – Description of the Collateral Exchange Agreement*" and "*Description of the Charged Assets – Part VI – Description of the Collateral Exchange Structures*".

### 2. Payments under the Swap Agreement

- 2.1 On, or around, the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the relevant series of Secured Securities and, on or before the Initial Reference Collateral Assets Purchase Date, the Swap Counterparty will pay one or more amounts to the Issuer in the relevant Reference Collateral Currency or Reference Collateral Currencies (where applicable) which is equal to the Reference Collateral Purchase Price of each of the Reference Collateral Issues comprised in the Reference Collateral Assets.
- 2.2 Where Recovery Access is specified as applicable in the applicable Final Terms, on, or around, each Reference Collateral Interest Payment Date the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the scheduled Reference Collateral Coupon Amount (if any) due to be paid on such Reference Collateral Interest Payment Date (if any) and/or, where a Collateral Exchange has taken place in respect of all or part of the relevant Reference Collateral Assets, scheduled to be received by the Issuer

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

from the Collateral Exchange Counterparty, provided that no Early Redemption Event or Event of Default has occurred.

- 2.3 Where Recovery Access is not specified as applicable in the applicable Final Terms, on or around, each Reference Collateral Interest Payment Date, the Issuer will pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the Reference Collateral Coupon Amount received by the Issuer on the Reference Collateral Interest Payment Date and/or, where a Collateral Exchange has taken place in respect of all or part of the relevant Reference Collateral Assets, received by the Issuer from the Collateral Exchange Counterparty provided that no Early Redemption Event or Event of Default has occurred.
- 2.4 If an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Event or Event of Default has occurred.
- 2.5 Where RCA Maturity Call is specified as applicable in the applicable Final Terms:
- (a) on or around any RCA Maturity Call Option Date which relates to a redemption of the Reference Collateral Assets in part but not whole, the Issuer will pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the redemption proceeds due to be received by the Issuer in connection with such RCA Maturity Call Option Event provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
  - (b) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.6 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, on the Scheduled Final Bond Payment Date(s), the RCA Issuer will pay to the Issuer the Scheduled Final Bond Payment and, on or around such date, the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.7 On or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.8 The notional amount of the Swap Agreement and the aggregate nominal amount of the Reference Collateral Assets will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of the Swap Agreement will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any such repurchase and the RCA Nominal Amount will be reduced in the same proportion as the Aggregate Issue Amount of the Secured Securities is reduced in connection with any purchase and cancellation of Secured Securities.
- 2.9 Payments under the Swap Agreement will only be made on Swap Business Days.
- 2.10 If so specified in the applicable Final Terms, a Credit Support Structure may apply to the Secured Securities.

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

### 3. Payments under the Reference Collateral Assets

- 3.1 On or around the Initial Reference Collateral Assets Purchase Date, the Issuer will use the amount received from the Swap Counterparty under the Swap Agreement to purchase the Reference Collateral Assets.
- 3.2 On each Reference Collateral Interest Payment Date, subject to a Collateral Exchange not having taken place, the relevant RCA Issuer will pay an amount of interest to the Issuer in respect of the nominal amount of the relevant Reference Collateral Assets held by the Issuer at such time.
- 3.3 Where RCA Maturity Call is specified as applicable in the applicable Final Terms:
- (a) on each RCA Maturity Call Option Date which is not the Final RCA Maturity Call Option Date, the RCA Issuer will pay an amount of principal and accrued interest thereon in respect of the nominal amount of the Reference Collateral Assets held by the Issuer at such time which are being redeemed and the RCA Nominal Amount will be reduced by the nominal amount of the Reference Collateral Assets held by the Issuer which are redeemed; and
  - (b) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the RCA Issuer will pay to the Issuer an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 3.4 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, on the relevant Scheduled Final Bond Payment Date(s), the relevant RCA Issuer will pay to the Issuer the relevant Scheduled Final Bond Payment and, on or around such date, the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the relevant Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

### 4. Arrangements upon which payments to investors are dependent

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraph 2 above in order to pay (where applicable):

- (a) any Interim Payment Amount in respect of each outstanding Security; and/or
- (b) the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

## 2. CHARGED ASSET STRUCTURE 2D - INTEREST BEARING REFERENCE COLLATERAL ASSETS AND SWAP AGREEMENT - SECURITIES ARE BEING ISSUED WHICH ARE FUNGIBLE WITH EXISTING SECURITIES AND COLLATERAL EXCHANGE STRUCTURE

### 1. General

- 1.1 On the Original Issue Date, the Issuer entered into the Swap Agreement with the Swap Counterparty. On the Initial Reference Collateral Assets Purchase Date(s) in respect of the Applicable Tranche, the Issuer will purchase Reference Collateral Assets in a nominal amount equal to Additional Reference Collateral Amount (the "**Additional Reference Collateral Assets**").
- 1.2 For further details relating to the Swap Agreement, please see "*Description of the Charged Assets – Part II – Description of the Swap Agreement*".

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

- 1.3 For further details relating to the Collateral Exchange Agreement and Collateral Exchange Structures, please see *"Description of the Charged Assets – Part IV – Description of the Collateral Exchange Agreement"* and *"Description of the Charged Assets – Part VI – Description of the Collateral Exchange Structures"*.

### 2. Payments under the Swap Agreement

- 2.1 On or around the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the Applicable Tranche and, on or before the Initial Reference Collateral Assets Purchase Date for the Applicable Tranche, the Swap Counterparty will pay one or more amounts to the Issuer in the relevant Reference Collateral Currency which is equal to the Reference Collateral Purchase Price of each of the Reference Collateral Issues comprised in the Additional Reference Collateral Assets.
- 2.2 Where Recovery Access is specified as applicable in the applicable Final Terms, on, or around, each Reference Collateral Interest Payment Date the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the scheduled Reference Collateral Coupon Amount (if any) due to be paid on such Reference Collateral Interest Payment Date (if any) and/or, where a Collateral Exchange has taken place in respect of all or part of the relevant Reference Collateral Assets, scheduled to be received by the Issuer from the Collateral Exchange Counterparty provided that no Early Redemption Event or Event of Default has occurred.
- 2.3 Where Recovery Access is not specified as applicable in the applicable Final Terms, on or around, each Reference Collateral Interest Payment Date, the Issuer will pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the Reference Collateral Coupon Amount received by the Issuer on the Reference Collateral Interest Payment Date, or where a Collateral Exchange has taken place in respect of all or part of the relevant Reference Collateral Assets, received by the Issuer from the Collateral Exchange Counterparty provided that no Early Redemption Event or Event of Default has occurred.
- 2.4 If an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Event or Event of Default has occurred.
- 2.5 Where RCA Maturity Call is specified as applicable in the applicable Final Terms:
- (a) on or around any RCA Maturity Call Option Date which relates to a redemption of the Reference Collateral Assets in part but not whole, the Issuer will pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the redemption proceeds due to be received by the Issuer in connection with such RCA Maturity Call Option Event provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
  - (b) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.6 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, on the Scheduled Final Bond Payment Date(s), the RCA Issuer will pay to the Issuer the Scheduled Final Bond Payment and, on or around such date, the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

## **CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES**

- 2.7 On or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.8 The notional amount of the Swap Agreement and the aggregate nominal amount of the Reference Collateral Assets will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of the Swap Agreement will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any such repurchase and the RCA Nominal Amount will be reduced in the same proportion as the Aggregate Issue Amount of the Secured Securities is reduced in connection with any purchase and cancellation of Secured Securities.
- 2.9 Payments under the Swap Agreement will only be made on Swap Business Days.
- 2.10 If so specified in the applicable Final Terms, a Credit Support Structure may apply to the Secured Securities.

### **3. Payments under the Reference Collateral Assets**

- 3.1 On or around the Initial Reference Collateral Assets Purchase Date for the Applicable Tranche, the Issuer will use the amount received from the Swap Counterparty under the Swap Agreement to purchase the relevant Additional Reference Collateral Assets.
- 3.2 On each Reference Collateral Interest Payment Date, subject to a Collateral Exchange not having taken place (where applicable), the relevant RCA Issuer will pay an amount of interest to the Issuer in respect of the nominal amount of the relevant Reference Collateral Assets held by the Issuer at such time.
- 3.3 Where RCA Maturity Call is specified as applicable in the applicable Final Terms:
  - (a) on each RCA Maturity Call Option Date which is not the Final RCA Maturity Call Option Date, the RCA Issuer will pay an amount of principal and accrued interest thereon in respect of the nominal amount of the Reference Collateral Assets held by the Issuer at such time which are being redeemed and the RCA Nominal Amount will be reduced by the nominal amount of the Reference Collateral Assets held by the Issuer which are redeemed; and
  - (b) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the RCA Issuer will pay to the Issuer an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 3.4 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, on the relevant Scheduled Final Bond Payment Date(s), the relevant RCA Issuer will pay to the Issuer the relevant Scheduled Final Bond Payment and, on or around such date, the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the relevant Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

### **4. Arrangements upon which payments to investors are dependent**

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraph 2 above in order to pay (where applicable):

- (a) any Interim Payment Amount in respect of each outstanding Security; and/or

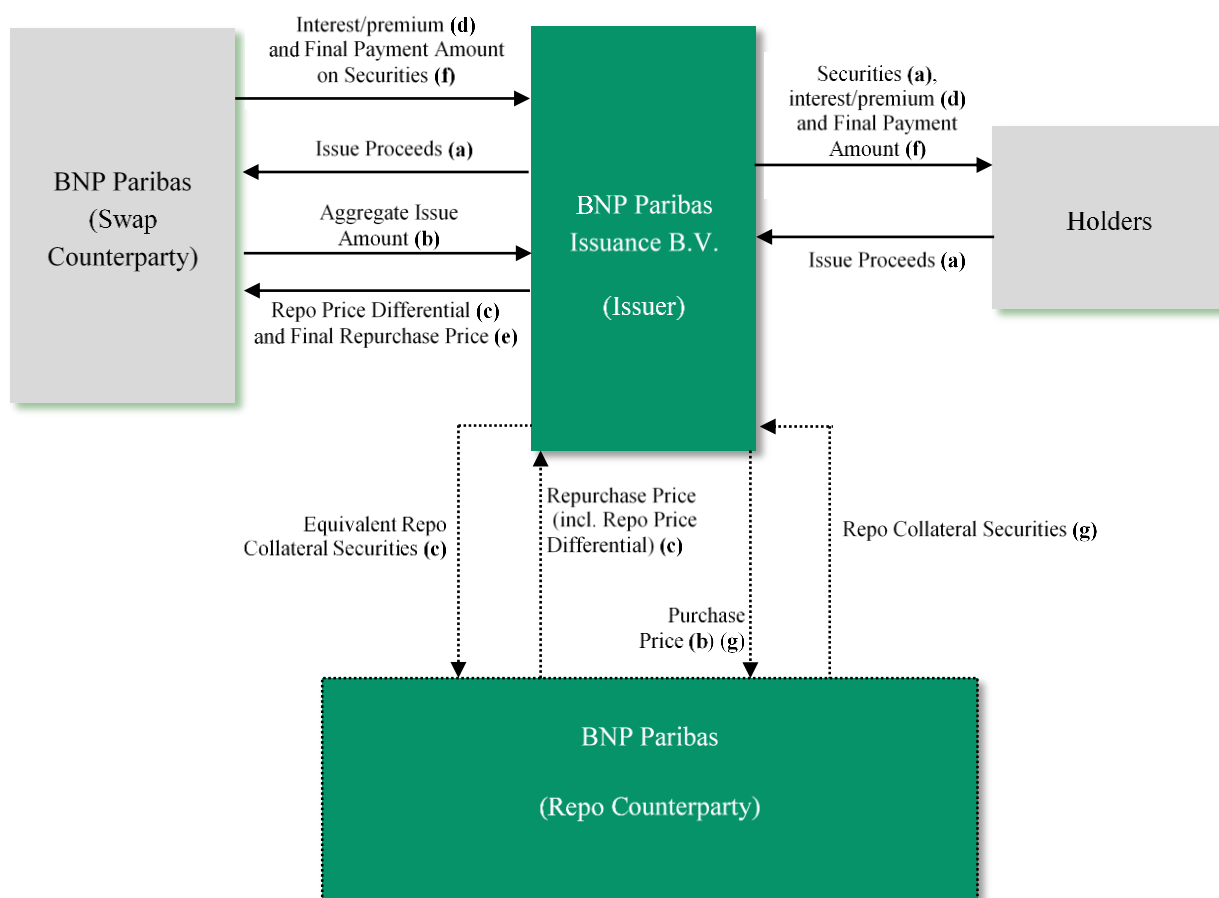


## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

(b) the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

### Charged Asset Structure 3

**Transaction Structure Diagram:** The diagram below is intended to provide an overview of the structure of the transaction that is the subject of Charged Asset Structure 3. Prospective investors should also review the detailed information set out elsewhere in this Base Prospectus for a description of the transaction structure and relevant cashflows prior to making any investment decision.



#### Key to Diagram

- (a) On Issue Date
- (b) On Initial Posting Date
- (c) On each Repurchase Date
- (d) On Interim Payment Date(s)
- (e) On Final Repo Date
- (f) On Final Payment Date
- (g) On each Purchase Date

## 1. CHARGED ASSET STRUCTURE 3A - REPURCHASE AGREEMENT AND SWAP AGREEMENT

### 1. General

- 1.1 On or before the Issue Date, the Issuer will enter into the Swap Agreement with the Swap Counterparty and the Repurchase Agreement with the Repo Counterparty.

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

- 1.2 For further details relating to the Swap Agreement, please see "*Description of the Charged Assets – Part II – Description of the Swap Agreement*" and for further details relating to the Repurchase Agreement, please see "*Description of the Charged Assets – Part III – Description of the Repurchase Agreement*".

### 2. Payments under the Repurchase Agreement

- 2.1 On the Initial Repo Purchase Date, the Issuer will use the amount received from the Swap Counterparty under the Swap Agreement to purchase Repo Collateral Securities with a value equal to the Aggregate Issue Amount (or the Reference Collateral Currency Equivalent thereof) pursuant to the Repurchase Agreement (the "**Purchase Price**").
- 2.2 On each Repurchase Date under the Repurchase Agreement, the Repo Counterparty will pay, as part of the Repurchase Price, an amount of price differential to the Issuer in respect of the Repo Transaction which has just terminated (each such amount, the "**Repo Price Differential**").
- 2.3 On the Final Repo Date, the Repo Counterparty will pay to the Issuer the Final Repurchase Price Payment and the Issuer will pay an amount (if any) to the Swap Counterparty in the currency in which the Repurchase Agreement is denominated equal to the Final Repurchase Price Payment received by the Issuer on the Final Repo Date provided that no Automatic Early Redemption Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.4 If, on any Automatic Early Redemption Valuation Date, an Automatic Early Redemption Event occurs provided that no Early Redemption Event or Event of Default has occurred:
- (a) a Repurchase Date will occur on or before the relevant Automatic Early Redemption Date and the Repo Counterparty will on the Repurchase Date pay an amount to the Issuer which will be equal to the relevant Repurchase Price, provided that no Early Redemption Event or Event of Default has occurred; and
  - (b) the Issuer will pay to the Swap Counterparty an amount (if any) in the currency in which the Repurchase Agreement is denominated equal to the amount received by the Issuer under the Repurchase Agreement from the Repo Counterparty on or around the Automatic Early Redemption Date.
- 2.5 Where the Issuer purchases Secured Securities and sells Equivalent Securities in respect of some or all of the Repo Collateral Securities to the Repo Counterparty in order to fund such purchase, a fee in addition to the relevant Purchase Price or Repurchase Price (as applicable) may be payable by the Issuer to the Repo Counterparty or by the Repo Counterparty to the Issuer depending on prevailing market conditions.
- 2.6 Where the Issuer purchases Secured Securities, a Repurchase Date shall occur with respect to the proportion of the Repurchase Agreement equal to the aggregate Notional Amount of Secured Securities being purchased (the "**Purchased Proportion**") and accrued Price Differential will be reflected in the Repurchase Price paid by the Repo Counterparty to the Issuer in respect of the Purchased Proportion immediately following any such repurchase.

### 3. Payments under the Swap Agreement

- 3.1 On or around the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the relevant series of Secured Securities and on or before the Initial Repo Purchase Date the Swap Counterparty will pay an amount to the Issuer which is equal to the initial purchase price payable by the Issuer under the Repurchase Agreement.

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

- 3.2 On each Repurchase Date the Issuer will pay an amount to the Swap Counterparty equal to the Repo Price Differential (if any) due to be received by the Issuer on such date provided that no Automatic Early Redemption Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 3.3 If an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Automatic Early Redemption Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 3.4 On or around the Final Repo Date, the Issuer will pay to the Swap Counterparty an amount (if any) in the currency in which the Repurchase Agreement is denominated equal to the Final Repurchase Price Payment received by the Issuer on the Final Repo Date.
- 3.5 On or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Automatic Early Redemption Event (where applicable), Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 3.6 If, on any Automatic Early Redemption Valuation Date, an Automatic Early Redemption Event occurs provided that no Early Redemption Event or Event of Default has occurred:
- (a) the Swap Counterparty will on or prior to the relevant Automatic Early Redemption Date pay an amount to the Issuer which will be equal to the relevant Aggregate Automatic Early Redemption Amount, provided that no Early Redemption Event or Event of Default has occurred; and
  - (b) the Issuer will pay to the Swap Counterparty an amount (if any) in the currency in which the Repurchase Agreement is denominated equal to the amount received by the Issuer under the Repurchase Agreement from the Repo Counterparty on or around the Automatic Early Redemption Date.
- 3.7 The notional amount of the Swap Agreement will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of the Swap Agreement at any time will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding.
- 3.8 Payments under the Swap Agreement will only be made on Swap Business Days.
- 3.9 If so specified in the applicable Final Terms, one or more Credit Support Structures may apply to the Swap Agreement.

### **4. Arrangements upon which payments to investors are dependent**

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraph 3 above in order to pay (where applicable):

- (a) the Automatic Early Redemption Amount in respect of each outstanding Security;
- (b) any Interim Payment Amount in respect of each outstanding Security; and/or
- (c) the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

### 2. CHARGED ASSET STRUCTURE 3B - REPURCHASE AGREEMENT AND SWAP AGREEMENT - SECURITIES ARE BEING ISSUED WHICH ARE FUNGIBLE WITH EXISTING SECURITIES

#### 1. General

- 1.1 On the Original Issue Date, the Issuer entered into the Swap Agreement with the Swap Counterparty and the Repurchase Agreement with the Repo Counterparty.
- 1.2 For further details relating to the Swap Agreement, please see "*Description of the Charged Assets – Part II – Description of the Swap Agreement*" and for further details relating to the Repurchase Agreement, please see "*Description of the Charged Assets – Part III – Description of the Repurchase Agreement*".

#### 2. Payments under the Repurchase Agreement

- 2.1 On the Further Initial Repo Purchase Date, the Issuer will use the amount received from the Swap Counterparty under the Swap Agreement to purchase additional Repo Collateral Securities with a value equal to the Applicable Tranche Issue Amount (or the Reference Collateral Currency Equivalent thereof) pursuant to the Repurchase Agreement.
- 2.2 On each Repurchase Date under the Repurchase Agreement, the Repo Counterparty will pay, as part of the Repurchase Price, an amount of price differential to the Issuer in respect of the Repo Transaction which has just terminated (each such amount, the "**Repo Price Differential**").
- 2.3 On the Final Repo Date, the Repo Counterparty will pay to the Issuer the Final Repurchase Price Payment and the Issuer will pay an amount (if any) to the Swap Counterparty in the currency in which the Repurchase Agreement is denominated equal to the Final Repurchase Price Payment received by the Issuer on the Final Repo Date provided that no Automatic Early Redemption Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.4 If, on any Automatic Early Redemption Valuation Date, an Automatic Early Redemption Event occurs provided that no Early Redemption Event or Event of Default has occurred:
  - (a) a Repurchase Date will occur on or before the relevant Automatic Early Redemption Date and the Repo Counterparty will on the Repurchase Date pay an amount to the Issuer which will be equal to the relevant Repurchase Price, provided that no Early Redemption Event or Event of Default has occurred; and
  - (b) the Issuer will pay to the Swap Counterparty an amount (if any) in the currency in which the Repurchase Agreement is denominated equal to the amount received by the Issuer under the Repurchase Agreement from the Repo Counterparty on or around the Automatic Early Redemption Date.
- 2.5 Where the Issuer purchases Secured Securities and sells Equivalent Securities in respect of some or all of the Repo Collateral Securities to the Repo Counterparty in order to fund such purchase, a fee in addition to the relevant Purchase Price or Repurchase Price (as applicable) may be payable by the Issuer to the Repo Counterparty or by the Repo Counterparty to the Issuer depending on prevailing market conditions.
- 2.6 Where the Issuer purchases Secured Securities, a Repurchase Date shall occur with respect to the proportion of the Repurchase Agreement equal to the aggregate Notional Amount of Secured Securities being purchased (the "**Purchased Proportion**") and accrued Price Differential will be reflected in the Repurchase Price paid by the Repo Counterparty to the Issuer in respect of the Purchased Proportion immediately following any such repurchase.

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

### 3. Payments under the Swap Agreement

- 3.1 On or around the Original Issue Date, the Issuer paid an amount to the Swap Counterparty which is equal to the net issue proceeds of the relevant series of Secured Securities on the Original Issue Date and on or before the Initial Repo Purchase Date the Swap Counterparty paid an amount to the Issuer which was equal to the initial purchase price payable by the Issuer under the Repurchase Agreement on the Initial Repo Purchase Date. On or around the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the Applicable Tranche and on or before the Further Initial Repo Purchase Date the Swap Counterparty will pay an amount to the Issuer which is equal to the initial purchase price payable by the Issuer in respect of the additional Repo Collateral Securities under the Repurchase Agreement.
- 3.2 On each Repurchase Date the Issuer will pay an amount to the Swap Counterparty equal to the Repo Price Differential (if any) due to be received by the Issuer on such date provided that no Automatic Early Redemption Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 3.3 If an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Automatic Early Redemption Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 3.4 On or around the Final Repo Date, the Issuer will pay to the Swap Counterparty an amount (if any) in the currency in which the Repurchase Agreement is denominated equal to the Final Repurchase Price Payment received by the Issuer on the Final Repo Date.
- 3.5 On or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Automatic Early Redemption Event (where applicable), Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 3.6 If, on any Automatic Early Redemption Valuation Date, an Automatic Early Redemption Event occurs provided that no Early Redemption Event or Event of Default has occurred:
- (a) the Swap Counterparty will on or prior to the relevant Automatic Early Redemption Date pay an amount to the Issuer which will be equal to the relevant Aggregate Automatic Early Redemption Amount, provided that no Early Redemption Event or Event of Default has occurred; and
  - (b) the Issuer will pay to the Swap Counterparty an amount (if any) in the currency in which the Repurchase Agreement is denominated equal to the amount received by the Issuer under the Repurchase Agreement from the Repo Counterparty on or around the Automatic Early Redemption Date.
- 3.7 The notional amount of the Swap Agreement will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of the Swap Agreement at any time will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding
- 3.8 Payments under the Swap Agreement will only be made on Swap Business Days.
- 3.9 If so specified in the applicable Final Terms, one or more Credit Support Structures may apply to the Swap Agreement.

### 4. Arrangements upon which payments to investors are dependent

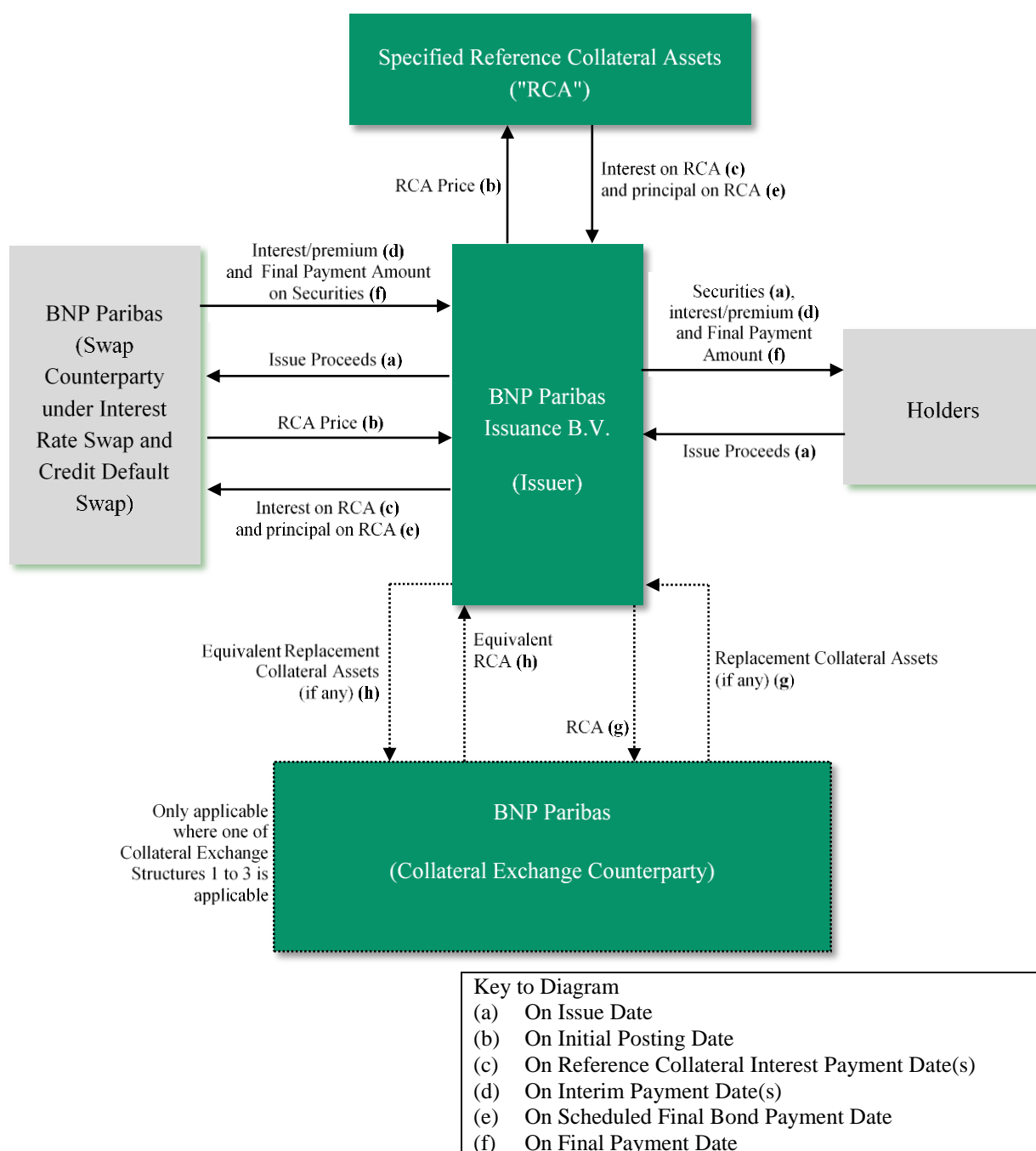
The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraph 3 above in order to pay (where applicable):

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

- (a) the Automatic Early Redemption Amount in respect of each outstanding Security;
- (b) any Interim Payment Amount in respect of each outstanding Security; and/or
- (c) the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

### Charged Asset Structure 4

**Transaction Structure Diagram:** The diagram below is intended to provide an overview of the structure of the transaction that is the subject of Charged Asset Structure 4. Prospective investors should also review the detailed information set out elsewhere in this Base Prospectus for a description of the transaction structure and relevant cashflows prior to making any investment decision.



## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

(g)	Following a request from the Collateral Exchange Counterparty
(h)	On Scheduled Exchange End Date

### 1. CHARGED ASSET STRUCTURE 4A - INTEREST BEARING REFERENCE COLLATERAL ASSETS AND CDS STRUCTURE

#### 1. General

1.1 On or before the Issue Date, the Issuer will enter into the Interest Rate Swap and Credit Default Swap with the Swap Counterparty. On the Initial Reference Collateral Purchase Date(s), the Issuer will purchase the Reference Collateral Assets.

1.2 For further details relating to the Swap Agreements, please see "*Description of the Charged Assets – Part II – Description of the Swap Agreement*".

#### 2. Payments under the Swap Agreements

2.1 On or around the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the relevant series of Secured Securities and, on the Initial Reference Collateral Assets Purchase Date, the Swap Counterparty will pay one or more amounts to the Issuer in the relevant Reference Collateral Currency or Reference Collateral Currencies (where applicable) which is equal to the Reference Collateral Purchase Price of each of the Reference Collateral Issues comprised in the Reference Collateral Assets.

2.2 Where Recovery Access is specified as applicable in the applicable Final Terms:

- (a) on or around each Reference Collateral Interest Payment Date the Issuer will be obliged to pay an amount (if any) to the Swap Counterparty under the Interest Rate Swap in the Reference Collateral Currency equal to the scheduled Reference Collateral Coupon Amount due to be paid on the Reference Collateral Interest Payment Date provided that no Early Redemption Event or Event of Default has occurred;
- (b) where RCA Maturity Call is specified as applicable in the applicable Final Terms, on or around any RCA Maturity Call Option Date which relates to a redemption of the Reference Collateral Assets in part but not whole, the Issuer will pay an amount to the Swap Counterparty under the Interest Rate Swap in the Reference Collateral Currency equal to the redemption proceeds due to be received by the Issuer in connection with such RCA Maturity Call Option Event provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
- (c) if an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Event or Event of Default has occurred. Such amount will be payable by the Swap Counterparty under either the Interest Rate Swap or a combination of the Interest Rate Swap and the Credit Default Swap.

2.3 Where Recovery Access is not specified as applicable in the applicable Final Terms:

- (a) on each Reference Collateral Interest Payment Date, the Issuer will pay to the Swap Counterparty under the Interest Rate Swap an amount in the relevant Reference Collateral Currency equal to the Reference Collateral Coupon Amount received by the Issuer on the Reference Collateral Interest Payment Date provided that no Early Redemption Event or Event of Default has occurred;

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

- (b) where RCA Maturity Call is specified as applicable in the applicable Final Terms, on or around any RCA Maturity Call Option Date which relates to a redemption of the Reference Collateral Assets in part but not whole, the Issuer will pay an amount to the Swap Counterparty under the Interest Rate Swap in the Reference Collateral Currency equal to the redemption proceeds due to be received by the Issuer in connection with such RCA Maturity Call Option Event provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
- (c) if an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Date or Event of Default has occurred. Such amount will be payable by the Swap Counterparty under either the Interest Rate Swap or a combination of the Interest Rate Swap and the Credit Default Swap.

2.4 Where RCA Maturity Call is specified as applicable in the applicable Final Terms, under the Interest Rate Swap:

- (a) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
- (b) on or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Date or Event of Default has occurred.

2.5 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, under the Interest Rate Swap:

- (a) on the Scheduled Final Bond Date(s), the RCA Issuer will pay to the Issuer the Scheduled Final Bond Payment and the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer, provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
- (b) on or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Date or Event of Default has occurred.

2.6 Under the Credit Default Swap, where a CDS Credit Event occurs, the Issuer may make a payment to the Swap Counterparty and all or some of the Reference Collateral Assets will be sold in order to finance such payment and the Secured Securities may be redeemed in whole or in part in accordance with Collateral Security Condition 5.

2.7 The notional amount of the Swap Agreements and the aggregate nominal amount of the Reference Collateral Assets will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of each Swap Agreement will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any such repurchase and the RCA Nominal Amount will be reduced in the same proportion as the Aggregate Issue Amount of the Secured Securities is reduced in connection with any purchase and cancellation of Secured Securities.



## **CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES**

- 2.8 Payments under the Swap Agreement will only be made on Swap Business Days.
- 2.9 If so specified in the applicable Final Terms, a Credit Support Structure may apply to the Secured Securities.

### **3. Payments under the Reference Collateral Assets**

- 3.1 On the Initial Reference Collateral Assets Purchase Date, the Issuer will use the amount received from the Swap Counterparty under the Swap Agreement to purchase the Reference Collateral Assets.
- 3.2 On each Reference Collateral Interest Payment Date, subject to a Collateral Exchange not having taken place, the relevant RCA Issuer will pay an amount of interest to the Issuer in respect of the nominal amount of the relevant Reference Collateral Assets held by the Issuer at such time.
- 3.3 Where RCA Maturity Call is specified as applicable in the applicable Final Terms:
  - (a) on each RCA Maturity Call Option Date which is not the Final RCA Maturity Call Option Date, the RCA Issuer will pay an amount of principal and accrued interest thereon in respect of the nominal amount of the Reference Collateral Assets held by the Issuer at such time which are being redeemed and the RCA Nominal Amount will be reduced by the nominal amount of the Reference Collateral Assets held by the Issuer which are redeemed; and
  - (b) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the RCA Issuer will pay to the Issuer an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 3.4 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, on the Scheduled Final Bond Payment Date(s), the relevant RCA Issuer will pay to the Issuer the relevant Scheduled Final Bond Payment and, on, or around such date, the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the relevant Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

### **4. Arrangements upon which payments to investors are dependent**

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraphs 2 and 3 above in order to pay (where applicable):

- (a) any Interim Payment Amount in respect of each outstanding Security; and/or
- (b) the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

## **2. CHARGED ASSET STRUCTURE 4B – INTEREST BEARING REFERENCE COLLATERAL ASSETS AND CDS STRUCTURE – SECURITIES ARE BEING ISSUED WHICH ARE FUNGIBLE WITH EXISTING SECURITIES**

### **1. General**

- 1.1 On the Original Issue Date, the Issuer entered into the Swap Agreement with the Swap Counterparty. On the Initial Reference Collateral Assets Purchase Date(s) in respect of the Applicable Tranche, the Issuer will purchase Reference Collateral Assets in a nominal amount equal to Additional Reference Collateral Amount (the "**Additional Reference Collateral Assets**").

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

- 1.2 For further details relating to the Swap Agreements, please see "*Description of the Charged Assets – Part II – Description of the Swap Agreement*".

### **2. Payments under the Swap Agreements**

- 2.1 On or around the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the Applicable Tranche and, on or before the Initial Reference Collateral Assets Purchase Date for the Applicable Tranche, the Swap Counterparty will pay one or more amounts to the Issuer in the relevant Reference Collateral Currency which is equal to the Reference Collateral Purchase Price of each of the Reference Collateral Issues comprised in the Additional Reference Collateral Assets.

- 2.2 Where Recovery Access is specified as applicable in the applicable Final Terms:

- (a) on or around each Reference Collateral Interest Payment Date the Issuer will be obliged to pay an amount (if any) to the Swap Counterparty under the Interest Rate Swap in the Reference Collateral Currency equal to the scheduled Reference Collateral Coupon Amount due to be paid on the Reference Collateral Interest Payment Date provided that no Early Redemption Event or Event of Default has occurred;
- (b) where RCA Maturity Call is specified as applicable in the applicable Final Terms, on or around any RCA Maturity Call Option Date which relates to a redemption of the Reference Collateral Assets in part but not whole, the Issuer will pay an amount to the Swap Counterparty under the Interest Rate Swap in the Reference Collateral Currency equal to the redemption proceeds due to be received by the Issuer in connection with such RCA Maturity Call Option Event provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
- (c) if an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Event or Event of Default has occurred. Such amount will be payable by the Swap Counterparty under either the Interest Rate Swap or a combination of the Interest Rate Swap and the Credit Default Swap.

- 2.3 Where Recovery Access is not specified as applicable in the applicable Final Terms:

- (a) on each Reference Collateral Interest Payment Date, the Issuer will pay to the Swap Counterparty an amount in the relevant Reference Collateral Currency equal to the Reference Collateral Coupon Amount received by the Issuer on the Reference Collateral Interest Payment Date provided that no Early Redemption Event or Event of Default has occurred;
- (b) where RCA Maturity Call is specified as applicable in the applicable Final Terms, on or around any RCA Maturity Call Option Date which relates to a redemption of the Reference Collateral Assets in part but not whole, the Issuer will pay an amount to the Swap Counterparty under the Interest Rate Swap in the Reference Collateral Currency equal to the redemption proceeds due to be received by the Issuer in connection with such RCA Maturity Call Option Event provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
- (c) if an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Date or Event of Default has occurred.

- 2.4 Where RCA Maturity Call is specified as applicable in the applicable Final Terms, under the Interest Rate Swap:

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

- (a) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
- (b) on or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Date or Event of Default has occurred.

2.5 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, under the Interest Rate Swap, under the Interest Rate Swap:

- (a) on the Scheduled Final Bond Date(s), the RCA Issuer will pay to the Issuer the Scheduled Final Bond Payment and the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer, provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
- (b) on or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Date or Event of Default has occurred.

2.6 Under the Credit Default Swap, where a CDS Credit Event occurs, the Issuer may make a payment to the Swap Counterparty and all or some of the Reference Collateral Assets will be sold in order to finance such payment and the Secured Securities may be redeemed in whole or in part in accordance with Collateral Security Condition 5.

2.7 The notional amount of the Swap Agreements and the aggregate nominal amount of the Reference Collateral Assets will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of each Swap Agreement will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any such repurchase and the RCA Nominal Amount will be reduced in the same proportion as the Aggregate Issue Amount of the Secured Securities is reduced in connection with any purchase and cancellation of Secured Securities.

2.8 Payments under the Swap Agreement will only be made on Swap Business Days.

2.9 If so specified in the applicable Final Terms, a Credit Support Structure may apply to the Secured Securities.

### **3. Payments under the Reference Collateral Assets**

3.1 On or around the Initial Reference Collateral Assets Purchase Date for the Applicable Tranche, the Issuer will use the amount received from the Swap Counterparty under the Swap Agreement to purchase the relevant Additional Reference Collateral Assets.

3.2 On each Reference Collateral Interest Payment Date, the relevant RCA Issuer will pay an amount of interest to the Issuer in respect of the nominal amount of the relevant Reference Collateral Assets held by the Issuer at such time.

3.3 Where RCA Maturity Call is specified as applicable in the applicable Final Terms:

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

- (a) on each RCA Maturity Call Option Date which is not the Final RCA Maturity Call Option Date, the RCA Issuer will pay an amount of principal and accrued interest thereon in respect of the nominal amount of the Reference Collateral Assets held by the Issuer at such time which are being redeemed and the RCA Nominal Amount will be reduced by the nominal amount of the Reference Collateral Assets held by the Issuer which are redeemed; and
- (b) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the RCA Issuer will pay to the Issuer an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

3.4 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, on the Scheduled Final Bond Payment Date(s), the relevant RCA Issuer will pay to the Issuer the relevant Scheduled Final Bond Payment and, on, or around such date, the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the relevant Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

### 4. Arrangements upon which payments to investors are dependent

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraphs 2 and 3 above in order to pay (where applicable):

- (a) any Interim Payment Amount in respect of each outstanding Security; and/or
- (b) the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

## 3. CHARGED ASSET STRUCTURE 4C - INTEREST BEARING REFERENCE COLLATERAL ASSETS AND CDS STRUCTURE AND COLLATERAL EXCHANGE STRUCTURE

### 1. General

- 1.1 On or before the Issue Date, the Issuer will enter into the Interest Rate Swap and Credit Default Swap with the Swap Counterparty. On the Initial Reference Collateral Purchase Date(s), the Issuer will purchase the Reference Collateral Assets.
- 1.2 For further details relating to the Swap Agreements, please see "*Description of the Charged Assets – Part II – Description of the Swap Agreement*".
- 1.3 For further details relating to the Collateral Exchange Agreement and Collateral Exchange Structures, please see "*Description of the Charged Assets – Part IV – Description of the Collateral Exchange Agreement*" and "*Description of the Charged Assets – Part VI – Description of the Collateral Exchange Structures*".

### 2. Payments under the Swap Agreements

- 2.1 On or around the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the relevant series of Secured Securities and, on the Initial Reference Collateral Assets Purchase Date, the Swap Counterparty will pay one or more amounts to the Issuer in the relevant Reference Collateral Currency or Reference Collateral Currencies (where applicable) which is equal to the Reference Collateral Purchase Price of each of the Reference Collateral Issues comprised in the Reference Collateral Assets.
- 2.2 Where Recovery Access is specified as applicable in the applicable Final Terms:

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

- (a) on or around each Reference Collateral Interest Payment Date the Issuer will be obliged to pay an amount (if any) to the Swap Counterparty under the Interest Rate Swap in the Reference Collateral Currency equal to the scheduled Reference Collateral Coupon Amount due to be paid on the Reference Collateral Interest Payment Date and/or, where a Collateral Exchange has taken place in respect of all or part of the relevant Reference Collateral Assets, scheduled to be received by the Issuer from the Collateral Exchange Counterparty, provided that no Early Redemption Event or Event of Default has occurred;
- (b) where RCA Maturity Call is specified as applicable in the applicable Final Terms, on or around any RCA Maturity Call Option Date which relates to a redemption of the Reference Collateral Assets in part but not whole, the Issuer will pay an amount to the Swap Counterparty under the Interest Rate Swap in the Reference Collateral Currency equal to the redemption proceeds due to be received by the Issuer in connection with such RCA Maturity Call Option Event provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
- (c) if an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Event or Event of Default has occurred. Such amount will be payable by the Swap Counterparty under either the Interest Rate Swap or a combination of the Interest Rate Swap and the Credit Default Swap.

### 2.3 Where Recovery Access is not specified as applicable in the applicable Final Terms:

- (a) on each Reference Collateral Interest Payment Date, the Issuer will pay to the Swap Counterparty under the Interest Rate Swap an amount in the relevant Reference Collateral Currency equal to the Reference Collateral Coupon Amount received by the Issuer on the Reference Collateral Interest Payment Date and/or, where a Collateral Exchange has taken place in respect of all or part of the relevant Reference Collateral Assets, the amount received by the Issuer from the Collateral Exchange Counterparty provided that no Early Redemption Event or Event of Default has occurred;
- (b) on or around each Reference Collateral Interest Payment Date the Issuer will be obliged to pay an amount (if any) to the Swap Counterparty under the Interest Rate Swap in the Reference Collateral Currency equal to the scheduled Reference Collateral Coupon Amount due to be paid on the Reference Collateral Interest Payment Date and/or, where a Collateral Exchange has taken place in respect of all or part of the relevant Reference Collateral Assets, scheduled to be received by the Issuer from the Collateral Exchange Counterparty, provided that no Early Redemption Event or Event of Default has occurred; and
- (c) if an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Date or Event of Default has occurred. Such amount will be payable by the Swap Counterparty under either the Interest Rate Swap or a combination of the Interest Rate Swap and the Credit Default Swap.

### 2.4 Where RCA Maturity Call is specified as applicable in the applicable Final Terms, under the Interest Rate Swap:

- (a) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

- (b) on or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Date or Event of Default has occurred.

2.5 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, under the Interest Rate Swap:

- (a) on the Scheduled Final Bond Date(s), the RCA Issuer will pay to the Issuer the Scheduled Final Bond Payment and the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer, provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
- (b) on or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Date or Event of Default has occurred.

2.6 Under the Credit Default Swap, where a CDS Credit Event occurs, the Issuer may make a payment to the Swap Counterparty and all or some of the Reference Collateral Assets will be sold in order to finance such payment and the Secured Securities may be redeemed in whole or in part in accordance with Collateral Security Condition 5.

2.7 The notional amount of the Swap Agreements and the aggregate nominal amount of the Reference Collateral Assets will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of each Swap Agreement will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any such repurchase and the RCA Nominal Amount will be reduced in the same proportion as the Aggregate Issue Amount of the Secured Securities is reduced in connection with any purchase and cancellation of Secured Securities.

2.8 Payments under the Swap Agreement will only be made on Swap Business Days.

2.9 If so specified in the applicable Final Terms, a Credit Support Structure may apply to the Secured Securities.

### **3. Payments under the Reference Collateral Assets**

3.1 On or around the Initial Reference Collateral Assets Purchase Date for the Applicable Tranche, the Issuer will use the amount received from the Swap Counterparty under the Swap Agreement to purchase the relevant Additional Reference Collateral Assets.

3.2 On each Reference Collateral Interest Payment Date, subject to a Collateral Exchange not having taken place, the relevant RCA Issuer will pay an amount of interest to the Issuer in respect of the nominal amount of the relevant Reference Collateral Assets held by the Issuer at such time.

3.3 Where RCA Maturity Call is specified as applicable in the applicable Final Terms:

- (a) on each RCA Maturity Call Option Date which is not the Final RCA Maturity Call Option Date, the RCA Issuer will pay an amount of principal and accrued interest thereon in respect of the nominal amount of the Reference Collateral Assets held by the Issuer at such time which are being redeemed and the RCA Nominal Amount will be reduced by the nominal amount of the Reference Collateral Assets held by the Issuer which are redeemed; and

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

- (b) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the RCA Issuer will pay to the Issuer an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

3.4 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, on the Scheduled Final Bond Payment Date(s), the relevant RCA Issuer will pay to the Issuer the relevant Scheduled Final Bond Payment and, on, or around such date, the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the relevant Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

### 4. Arrangements upon which payments to investors are dependent

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraphs 2 and 3 above in order to pay (where applicable):

- (a) any Interim Payment Amount in respect of each outstanding Security; and/or
- (b) the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

### 4. CHARGED ASSET STRUCTURE 4D - INTEREST BEARING REFERENCE COLLATERAL ASSETS AND CDS STRUCTURE - SECURITIES ARE BEING ISSUED WHICH ARE FUNGIBLE WITH EXISTING SECURITIES AND COLLATERAL EXCHANGE STRUCTURE

#### 1. General

- 1.1 On the Original Issue Date, the Issuer entered into the Swap Agreement with the Swap Counterparty. On the Initial Reference Collateral Assets Purchase Date(s) in respect of the Applicable Tranche, the Issuer will purchase Reference Collateral Assets in a nominal amount equal to Additional Reference Collateral Amount (the "**Additional Reference Collateral Assets**").
- 1.2 For further details relating to the Swap Agreements, please see "*Description of the Charged Assets – Part II – Description of the Swap Agreement*".
- 1.3 For further details relating to the Collateral Exchange Agreement and Collateral Exchange Structures, please see "*Description of the Charged Assets – Part IV – Description of the Collateral Exchange Agreement*" and "*Description of the Charged Assets – Part VI – Description of the Collateral Exchange Structures*".

#### 2. Payments under the Swap Agreements

- 2.1 On or around the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the Applicable Tranche and, on or before the Initial Reference Collateral Assets Purchase Date for the Applicable Tranche, the Swap Counterparty will pay one or more amounts to the Issuer in the relevant Reference Collateral Currency which is equal to the Reference Collateral Purchase Price of each of the Reference Collateral Issues comprised in the Additional Reference Collateral Assets.
- 2.2 Where Recovery Access is specified as applicable in the applicable Final Terms:
  - (a) on or around each Reference Collateral Interest Payment Date the Issuer will be obliged to pay an amount (if any) to the Swap Counterparty under the Interest Rate Swap in the Reference Collateral Currency equal to the scheduled Reference Collateral Coupon Amount due to be paid on the Reference Collateral Interest Payment Date and/or, where a Collateral Exchange has taken place in respect of all

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

or part of the relevant Reference Collateral Assets, scheduled to be received by the Issuer from the Collateral Exchange Counterparty, provided that no Early Redemption Event or Event of Default has occurred;

- (b) where RCA Maturity Call is specified as applicable in the applicable Final Terms, on or around any RCA Maturity Call Option Date which relates to a redemption of the Reference Collateral Assets in part but not whole, the Issuer will pay an amount to the Swap Counterparty under the Interest Rate Swap in the Reference Collateral Currency equal to the redemption proceeds due to be received by the Issuer in connection with such RCA Maturity Call Option Event provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
- (c) if an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Event or Event of Default has occurred. Such amount will be payable by the Swap Counterparty under either the Interest Rate Swap or a combination of the Interest Rate Swap and the Credit Default Swap.

### 2.3 Where Recovery Access is not specified as applicable in the applicable Final Terms:

- (a) on each Reference Collateral Interest Payment Date, the Issuer will pay to the Swap Counterparty an amount in the relevant Reference Collateral Currency equal to the Reference Collateral Coupon Amount received by the Issuer on the Reference Collateral Interest Payment Date and/or, where a Collateral Exchange has taken place in respect of all or part of the relevant Reference Collateral Assets, the amount received by the Issuer from the Collateral Exchange Counterparty provided that no Early Redemption Event or Event of Default has occurred;
- (b) where RCA Maturity Call is specified as applicable in the applicable Final Terms, on or around any RCA Maturity Call Option Date which relates to a redemption of the Reference Collateral Assets in part but not whole, the Issuer will pay an amount to the Swap Counterparty under the Interest Rate Swap in the Reference Collateral Currency equal to the redemption proceeds due to be received by the Issuer in connection with such RCA Maturity Call Option Event provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
- (c) if an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Date or Event of Default has occurred.

### 2.4 Where RCA Maturity Call is specified as applicable in the applicable Final Terms, under the Interest Rate Swap:

- (a) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
- (b) on or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Date or Event of Default has occurred.



## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

- 2.5 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, under the Interest Rate Swap, under the Interest Rate Swap:
- (a) on the Scheduled Final Bond Date(s), the RCA Issuer will pay to the Issuer the Scheduled Final Bond Payment and the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer, provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
  - (b) on or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Date or Event of Default has occurred.
- 2.6 Under the Credit Default Swap, where a CDS Credit Event occurs, the Issuer may make a payment to the Swap Counterparty and all or some of the Reference Collateral Assets will be sold in order to finance such payment and the Secured Securities may be redeemed in whole or in part in accordance with Collateral Security Condition 5.
- 2.7 The notional amount of the Swap Agreements and the aggregate nominal amount of the Reference Collateral Assets will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of each Swap Agreement will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any such repurchase and the RCA Nominal Amount will be reduced in the same proportion as the Aggregate Issue Amount of the Secured Securities is reduced in connection with any purchase and cancellation of Secured Securities.
- 2.8 Payments under the Swap Agreement will only be made on Swap Business Days.
- 2.9 If so specified in the applicable Final Terms, a Credit Support Structure may apply to the Secured Securities.
- 3. Payments under the Reference Collateral Assets**
- 3.1 On or around the Initial Reference Collateral Assets Purchase Date for the Applicable Tranche, the Issuer will use the amount received from the Swap Counterparty under the Swap Agreement to purchase the relevant Additional Reference Collateral Assets.
- 3.2 On each Reference Collateral Interest Payment Date, subject to a Collateral Exchange not having taken place, the relevant RCA Issuer will pay an amount of interest to the Issuer in respect of the nominal amount of the relevant Reference Collateral Assets held by the Issuer at such time.
- 3.3 Where RCA Maturity Call is specified as applicable in the applicable Final Terms:
- (a) on each RCA Maturity Call Option Date which is not the Final RCA Maturity Call Option Date, the RCA Issuer will pay an amount of principal and accrued interest thereon in respect of the nominal amount of the Reference Collateral Assets held by the Issuer at such time which are being redeemed and the RCA Nominal Amount will be reduced by the nominal amount of the Reference Collateral Assets held by the Issuer which are redeemed; and
  - (b) on the earlier of (i) the Scheduled Final Bond Payment Date(s) and (ii) the Final RCA Maturity Call Option Date, the RCA Issuer will pay to the Issuer an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

- 3.4 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms, on the Scheduled Final Bond Payment Date(s), the relevant RCA Issuer will pay to the Issuer the relevant Scheduled Final Bond Payment and, on, or around such date, the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the relevant Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

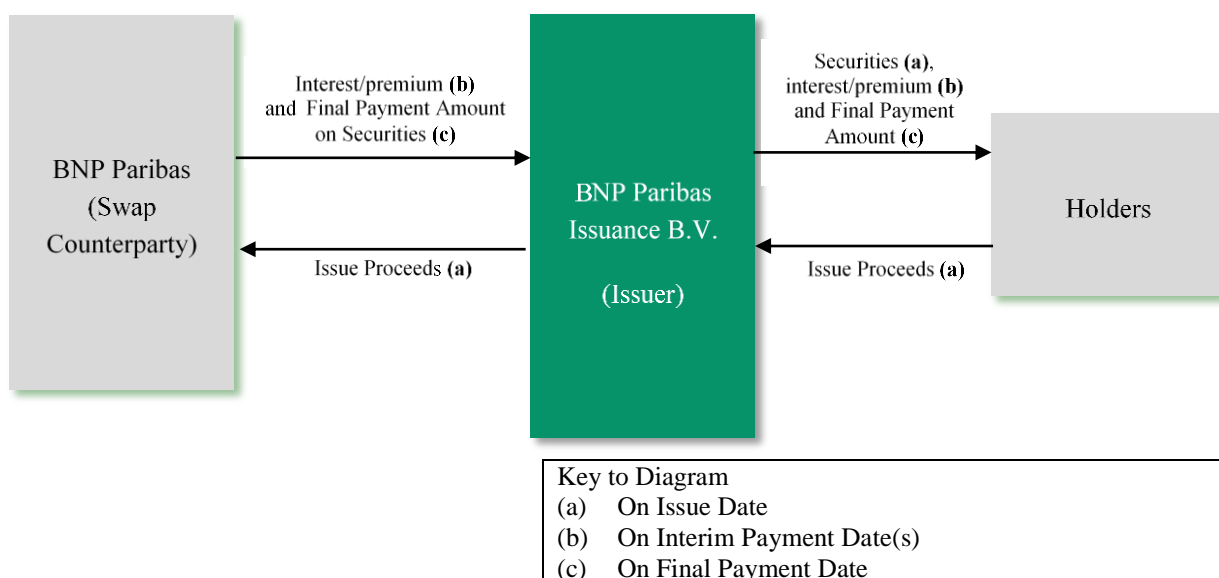
### 4. Arrangements upon which payments to investors are dependent

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraphs 2 and 3 above in order to pay (where applicable):

- (a) any Interim Payment Amount in respect of each outstanding Security; and/or
- (b) the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

### Charged Asset Structure 5

**Transaction Structure Diagram:** The diagram below is intended to provide an overview of the structure of the transaction that is the subject of Charged Asset Structure 5. Prospective investors should also review the detailed information set out elsewhere in this Base Prospectus for a description of the transaction structure and relevant cashflows prior to making any investment decision.



## 1. CHARGED ASSET STRUCTURE 5A - SWAP AGREEMENT

### 1. General

- 1.1 On or before the Issue Date, the Issuer will enter into the Swap Agreement with the Swap Counterparty.
- 1.2 For further details relating to the Swap Agreement, please see "Description of the Charged Assets – Part II – Description of the Swap Agreement".

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

### 2. Payments under the Swap Agreement

- 2.1 On the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the relevant series of Secured Securities.
- 2.2 If an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Event or Event of Default has occurred.
- 2.3 On or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.4 The notional amount of the Swap Agreement will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of the Swap Agreement will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any such repurchase.
- 2.5 Payments under the Swap Agreement will only be made on Swap Business Days.
- 2.6 If so specified in the applicable Final Terms, a Credit Support Structure may apply to the Secured Securities.

### 3. Arrangements upon which payments to investors are dependent

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraph 2 above in order to pay (where applicable):

- (a) any Interim Payment Amount in respect of each outstanding Security; and/or
- (b) the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

## 2. CHARGED ASSET STRUCTURE 5B - SWAP AGREEMENT - SECURITIES ARE BEING ISSUED WHICH ARE FUNGIBLE WITH EXISTING SECURITIES

### 1. General

- 1.1 On the Original Issue Date, the Issuer entered into the Swap Agreement with the Swap Counterparty.
- 1.2 For further details relating to the Swap Agreement, please see "*Description of the Charged Assets – Part II – Description of the Swap Agreement*".

### 2. Payments under the Swap Agreement

- 2.1 On or around the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the Applicable Tranche.
- 2.2 If an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Event or Event of Default has occurred.
- 2.3 On or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

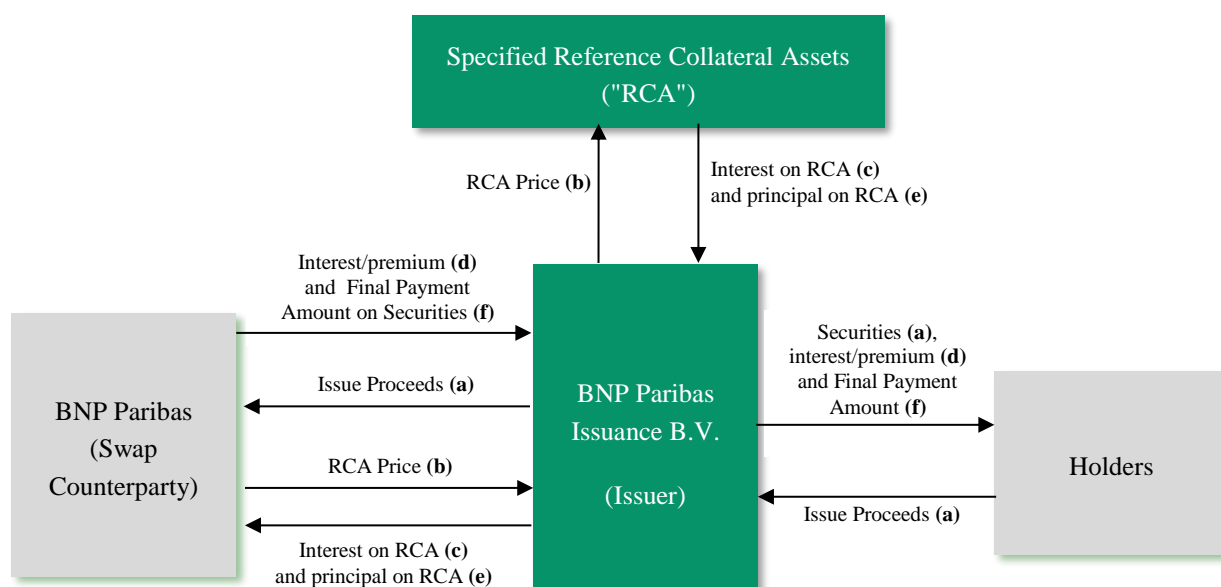
- 2.4 The notional amount of the Swap Agreement will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of the Swap Agreement will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any such repurchase.
- 2.5 Payments under the Swap Agreement will only be made on Swap Business Days.
- 2.6 If so specified in the applicable Final Terms, a Credit Support Structure may apply to the Secured Securities.
- 3. Arrangements upon which payments to investors are dependent**

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraph 2 above in order to pay (where applicable):

- (a) any Interim Payment Amount in respect of each outstanding Security; and/or
- (b) the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

### Charged Asset Structure 6

**Transaction Structure Diagram:** The diagram below is intended to provide an overview of the structure of the transaction that is the subject of Charged Asset Structure 6. Prospective investors should also review the detailed information set out elsewhere in this Base Prospectus for a description of the transaction structure and relevant cashflows prior to making any investment decision.



#### Key to Diagram

- (a) On Issue Date
- (b) On Initial Posting Date
- (c) On Reference Collateral Interest Payment Date(s)
- (d) On Interim Payment Date(s)
- (e) On Scheduled Final Bond Payment Date
- (f) On Final Payment Date

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

### 1. CHARGED ASSET STRUCTURE 6A - INTEREST BEARING REFERENCE COLLATERAL ASSETS AND SWAP AGREEMENT – SB/JGB REPACKAGING

#### 1. General

- 1.1 On or before the Issue Date, the Issuer will enter into the Swap Agreement with the Swap Counterparty. On the Initial Reference Collateral Purchase Date(s), the Issuer will purchase the Reference Collateral Assets.
- 1.2 For further details relating to the Swap Agreement, please see "*Description of the Charged Assets – Part II – Description of the Swap Agreement*".

#### 2. Payments under the Swap Agreement

- 2.1 On or around the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the relevant series of Secured Securities and, on the Initial Reference Collateral Assets Purchase Date, the Swap Counterparty will pay one or more amounts to the Issuer in the relevant Reference Collateral Currency or Reference Collateral Currencies (where applicable) which is equal to the Reference Collateral Purchase Price of each of the Reference Collateral Issues comprised in the Reference Collateral Assets.
- 2.2 On or around each Reference Collateral Interest Payment Date the Issuer will be obliged to pay an amount (if any) to the Swap Counterparty in the relevant Reference Collateral Currency equal to the scheduled Reference Collateral Coupon Amount due to be paid on the relevant Reference Collateral Interest Payment Date provided that no Early Redemption Event or Event of Default has occurred.
- 2.3 If an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Event, Payment Deferment Event or Event of Default has occurred.
- 2.4 On the Scheduled Bond Final Payment Date(s), the Issuer will be obliged to pay an amount (if any) in the Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer on the Scheduled Final Bond Payment Date to the Swap Counterparty provided that no Early Redemption Event or Event of Default has occurred.
- 2.5 On or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Early Redemption Event, Payment Deferment Event or Event of Default has occurred.
- 2.6 At any time from the Initial Reference Collateral Purchase Date to, but excluding, the Final Payment Date, the Swap Counterparty has the right but not the obligation to substitute in whole or part a nominal amount of the Reference Collateral Assets with the same (or a corresponding) nominal amount of Qualifying Collateral.
- 2.7 In addition, the Swap Counterparty will be obliged to substitute the Reference Collateral Assets with Qualifying Collateral where the Reference Collateral Assets in whole or in part are redeemed for any reason (other than where a Reference Collateral Credit Event relating to the Reference Collateral Assets has occurred in relation to which the Swap Counterparty has served a Reference Collateral Credit Event Notice, but including upon its stated maturity save where the maturity date of the Reference Collateral Assets falls within the period of two calendar weeks prior to the Final Payment Date).

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

- 2.8 The notional amount of the Swap Agreement and the aggregate nominal amount of the Reference Collateral Assets will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of the Swap Agreement will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any such repurchase and the RCA Nominal Amount will be reduced in the same proportion as the Aggregate Issue Amount of the Secured Securities is reduced in connection with any purchase and cancellation of Secured Securities.
- 2.9 Payments under the Swap Agreement will only be made on Swap Business Days.
- 2.10 If so specified in the applicable Final Terms, a Credit Support Structure may apply to the Secured Securities.

### 3. Payments under the Reference Collateral Assets

- 3.1 On the Initial Reference Collateral Assets Purchase Date, the Issuer will use the amount received from the Swap Counterparty under the Swap Agreement on such date to purchase the Reference Collateral Assets.
- 3.2 On or around each Reference Collateral Interest Payment Date the relevant RCA Issuer will pay an amount of interest to the Issuer in respect of the nominal amount of the Reference Collateral Assets held by the Issuer at such time.
- 3.3 On the Scheduled Final Bond Payment Date(s), the relevant RCA Issuer will pay to the Issuer the relevant Scheduled Final Bond Payment and, on or around such date, the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the relevant Scheduled Final Bond Payment due to be received by the Issuer provided that no Early Redemption Event or Event of Default has occurred.

### 4. Arrangements upon which payments to investors are dependent

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraph 2 above in order to pay (where applicable):

- (a) any Interim Payment Amount in respect of each outstanding Security; and/or
- (b) the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

## 2. CHARGED ASSET STRUCTURE 6B - INTEREST BEARING REFERENCE COLLATERAL ASSETS AND SWAP AGREEMENT – SB/JGB REPACKAGING - SECURITIES ARE BEING ISSUED WHICH ARE FUNGIBLE WITH EXISTING SECURITIES

### 1. General

- 1.1 On the Original Issue Date, the Issuer entered into the Swap Agreement with the Swap Counterparty. On the Initial Reference Collateral Assets Purchase Date(s) in respect of the Applicable Tranche, the Issuer will purchase Reference Collateral Assets in a nominal amount equal to Additional Reference Collateral Amount (the "**Additional Reference Collateral Assets**").
- 1.2 For further details relating to the Swap Agreement, please see "*Description of the Charged Assets – Part II – Description of the Swap Agreement*".

### 2. Payments under the Swap Agreement

- 2.1 On or around the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the Applicable Tranche and, on or before the Initial Reference Collateral Assets Purchase Date for the Applicable Tranche, the Swap Counterparty will pay one or more amounts to the Issuer in the relevant

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

Reference Collateral Currency which is equal to the Reference Collateral Purchase Price of each of the Reference Collateral Issues comprised in the Additional Reference Collateral Assets.

- 2.2 On or around each Reference Collateral Interest Payment Date the Issuer will be obliged to pay an amount (if any) to the Swap Counterparty in the relevant Reference Collateral Currency equal to the scheduled Reference Collateral Coupon Amount due to be paid on the relevant Reference Collateral Interest Payment Date provided that no Early Redemption Event or Event of Default has occurred.
- 2.3 If an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Event, Payment Deferment Event or Event of Default has occurred.
- 2.4 On the Scheduled Bond Final Payment Date(s), the Issuer will be obliged to pay an amount (if any) in the Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer on the Scheduled Final Bond Payment Date to the Swap Counterparty provided that no Early Redemption Event or Event of Default has occurred.
- 2.5 On or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Early Redemption Event, Payment Deferment Event or Event of Default has occurred.
- 2.6 At any time from the Initial Reference Collateral Purchase Date to, but excluding, the Final Payment Date, the Swap Counterparty has the right but not the obligation to substitute in whole or part a nominal amount of the Reference Collateral Assets with the same (or a corresponding) nominal amount of Qualifying Collateral.
- 2.7 In addition, the Swap Counterparty will be obliged to substitute the Reference Collateral Assets with Qualifying Collateral where the Reference Collateral Assets in whole or in part are redeemed for any reason (other than where a Reference Collateral Credit Event relating to the Reference Collateral Assets has occurred in relation to which the Swap Counterparty has served a Reference Collateral Credit Event Notice, but including upon its stated maturity save where the maturity date of the Reference Collateral Assets falls within the period of two calendar weeks prior to the Final Payment Date).
- 2.8 The notional amount of the Swap Agreement and the aggregate nominal amount of the Reference Collateral Assets will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of the Swap Agreement will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any such repurchase and the RCA Nominal Amount will be reduced in the same proportion as the Aggregate Issue Amount of the Secured Securities is reduced in connection with any purchase and cancellation of Secured Securities.
- 2.9 Payments under the Swap Agreement will only be made on Swap Business Days.
- 2.10 If so specified in the applicable Final Terms, a Credit Support Structure may apply to the Secured Securities.

### **3. Payments under the Reference Collateral Assets**

- 3.1 On or around the Initial Reference Collateral Assets Purchase Date for the Applicable Tranche, the Issuer will use the amount received from the Swap Counterparty under the Swap Agreement to purchase the relevant Additional Reference Collateral Assets.

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

- 3.2 On or around each Reference Collateral Interest Payment Date the relevant RCA Issuer will pay an amount of interest to the Issuer in respect of the nominal amount of the Reference Collateral Assets held by the Issuer at such time.
- 3.3 On the Scheduled Final Bond Payment Date(s), the relevant RCA Issuer will pay to the Issuer the relevant Scheduled Final Bond Payment and, on or around such date, the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the relevant Scheduled Final Bond Payment due to be received by the Issuer provided that no Early Redemption Event or Event of Default has occurred.

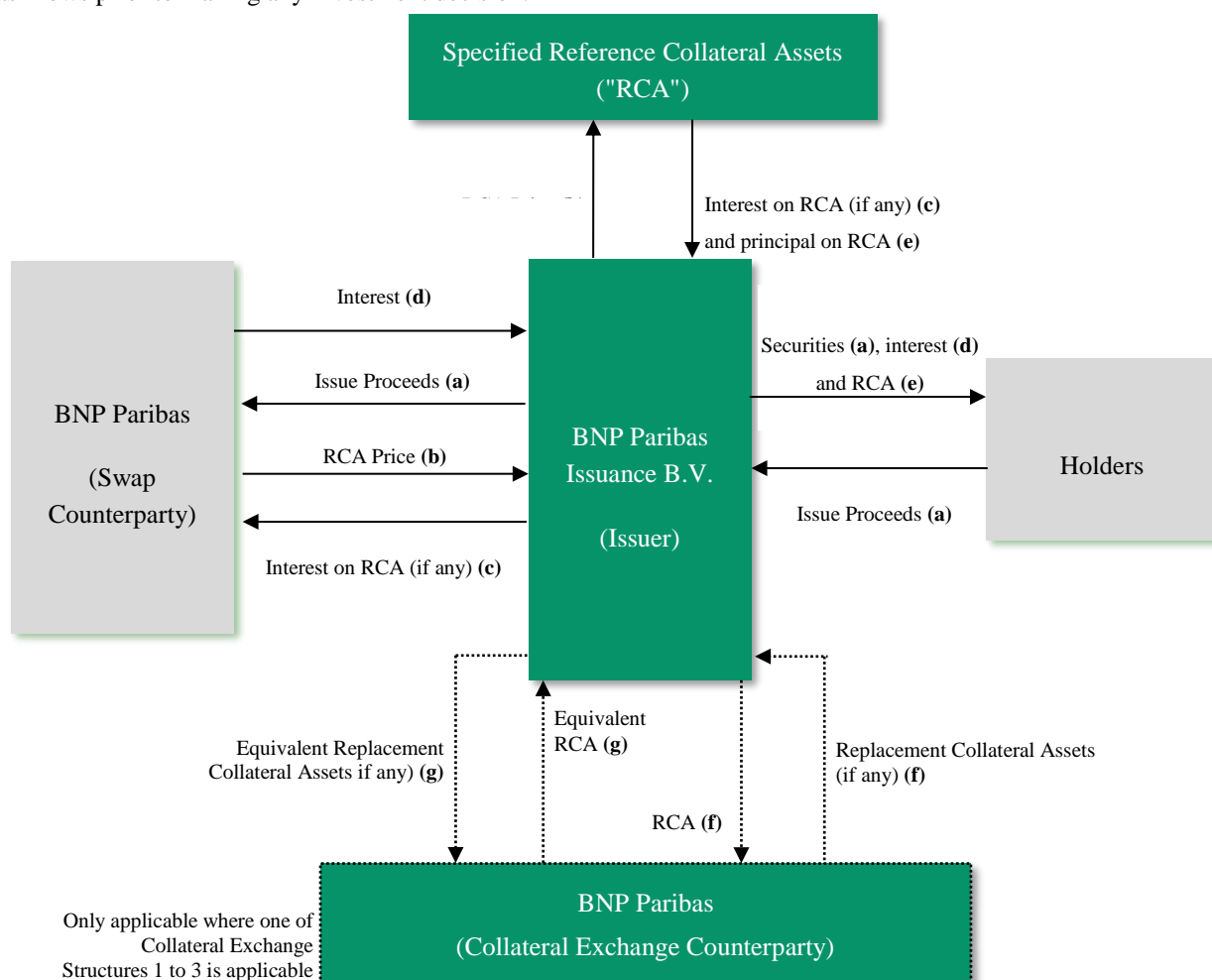
### 4. Arrangements upon which payments to investors are dependent

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraph 2 above in order to pay (where applicable):

- (a) any Interim Payment Amount in respect of each outstanding Security; and/or
- (b) the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

### Charged Asset Structure 7

Transaction Structure Diagram: The diagram below is intended to provide an overview of the structure of the transaction that is the subject of Charged Asset Structure 7. Prospective investors should also review the detailed information set out elsewhere in this Base Prospectus for a description of the transaction structure and relevant cashflows prior to making any investment decision.





## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

Key to Diagram	
(a)	On Issue Date
(b)	On Initial Posting Date
(c)	On Reference Collateral Interest Payment Date(s)
(d)	On Interim Payment Date(s) (if any)
(e)	On Final Payment Date
(f)	Following a request from the Collateral Exchange Counterparty
(g)	On Scheduled Exchange End Date

### 1. CHARGED ASSET STRUCTURE 7A - REFERENCE COLLATERAL ASSETS AND SWAP AGREEMENT – PHYSICAL DELIVERY OF THE REFERENCE COLLATERAL ASSETS

#### 1. General

- 1.1 On or before the Issue Date, the Issuer will enter into the Swap Agreement with the Swap Counterparty. On the Initial Reference Collateral Assets Purchase Date(s), the Issuer will purchase the Reference Collateral Assets.
- 1.2 For further details relating to the Swap Agreement, please see "*Description of the Charged Assets – Part II – Description of the Swap Agreement*".

#### 2. Payments under the Swap Agreement

- 2.1 On, or around, the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the relevant series of Secured Securities and, on or before the Initial Reference Collateral Assets Purchase Date, the Swap Counterparty will pay one or more amounts to the Issuer in the relevant Reference Collateral Currency or Reference Collateral Currencies (where applicable) which is equal to the Reference Collateral Purchase Price of each of the Reference Collateral Issues comprised in the Reference Collateral Assets.
- 2.2 Where Recovery Access is specified as applicable in the applicable Final Terms, on, or around, each Reference Collateral Interest Payment Date (if any), the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the scheduled Reference Collateral Coupon Amount (if any) due to be paid on such Reference Collateral Interest Payment Date (if any) provided that no Early Redemption Event or Event of Default has occurred.
- 2.3 Where Recovery Access is not specified as applicable in the applicable Final Terms, on, or around, each Reference Collateral Interest Payment Date (if any), the Issuer will pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the Reference Collateral Coupon Amount received by the Issuer on the Reference Collateral Interest Payment Date provided that no Early Redemption Event or Event of Default has occurred.
- 2.4 If an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Event or Event of Default has occurred.
- 2.5 Where RCA Maturity Call and Par Redemption are specified as applicable in the applicable Final Terms:
- (a) on or around any RCA Maturity Call Option Date which relates to a redemption of the Reference Collateral Assets in part but not whole, the Issuer will pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the redemption proceeds due to be received by the Issuer in

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

connection with such RCA Maturity Call Option Event provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and

- (b) on the Final RCA Maturity Call Option Date, the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
- (c) on or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

2.6 The notional amount of the Swap Agreement and the aggregate nominal amount of the Reference Collateral Assets will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of the Swap Agreement will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any such repurchase and the RCA Nominal Amount will be reduced in the same proportion as the Aggregate Issue Amount of the Secured Securities is reduced in connection with any purchase and cancellation of Secured Securities.

2.7 Payments under the Swap Agreement will only be made on Swap Business Days.

2.8 If so specified in the applicable Final Terms, a Credit Support Structure may apply to the Secured Securities.

### **3. Payments under, and deliveries in respect of, the Reference Collateral Assets**

3.1 On or around the Initial Reference Collateral Assets Purchase Date, the Issuer will use the amount received from the Swap Counterparty under the Swap Agreement to purchase the Reference Collateral Assets.

3.2 Where the Reference Collateral Assets bear interest, on each Reference Collateral Interest Payment Date, the relevant RCA Issuer will pay an amount of interest to the Issuer in respect of the nominal amount of the relevant Reference Collateral Assets held by the Issuer at such time.

3.3 Where RCA Maturity Call and Par Redemption are specified as applicable in the applicable Final Terms:

- (a) on each RCA Maturity Call Option Date which is not the Final RCA Maturity Call Option Date, the RCA Issuer will pay an amount of principal and accrued interest thereon in respect of the nominal amount of the Reference Collateral Assets held by the Issuer at such time which are being redeemed and the RCA Nominal Amount will be reduced by the nominal amount of the Reference Collateral Assets held by the Issuer which are redeemed; and
- (b) on the Final RCA Maturity Call Option Date (if any) which occurs during the Par Redemption Period, the RCA Issuer will pay to the Issuer an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

3.4 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms or no Final RCA Maturity Call Option Date occurs during the Par Redemption Period, on the relevant Final Payment Date, the Issuer will deliver the Reference Collateral Assets to the Holders provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

### 4. Arrangements upon which payments to investors are dependent

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraph 2 above in order to pay (where applicable)

- (a) any Interim Payment Amount in respect of each outstanding Security; and/or
- (b) where the Final RCA Maturity Date occurs during the Par Redemption Period, the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

### 2. CHARGED ASSET STRUCTURE 7B - REFERENCE COLLATERAL ASSETS AND SWAP AGREEMENT - SECURITIES ARE BEING ISSUED WHICH ARE FUNGIBLE WITH EXISTING SECURITIES – PHYSICAL DELIVERY OF THE REFERENCE COLLATERAL ASSETS

#### 1. General

- 1.1 On the Original Issue Date, the Issuer entered into the Swap Agreement with the Swap Counterparty. On the Initial Reference Collateral Assets Purchase Date(s) in respect of the Applicable Tranche, the Issuer will purchase Reference Collateral Assets in a nominal amount equal to Additional Reference Collateral Amount (the "**Additional Reference Collateral Assets**").
- 1.2 For further details relating to the Swap Agreement, please see "*Description of the Charged Assets – Part II – Description of the Swap Agreement*".

#### 2. Payments under the Swap Agreement

- 2.1 On or around the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the Applicable Tranche and, on or before the Initial Reference Collateral Assets Purchase Date for the Applicable Tranche, the Swap Counterparty will pay one or more amounts to the Issuer in the relevant Reference Collateral Currency which is equal to the Reference Collateral Purchase Price of each of the Reference Collateral Issues comprised in the Additional Reference Collateral Assets.
- 2.2 Where Recovery Access is specified as applicable in the applicable Final Terms, on, or around, each Reference Collateral Interest Payment Date (if any), the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the scheduled Reference Collateral Coupon Amount (if any) due to be paid on such Reference Collateral Interest Payment Date (if any) provided that no Early Redemption Event or Event of Default has occurred.
- 2.3 Where Recovery Access is not specified as applicable in the applicable Final Terms, on or around, each Reference Collateral Interest Payment Date (if any), the Issuer will pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the Reference Collateral Coupon Amount received by the Issuer on the Reference Collateral Interest Payment Date provided that no Early Redemption Event or Event of Default has occurred.
- 2.4 If an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Event or Event of Default has occurred.
- 2.5 Where RCA Maturity Call and Par Redemption are specified as applicable in the applicable Final Terms:
  - (a) on or around any RCA Maturity Call Option Date which relates to a redemption of the Reference Collateral Assets in part but not whole, the Issuer will pay an amount to the Swap Counterparty in the

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

Reference Collateral Currency equal to the redemption proceeds due to be received by the Issuer in connection with such RCA Maturity Call Option Event provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and

- (b) on the Final RCA Maturity Call Option Date, the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
- (c) on or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

2.6 The notional amount of the Swap Agreement and the aggregate nominal amount of the Reference Collateral Assets will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of the Swap Agreement will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any such repurchase and the RCA Nominal Amount will be reduced in the same proportion as the Aggregate Issue Amount of the Secured Securities is reduced in connection with any purchase and cancellation of Secured Securities.

2.7 Payments under the Swap Agreement will only be made on Swap Business Days.

2.8 If so specified in the applicable Final Terms, a Credit Support Structure may apply to the Secured Securities.

### **3. Payments under, and deliveries in respect of, the Reference Collateral Assets**

3.1 On or around the Initial Reference Collateral Assets Purchase Date for the Applicable Tranche, the Issuer will use the amount received from the Swap Counterparty under the Swap Agreement to purchase the relevant Additional Reference Collateral Assets.

3.2 Where the Reference Collateral Assets bear interest, on each Reference Collateral Interest Payment Date, the relevant RCA Issuer will pay an amount of interest to the Issuer in respect of the nominal amount of the relevant Reference Collateral Assets held by the Issuer at such time.

3.3 Where RCA Maturity Call and Par Redemption are specified as applicable in the applicable Final Terms:

- (a) on each RCA Maturity Call Option Date which is not the Final RCA Maturity Call Option Date, the RCA Issuer will pay an amount of principal and accrued interest thereon in respect of the nominal amount of the Reference Collateral Assets held by the Issuer at such time which are being redeemed and the RCA Nominal Amount will be reduced by the nominal amount of the Reference Collateral Assets held by the Issuer which are redeemed; and
- (b) on the Final RCA Maturity Call Option Date (if any) which occurs during the Par Redemption Period, the RCA Issuer will pay to the Issuer an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

3.4 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms or no Final RCA Maturity Call Option Date occurs during the Par Redemption Period, on the relevant Final Payment Date, the Issuer will deliver the Reference Collateral Assets to the Holders provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

### 4. Arrangements upon which payments to investors are dependent

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraph 2 above in order to pay (where applicable)

- (a) any Interim Payment Amount in respect of each outstanding Security; and/or
- (b) where the Final RCA Maturity Date occurs during the Par Redemption Period, the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

### 3. CHARGED ASSET STRUCTURE 7C - REFERENCE COLLATERAL ASSETS AND SWAP AGREEMENT AND COLLATERAL EXCHANGE STRUCTURE – PHYSICAL DELIVERY OF THE REFERENCE COLLATERAL ASSETS

#### 1. General

- 1.1 On or before the Issue Date, the Issuer will enter into the Swap Agreement with the Swap Counterparty. On the Initial Reference Collateral Assets Purchase Date(s), the Issuer will purchase the Reference Collateral Assets.
- 1.2 For further details relating to the Swap Agreement, please see "*Description of the Charged Assets – Part II – Description of the Swap Agreement*".
- 1.3 For further details relating to the Collateral Exchange Agreement and Collateral Exchange Structures, please see "*Description of the Charged Assets – Part IV – Description of the Collateral Exchange Agreement*" and "*Description of the Charged Assets – Part VI – Description of the Collateral Exchange Structures*".

#### 2. Payments under the Swap Agreement

- 2.1 On, or around, the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the relevant series of Secured Securities and, on or before the Initial Reference Collateral Assets Purchase Date, the Swap Counterparty will pay one or more amounts to the Issuer in the relevant Reference Collateral Currency or Reference Collateral Currencies (where applicable) which is equal to the Reference Collateral Purchase Price of each of the Reference Collateral Issues comprised in the Reference Collateral Assets.
- 2.2 Where Recovery Access is specified as applicable in the applicable Final Terms, on, or around, each Reference Collateral Interest Payment Date (if any), the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the scheduled Reference Collateral Coupon Amount (if any) due to be paid on such Reference Collateral Interest Payment Date (if any) and/or, where a Collateral Exchange has taken place in respect of all or part of the relevant Reference Collateral Assets, scheduled to be received by the Issuer from the Collateral Exchange Counterparty, provided that no Early Redemption Event or Event of Default has occurred.
- 2.3 Where Recovery Access is not specified as applicable in the applicable Final Terms, on or around, each Reference Collateral Interest Payment Date (if any), the Issuer will pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the Reference Collateral Coupon Amount received by the Issuer on the Reference Collateral Interest Payment Date and/or, where a Collateral Exchange has taken place in respect of all or part of the relevant Reference Collateral Assets, received by the Issuer from the Collateral Exchange Counterparty provided that no Early Redemption Event or Event of Default has occurred.
- 2.4 If an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

such payment is due to be made by the Issuer provided that no Early Redemption Event or Event of Default has occurred.

- 2.5 Where RCA Maturity Call and Par Redemption are specified as applicable in the applicable Final Terms:
- (a) on or around any RCA Maturity Call Option Date which relates to a redemption of the Reference Collateral Assets in part but not whole, the Issuer will pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the redemption proceeds due to be received by the Issuer in connection with such RCA Maturity Call Option Event provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
  - (b) on the Final RCA Maturity Call Option Date, the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
  - (c) on or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.6 The notional amount of the Swap Agreement and the aggregate nominal amount of the Reference Collateral Assets will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of the Swap Agreement will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any such repurchase and the RCA Nominal Amount will be reduced in the same proportion as the Aggregate Issue Amount of the Secured Securities is reduced in connection with any purchase and cancellation of Secured Securities.
- 2.7 Payments under the Swap Agreement will only be made on Swap Business Days.
- 2.8 If so specified in the applicable Final Terms, a Credit Support Structure may apply to the Secured Securities.
- 3. Payments under, and deliveries in respect of, the Reference Collateral Assets**
- 3.1 On or around the Initial Reference Collateral Assets Purchase Date, the Issuer will use the amount received from the Swap Counterparty under the Swap Agreement to purchase the Reference Collateral Assets.
- 3.2 Where the Reference Collateral Assets bear interest, on each Reference Collateral Interest Payment Date, subject to a Collateral Exchange not having taken place, the relevant RCA Issuer will pay an amount of interest to the Issuer in respect of the nominal amount of the relevant Reference Collateral Assets held by the Issuer at such time.
- 3.3 Where RCA Maturity Call and Par Redemption are specified as applicable in the applicable Final Terms:
- (a) on each RCA Maturity Call Option Date which is not the Final RCA Maturity Call Option Date, the RCA Issuer will pay an amount of principal and accrued interest thereon in respect of the nominal amount of the Reference Collateral Assets held by the Issuer at such time which are being redeemed and the RCA Nominal Amount will be reduced by the nominal amount of the Reference Collateral Assets held by the Issuer which are redeemed; and
  - (b) on the Final RCA Maturity Call Option Date (if any) which occurs during the Par Redemption Period, the RCA Issuer will pay to the Issuer an amount (if any) in the relevant Reference Collateral Currency

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

equal to the Scheduled Final Bond Payment provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

- 3.4 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms or no Final RCA Maturity Option Call Date occurs during the Par Redemption Period, on the relevant Final Payment Date, the Issuer will deliver the Reference Collateral Assets to the Holders provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

### 4. Arrangements upon which payments to investors are dependent

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraph 2 above in order to pay (where applicable):

- (a) any Interim Payment Amount in respect of each outstanding Security; and/or
- (b) where the Final RCA Maturity Date occurs during the Par Redemption Period, the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

## 4. CHARGED ASSET STRUCTURE 7D - REFERENCE COLLATERAL ASSETS AND SWAP AGREEMENT - SECURITIES ARE BEING ISSUED WHICH ARE FUNGIBLE WITH EXISTING SECURITIES AND COLLATERAL EXCHANGE STRUCTURE – PHYSICAL DELIVERY OF THE REFERENCE COLLATERAL ASSETS

### 1. General

- 1.1 On the Original Issue Date, the Issuer entered into the Swap Agreement with the Swap Counterparty. On the Initial Reference Collateral Assets Purchase Date(s) in respect of the Applicable Tranche, the Issuer will purchase Reference Collateral Assets in a nominal amount equal to Additional Reference Collateral Amount (the "**Additional Reference Collateral Assets**").
- 1.2 For further details relating to the Swap Agreement, please see "*Description of the Charged Assets – Part II – Description of the Swap Agreement*".
- 1.3 For further details relating to the Collateral Exchange Agreement and Collateral Exchange Structures, please see "*Description of the Charged Assets – Part IV – Description of the Collateral Exchange Agreement*" and "*Description of the Charged Assets – Part VI – Description of the Collateral Exchange Structures*".

### 2. Payments under the Swap Agreement

- 2.1 On or around the Issue Date, the Issuer will pay an amount to the Swap Counterparty which is equal to the net issue proceeds of the Applicable Tranche and, on or before the Initial Reference Collateral Assets Purchase Date for the Applicable Tranche, the Swap Counterparty will pay one or more amounts to the Issuer in the relevant Reference Collateral Currency which is equal to the Reference Collateral Purchase Price of each of the Reference Collateral Issues comprised in the Additional Reference Collateral Assets.
- 2.2 Where Recovery Access is specified as applicable in the applicable Final Terms, on, or around, each Reference Collateral Interest Payment Date (if any), the Issuer will be obliged to pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the scheduled Reference Collateral Coupon Amount (if any) due to be paid on such Reference Collateral Interest Payment Date (if any) and/or, where a Collateral Exchange has taken place in respect of all or part of the relevant Reference Collateral Assets, scheduled to be received by the Issuer from the Collateral Exchange Counterparty provided that no Early Redemption Event or Event of Default has occurred.

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

- 2.3 Where Recovery Access is not specified as applicable in the applicable Final Terms, on or around, each Reference Collateral Interest Payment Date (if any), the Issuer will pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the Reference Collateral Coupon Amount received by the Issuer on the Reference Collateral Interest Payment Date, or where a Collateral Exchange has taken place in respect of all or part of the relevant Reference Collateral Assets, received by the Issuer from the Collateral Exchange Counterparty provided that no Early Redemption Event or Event of Default has occurred.
- 2.4 If an Interim Payment Amount is payable in respect of the Secured Securities, the Swap Counterparty will pay an amount to the Issuer which will be equal to such Interim Payment Amount on or before the date on which such payment is due to be made by the Issuer provided that no Early Redemption Event or Event of Default has occurred.
- 2.5 Where RCA Maturity Call and Par Redemption are specified as applicable in the applicable Final Terms:
- (a) on or around any RCA Maturity Call Option Date which relates to a redemption of the Reference Collateral Assets in part but not whole, the Issuer will pay an amount to the Swap Counterparty in the Reference Collateral Currency equal to the redemption proceeds due to be received by the Issuer in connection with such RCA Maturity Call Option Event provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
  - (b) on the Final RCA Maturity Call Option Date, the Issuer will pay to the Swap Counterparty an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment due to be received by the Issuer provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred; and
  - (c) on or prior to the Final Payment Date, the Swap Counterparty will pay an amount to the Issuer which will be equal to the aggregate of the Final Payment Amounts that the Issuer is scheduled to pay in respect of the Secured Securities then outstanding, provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 2.6 The notional amount of the Swap Agreement and the aggregate nominal amount of the Reference Collateral Assets will be reduced to take account of any purchase and cancellation of Secured Securities by the Issuer so that the notional amount of the Swap Agreement will be equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any such repurchase and the RCA Nominal Amount will be reduced in the same proportion as the Aggregate Issue Amount of the Secured Securities is reduced in connection with any purchase and cancellation of Secured Securities.
- 2.7 Payments under the Swap Agreement will only be made on Swap Business Days.
- 2.8 If so specified in the applicable Final Terms, a Credit Support Structure may apply to the Secured Securities.
- 3. Payments under, and deliveries in respect of, the Reference Collateral Assets**
- 3.1 On or around the Initial Reference Collateral Assets Purchase Date for the Applicable Tranche, the Issuer will use the amount received from the Swap Counterparty under the Swap Agreement to purchase the relevant Additional Reference Collateral Assets.
- 3.2 Where the Reference Collateral Assets bear interest, on each Reference Collateral Interest Payment Date, subject to a Collateral Exchange not having taken place (where applicable), the relevant RCA Issuer will pay an amount of interest to the Issuer in respect of the nominal amount of the relevant Reference Collateral Assets held by the Issuer at such time.



## **CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES**

- 3.3 Where RCA Maturity Call and Par Redemption are specified as applicable in the applicable Final Terms:
- (a) on each RCA Maturity Call Option Date which is not the Final RCA Maturity Call Option Date, the RCA Issuer will pay an amount of principal and accrued interest thereon in respect of the nominal amount of the Reference Collateral Assets held by the Issuer at such time which are being redeemed and the RCA Nominal Amount will be reduced by the nominal amount of the Reference Collateral Assets held by the Issuer which are redeemed; and
  - (b) on the Final RCA Maturity Call Option Date (if any) which occurs during the Par Redemption Period, the RCA Issuer will pay to the Issuer an amount (if any) in the relevant Reference Collateral Currency equal to the Scheduled Final Bond Payment provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.
- 3.4 Where RCA Maturity Call is not specified as applicable in the applicable Final Terms or no Final RCA Maturity Option Call Date occurs during the Par Redemption Period, on the relevant Final Payment Date, the Issuer will deliver the Reference Collateral Assets to the Holders provided that no Call Event (where applicable), Early Redemption Event or Event of Default has occurred.

### **4. Arrangements upon which payments to investors are dependent**

The Issuer is dependent on receiving payments (if any) when due from the Swap Counterparty pursuant to the Swap Agreement in the manner described in paragraph 2 above in order to pay (where applicable):

- (a) any Interim Payment Amount in respect of each outstanding Security; and/or
- (b) where the Final RCA Maturity Date occurs during the Par Redemption Period, the Final Payment Amount on the Final Payment Date in respect of each outstanding Security.

### **CALL EVENTS**

Where Issuer Call Option is applicable to a series of Securities and a Call Event occurs, the Swap Agreement shall terminate on the Optional Redemption Date without a termination payment being payable by either party and, on the Optional Redemption Date, the Issuer shall procure the delivery of a nominal amount of the Specified Reference Collateral Assets equal to the aggregate Notional Amount of the Securities then outstanding to the Swap Counterparty against payment by the Swap Counterparty to the Issuer of an amount equal to the Optional Redemption Amount, together with any accrued but unpaid interest, payable in respect of each Security.

### **SUSPENSION OF PAYMENTS**

Where Suspension of Payments is applicable to a series of Securities and the Calculation Agent has determined that a Suspension Event has occurred, then the Swap Counterparty's obligation to make payment of a relevant amount to the Issuer shall be postponed to at least the end of the Suspension Period subject to the occurrence of an Event of Default or Early Redemption Event.

### **REPLACEMENT OF RCA**

Where RCA Merger Event and RCA Reference Entity/Issuer/Guarantor Merger is applicable to a series of Securities and the Calculation Agent has determined that such a RCA Merger has occurred and the Issuer determines to replace the Affected RCA with Similar Reference Collateral Assets, the Issuer will pay the sale proceeds from a sale of the Affected RCA to the Swap Counterparty and will receive from the Swap Counterparty an amount equal to the amount required to purchase the relevant Similar Reference Collateral Assets.

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

### GROUP COLLATERALISATION

Where Group Collateralisation is specified to be not applicable in the applicable Final Terms for a series of Secured Securities:

- (a) on each date that the BNPP Holding increases, the RCA Nominal Amount of the relevant Specified Reference Collateral Assets held in respect of the relevant series of Secured Securities will decrease in the same proportion as the number of Placed Secured Securities decreases and, on the relevant Additional Posting Date relating to the date that the BNPP Holding decreases, the RCA Nominal Amount of the relevant Specified Reference Collateral Assets held in respect of the relevant series of Secured Securities will increase in the same proportion as the number of Placed Secured Securities increases;
- (b) on, or around, the date that the BNPP Holding decreases, the Issuer will pay an amount to the Swap Counterparty which is equal to the proceeds of sale of the relevant Secured Securities which have become Placed Secured Securities and, on or before the applicable Additional Posting Date, the Swap Counterparty will pay one or more amounts to the Issuer in the relevant Reference Collateral Currency or Reference Collateral Currencies (where applicable) which is equal to the Reference Collateral Purchase Price of the additional Specified Reference Collateral Assets to be acquired by the Issuer to reflect the proportional increase in the RCA Nominal Amount of the relevant Specified Reference Collateral Assets held in respect of the relevant series of Secured Securities; and
- (c) payments by the Swap Counterparty under the Swap Agreement in respect of Interim Payment Amounts or Final Payment Amounts will be calculated in respect of the aggregate notional amount of the Placed Secured Securities immediately prior to the relevant Interim Payment Date and/or Final Payment Date.

### DEFINITIONS

As used in the Charged Asset Structures, the following terms have the meanings set out below:

**"Additional Posting Date"** has the meaning given to it in Part C or, as applicable, Part D, of Annex 13 (Additional Terms and Conditions for Secured Securities);

**"Additional Reference Collateral Amount"** means a nominal amount of Reference Collateral Assets equal to the Reference Collateral Currency Equivalent of the product of the Collateralisation Level and the aggregate Notional Amount of the Applicable Tranche. **"Aggregate Automatic Early Redemption Amounts"** means the aggregate of the Automatic Early Redemption Amounts payable in respect of the relevant Secured Securities;

**"Aggregate Issue Amount"** means an amount equal to the aggregate Notional Amount of the relevant series of Secured Securities, or such other amount as specified in the applicable Final Terms or, where Group Collateralisation is not applicable, the aggregate Notional Amount of the Securities of the relevant series of Secured Securities which are Placed Secured Securities;

**"Applicable Tranche"** means the Tranche of Secured Securities which are the subject of the relevant Final Terms and which is to be consolidated and form a single series with existing tranches of the same series of Secured Securities as specified in the relevant Final Terms;

**"BNPP Holding"** has the meaning given to it in Part C or, as applicable, Part D of Annex 13 (Additional Terms and Conditions for Secured Securities);

**"Collateral Exchange"** means the Collateral Exchange Counterparty gives notice to the Issuer that it wishes the Issuer to transfer to the Collateral Exchange Counterparty the relevant Reference Collateral Assets and, where

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

applicable, that the Collateral Exchange Counterparty will deliver, or procure the delivery of, Replacement Collateral Assets to the Issuer as collateral;

**"Collateral Exchange Agreement"** means the agreement between the Collateral Exchange Counterparty and the Issuer setting out the terms of one or more Collateral Exchanges between the parties;

**"Collateralisation Notional Amount"** means, at any time, an amount equal to the Aggregate Issue Amount of the Secured Securities left outstanding immediately following any repurchase multiplied by the Collateralisation Level of the Secured Securities then outstanding;

**"Credit Default Swap"** means the credit default swap agreement entered into between the Issuer and the Swap Counterparty;

**"Early Redemption Date"** means an Early Redemption Date as defined in Part C or, as applicable, Part D, of Annex 13 (Additional Terms and Conditions for Secured Securities);

**"Early Redemption Event"** means an Early Redemption Event as defined in Part C or, as applicable, Part D, of Annex 13 (Additional Terms and Conditions for Secured Securities);

**"Final Payment Amount"** means the Cash Settlement Amount;

**"Final Payment Date"** means the Redemption Date;

**"Final RCA Maturity Call Option Date"** means the RCA Maturity Call Option Date in respect of which the Reference Collateral Assets are redeemed in full;

**"Final Repurchase Price Payment"** means the Repurchase Price paid to the Issuer by the Repo Counterparty on the Final Repurchase Date excluding the amount of Price Differential paid as part of such Repurchase Price;

**"Interest Rate Swap"** means an interest rate swap agreement entered into between the Issuer and the Swap Counterparty;

**"Initial Posting Date"** has the meaning given to it in Part C or, as applicable, Part D, of Annex 13 (Additional Terms and Conditions for Secured Securities);

**"Initial Reference Collateral Assets Purchase Date"** means the Initial Posting Date for the relevant Reference Collateral Issue;

**"Initial Repo Purchase Date"** means the Initial Posting Date;

**"Interim Payment Amount"** means an Interest Amount or a Premium Amount;

**"Interim Payment Date"** means each Interest Payment Date or Premium Amount Payment Date applicable to the relevant Secured Securities;

**"Original Issue Date"** means, in respect of an Applicable Tranche, the issue date of the first tranche of the Secured Securities of the series with which the Applicable Tranche is to be consolidated and form a single series;

**"Payment Deferment Event"** has the meaning given to it in Part C or, as applicable, Part D, of Annex 13 (Additional Terms and Conditions for Secured Securities);

**"Placed Secured Securities"** has the meaning given to it in Part C or, as applicable, Part D, of Annex 13 (Additional Terms and Conditions for Secured Securities);

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

**"Qualifying Collateral"** means the Eligible Collateral specified as such in the applicable Final Terms;

**"RCA Issuer"** means the issuer(s) of the Reference Collateral Assets specified in the applicable Final Terms;

**"RCA Maturity Call Option Date"** has the meaning given to it in Part C or, as applicable, Part D, of Annex 13 (Additional Terms and Conditions for Secured Securities);

**"RCA Nominal Amount"** means the amount specified in the applicable Final Terms, and, on any day, such nominal amount as reduced in the same proportion as the Aggregate Issue Amount of the Secured Securities is reduced following any purchase and cancellation of the relevant Secured Securities.

**"Reference Collateral Assets"** means the securities specified as such in the applicable Final Terms;

**"Reference Collateral Currency"** means the currency in which the Reference Collateral Assets are denominated and which may be specified as the RCA Currency in the applicable Final Terms;

**"Reference Collateral Coupon Amount"** means the amount of interest scheduled to be paid by the RCA Issuer(s) in respect of the nominal amount of the Reference Collateral Assets held by the Issuer on the relevant Reference Collateral Interest Payment Date and which will be calculated by reference to the RCA Interest Rate specified in the applicable Final Terms;

**"Reference Collateral Currency Equivalent"** means, in respect of any amount, where the relevant series of Secured Securities and the relevant Reference Collateral Assets are denominated in the same currency, such amount or, where the relevant Reference Collateral Assets and the Securities are denominated in different currencies, the equivalent in the relevant Reference Collateral Currency of the relevant amount (which may be determined by applying one or more fixed exchange rate set out in the relevant Swap Agreement to the currency amount in which the relevant series of Secured Securities is denominated);

**"Reference Collateral Credit Event"** has the meaning given to it in Part C or, as applicable, Part D, of Annex 13 (Additional Terms and Conditions for Secured Securities);

**"Reference Collateral Credit Event Notice"** has the meaning given to it in Part C or, as applicable, Part D, of Annex 13 (Additional Terms and Conditions for Secured Securities);

**"Reference Collateral Interest Payment Date"** means each date on which a RCA Issuer is scheduled to pay interest (or an equivalent payment or distribution) in respect of the relevant Reference Collateral Assets which may be specified as the RCA Interest Payment Dates in the applicable Final Terms or such other date(s) specified in the applicable Final Terms;

**"Reference Collateral Issue"** means, where only one type or issue of securities is specified as the Reference Collateral Assets for the relevant series of Secured Securities, such Reference Collateral Assets specified in the applicable Final Terms, or where more than one type or issue of securities is specified as the Reference Collateral Assets, each such type or issue of securities specified as Reference Collateral Assets for the relevant series of Secured Securities specified in the applicable Final Terms;

**"Reference Collateral Purchase Price"** or **"RCA Price"** means the purchase price at which the Issuer acquires the relevant Reference Collateral Issue;

**"Repurchase Date"** means each date specified as such in the applicable Repurchase Agreement;

**"Repurchase Agreement"** means, in respect of a series of Secured Securities, the repurchase agreement entered into between the Issuer and the Repo Counterparty specified in the applicable Final Terms in connection with the relevant series of Secured Securities;

## CHARGED ASSET STRUCTURES – PART V – DESCRIPTION OF CHARGED ASSET STRUCTURES

**"Scheduled Final Bond Payment"** has the meaning given to it in Part C or, as applicable, Part D, of Annex 13 (Additional Terms and Conditions for Secured Securities);

**"Scheduled Final Bond Payment Date"** means the date or dates specified as such in the applicable Final Terms and which may be specified as the RCA Maturity Date in the applicable Final Terms;

**"Swap Agreement"** means, in respect of a series of Secured Securities, together, one or more derivatives transactions (as amended from time to time) entered into between the Issuer and the Swap Counterparty specified in the applicable Final Terms in connection with the relevant Secured Securities and, in connection with Charged Asset Structure 4 shall include each of the Interest Rate Swap and Credit Default Swap; and

**"Swap Business Days"** has the meaning given to it in Part C or, as applicable, Part D, of Annex 13 (Additional Terms and Conditions for Secured Securities).

## DESCRIPTION OF THE CHARGED ASSETS – PART VI - COLLATERAL EXCHANGE STRUCTURES

### DESCRIPTION OF THE CHARGED ASSETS – PART VI - COLLATERAL EXCHANGE STRUCTURES

*One or more of the following descriptions of the Collateral Exchange Structures may apply to the Secured Securities where Part C or Part D of Annex 13(Additional Terms and Conditions for Secured Securities) is specified in the applicable Final Terms, which will also set out certain other information ("Variable Information") applicable to the relevant Collateral Exchange Structure (if any) as specified below provided that not more than one Collateral Exchange Structure may apply to any one series of Certificates*

*The applicable Final Terms will specify the Collateral Exchange Structure which is applicable (if any) and set out the relevant Variable Information relating to the relevant series of Secured Securities. No Collateral Exchange Structure shall apply where Charged Asset Structure 3 (Repurchase Agreement and Swap Agreement) is applicable.*

#### 1. COLLATERAL EXCHANGE STRUCTURE 1 – TWO WAY TRANSFER

- 1.1 On or before the Issue Date, the Issuer will enter into the Collateral Exchange Agreement with the Collateral Exchange Counterparty.
- 1.2 For further details relating to the Collateral Exchange Agreement, please see "Description of the Charged Assets – Part IV – Description of the Collateral Exchange Agreement".
- 1.3 Under the Collateral Exchange Agreement, the Collateral Exchange Counterparty may make a request to the Issuer for a Collateral Exchange in which case the Issuer will transfer the relevant Reference Collateral Assets which are the subject of the request to the Collateral Exchange Counterparty and the Collateral Exchange Counterparty will transfer Replacement Collateral Assets as collateral.
- 1.4 On or prior to the Scheduled Exchange End Date, where a Collateral Exchange has taken place, the Collateral Exchange Counterparty will transfer Equivalent Securities in respect of the Reference Collateral Assets to the Issuer and the Issuer will transfer Equivalent Securities in respect of the Replacement Collateral Assets to the Collateral Exchange Counterparty.
- 1.5 Where a Collateral Exchange has taken place, the Collateral Exchange Counterparty will pay amounts equal to any amounts of interest it receives in respect of the Reference Collateral Assets which have been the subject of such Collateral Exchange (net of any withholding or deduction on account of any applicable taxes, where Counterparty Net Payments is specified as applicable in the applicable Final Terms) to the Issuer and the Issuer will pay amounts equal to any amounts of interest it receives in respect of the relevant Replacement Collateral Assets (net of any withholding or deduction on account of any applicable taxes) to the Collateral Exchange Counterparty.
- 1.6 Under the Collateral Exchange Agreement, the Value of the Received Collateral which is the subject of the then current Exchange Transaction will be determined by the Collateral Exchange Counterparty on each Exchange Transaction Valuation Date. If on any Exchange Transaction Valuation Date the Issuer has a Net Exposure to the Collateral Exchange Counterparty exceeding the Minimum Transfer Amount, the Collateral Exchange Counterparty will transfer further Replacement Collateral Assets with a Value at least equal to such Net Exposure to the Issuer as margin on or prior to the Margin Delivery Date; if on any Exchange Transaction Valuation Date, the Value of the Replacement Collateral Assets is greater than the Value of the Received Collateral by an amount equal to or greater than the Minimum Transfer Amount, then the Issuer will transfer an amount of Equivalent Securities in respect of the Replacement Collateral Assets with a Value equal to such excess to the Collateral Exchange Counterparty upon request by the Collateral Exchange Counterparty.

#### 2. COLLATERAL EXCHANGE STRUCTURE 2 – ONE WAY TRANSFER SECURITIES LENDING

## DESCRIPTION OF THE CHARGED ASSETS – PART VI - COLLATERAL EXCHANGE STRUCTURES

- 2.1 On or before the Issue Date, the Issuer will enter into the Collateral Exchange Agreement with the Collateral Exchange Counterparty.
- 2.2 For further details relating to the Collateral Exchange Agreement, please see "Description of the Charged Assets – Part IV – Description of the Collateral Exchange Agreement".
- 2.3 Under the Collateral Exchange Agreement, the Collateral Exchange Counterparty may make a request to the Issuer for a Collateral Exchange in which case the Issuer will transfer the relevant Reference Collateral Assets which are the subject of the request to the Collateral Exchange Counterparty.
- 2.4 On or prior to the Scheduled Exchange End Date, where a Collateral Exchange has taken place, the Collateral Exchange Counterparty will transfer Equivalent Securities in respect of the Reference Collateral Assets to the Issuer.
- 2.5 Where a Collateral Exchange has taken place, the Collateral Exchange Counterparty will pay amounts equal to any amounts of interest it receives in respect of the Reference Collateral Assets which have been the subject of such Collateral Exchange (net of any withholding or deduction on account of any applicable taxes, where Counterparty Net Payments is specified as applicable in the applicable Final Terms) to the Issuer.

### 3. COLLATERAL EXCHANGE STRUCTURE 3 – TRIPARTY TRANSFER

- 3.1 On or before the Issue Date, the Issuer will enter into the Collateral Exchange Agreement with the Collateral Exchange Counterparty and the Issuer and the Collateral Exchange Counterparty will enter into the Triparty Agreement with the Triparty Services Agent.
- 3.2 For further details relating to the Collateral Exchange Agreement, please see "*Description of the Charged Assets – Part IV – Description of the Collateral Exchange Agreement*".
- 3.3 Under the Collateral Exchange Agreement, the Collateral Exchange Counterparty may make a request to the Issuer for a Collateral Exchange in which case the Issuer will procure the transfer of the relevant Reference Collateral Assets which are the subject of the request to the Collateral Exchange Counterparty and the Triparty Services Agent, on behalf of the Collateral Exchange Counterparty, will transfer Replacement Collateral Assets to the Issuer as collateral.
- 3.4 On or prior to the Scheduled Exchange End Date, where a Collateral Exchange has taken place, the Collateral Exchange Counterparty, will transfer Equivalent Securities in respect of the Reference Collateral Assets which were are the subject of a Collateral Exchange to the Issuer and, the Issuer, or the Triparty Services Agent on the Issuer's behalf, will transfer Equivalent Securities in respect of the Replacement Collateral Assets to the Collateral Exchange Counterparty.
- 3.5 Where a Collateral Exchange has taken place, the Collateral Exchange Counterparty will procure that amounts of interest received by the Collateral Exchange Counterparty in respect of the Reference Collateral Assets which have been the subject of such Collateral Exchange are paid to the Issuer (net of any withholding or deduction on account of any applicable taxes, where Counterparty Net Payments is specified as applicable in the applicable Final Terms) and the Issuer will procure that amounts of interest received by the Issuer in respect of the Replacement Collateral Assets which have been received by the Issuer in connection with such Collateral Exchange are paid to the Collateral Exchange Counterparty (net of any withholding or deduction on account of any applicable taxes).
- 3.6 Under the Collateral Exchange Agreement, the Value of the Received Collateral which is the subject of the then current Exchange Transaction will be determined by the Triparty Services Agent on each Exchange Transaction Valuation Date. If on any Exchange Transaction Valuation Date the Issuer has a Net Exposure to the Collateral

## DESCRIPTION OF THE CHARGED ASSETS – PART VI - COLLATERAL EXCHANGE STRUCTURES

Exchange Counterparty exceeding the Minimum Transfer Amount, the Triparty Services Agent will on behalf of the Collateral Exchange Counterparty transfer further Replacement Collateral Assets with a Value at least equal to such Net Exposure to the Issuer as margin on or prior to the Margin Delivery Date; if on any Exchange Transaction Valuation Date, the Value of the Replacement Collateral Assets is greater than the Value of the Received Collateral by an amount equal to or greater than the Minimum Transfer Amount, then the Triparty Services Agent, on behalf of the Issuer transfer an amount of Equivalent Securities in respect of the Replacement Collateral Assets with a Value equal to such excess to the Collateral Exchange Counterparty.

### 4. NET EXPOSURE

For the purposes of Collateral Exchange Structures 1 and 3, the Issuer will have a "**Net Exposure**" to the Collateral Exchange Counterparty if the Exchange Value exceeds the Exchange Margin Calculation Value of the Replacement Collateral Assets which are the subject of the then current Exchange Transaction already transferred to the Issuer by the Collateral Exchange Counterparty.

### 5. DEFINITIONS/VARIABLE INFORMATION

As used in the Collateral Exchange Structures, the following terms have the meanings set out below:

"**Exchange Margin Calculation Value**" means the sum of (i) the Margin Calculation Value of the Replacement Collateral Assets which are the subject of the then current Exchange Transaction already transferred to the Issuer by the Collateral Exchange Counterparty and (ii) such other amounts (if any) specified in the applicable Final Terms.

"**Exchange Transaction Valuation Date**" means the date or dates specified as such in the applicable Final Terms.

"**Exchange Value**" means the sum of (i) Value of the Received Collateral which is the subject of the then current Exchange Transaction and (ii) such other amounts (if any) specified in the applicable Final Terms.

"**Margin Calculation Value**" means the Value multiplied by the Over Collateralisation Level.

"**Margin Delivery Date**" means the date specified as such in the applicable Final Terms.

"**Minimum Transfer Amount**" means the amount specified as such in the applicable Final Terms.

"**Over Collateralisation Level**" means the percentage or amount specified as such in the applicable Final Terms. If no Over Collateralisation Level is specified in the applicable Final Terms, the applicable Over Collateralisation Level shall be equal to 100 per cent.

"**Replacement Collateral Assets**" means the securities specified as such in the applicable Final Terms.

"**Scheduled Exchange End Date**" means the Scheduled Final Bond Payment Date (or where there is more than one Scheduled Final Bond Payment Date, the latest Scheduled Final Bond Payment Date) or the Call Exercise Date if Issuer Call Option is specified as applicable in the applicable Final Terms and a Call Event occurs.

"**Value**" means, in respect of any security the market value of such security, as determined by the Calculation Agent in a commercially reasonable manner.



## DESCRIPTION OF THE CHARGED ASSETS – PART VII - CREDIT SUPPORT STRUCTURES

### DESCRIPTION OF THE CHARGED ASSETS – PART VII - CREDIT SUPPORT STRUCTURES

*One or more of the following descriptions of the Credit Support Structures may apply to the Secured Securities where Part C or Part D of Annex 13(Additional Terms and Conditions for Secured Securities) is specified in the applicable Final Terms, which will also set out certain other information ("**Variable Information**") applicable to the relevant Credit Support Structure (if any) as specified below provided that not more than one Credit Support Structure may apply to any one Swap Agreement, Repurchase Agreement or Collateral Exchange Agreement, as the case may be.*

*The applicable Final Terms will specify the Credit Support Structure which is applicable (if any) and set out the relevant Variable Information relating to the relevant series of Secured Securities.*

#### 1. CREDIT SUPPORT STRUCTURE 1

##### 1. General

- 1.1 The Swap Counterparty and the Issuer will enter into a Credit Support Deed with respect to the Swap Agreement.
- 1.2 For further details relating to collateralisation under the Swap Agreement, please see "*Description of the Charged Assets – Part II – Description of the Swap Agreement - Collateralisation*".

##### 2. Credit Support

Under the Credit Support Deed the Swap Counterparty will post collateral in respect of its obligations under the Swap Agreement and grant English law governed security over such collateral in favour of the Issuer. The Issuer will assign its rights under the Credit Support Deed by way of security in favour of the Security Trustee (in respect of English Law Securities) or the French Collateral Security Agent (in respect of French Law Securities). However the Collateral does not constitute Charged Assets and is not owned by the Issuer. The Swap Counterparty Collateral (as defined below) will be held by BNP Paribas Securities Services, Luxembourg Branch on behalf of the Issuer as custodian in a segregated account in accordance with the terms of the Credit Support Deed. As soon as practicable following the date on which the intragroup merger between BNPP and BNP Paribas Securities Services SCA takes effect (being 1 October 2022 or such other date notified to Holders in accordance with the Conditions), the Swap Counterparty Collateral will be transferred to a segregated account of BNP Paribas, Succursale de Luxembourg and held by BNP Paribas, Succursale de Luxembourg, as custodian, on behalf of the Issuer in accordance with the terms of the Credit Support Deed.

##### 3. Collateral

- 3.1 Under the Credit Support Deed the Swap Counterparty will post Swap Counterparty Collateral in respect of its obligations under the Swap Agreement. The "**Swap Counterparty Collateral**" in respect of a Swap Agreement will be those assets specified in the applicable Final Terms.
- 3.2 The amount of Swap Counterparty Collateral posted by the Swap Counterparty will be adjusted on each Swap Agreement Valuation Date so that it is equal in value, (as multiplied by the valuation percentage applicable to relevant item of collateral), as determined by the Credit Support Valuation Agent acting in its sole and absolute discretion, to the product of the Support Percentage and the MtM Value of the Swap Agreement on such Swap Agreement Valuation Date. Where a Minimum Transfer Amount is specified in the applicable Final Terms, any adjustments to the amount of Swap Counterparty Collateral will only take place where such adjustment would exceed the relevant Minimum Transfer Amount. Where a Non-Posting Period is specified in the applicable Final Terms, the Swap Counterparty will not post any collateral for the relevant period and the security over the Swap Counterparty Collateral will be released and the Swap Counterparty Collateral will be returned to the Swap Counterparty.

## DESCRIPTION OF THE CHARGED ASSETS – PART VII - CREDIT SUPPORT STRUCTURES

### 2. CREDIT SUPPORT STRUCTURE 2

#### 1. General

- 1.1 The Swap Counterparty and the Issuer will enter into a Credit Support Annex with respect to the Swap Agreement.
- 1.2 For further details relating to collateralisation under the Swap Agreement, please see "*Description of the Charged Assets – Description of the Swap Agreement - Collateralisation*".

#### 2. Credit Support

Under the Credit Support Annex the Swap Counterparty will transfer collateral in respect of its obligations under the Swap Agreement to the Issuer. The Issuer will assign its rights under the Credit Support Annex by way of security in favour of the Security Trustee (in respect of English Law Securities) or the French Collateral Security Agent (in respect of French Law Securities) and the Swap Counterparty Collateral will constitute Credit Support Assets and form part of the Collateral Assets. The Swap Counterparty Collateral will be held by the Collateral Custodian on behalf of the Issuer.

#### 3. Collateral

- 3.1 Under the Credit Support Annex the Swap Counterparty will transfer collateral in respect of its obligations under the Swap Agreement. The "**Swap Counterparty Collateral**" in respect of a Swap Agreement will be those assets specified in the applicable Final Terms. Swap Counterparty Collateral will constitute Credit Support Assets for the purposes of Part C or, as applicable, Part D, of Annex 13.
- 3.2 The amount of Swap Counterparty Collateral posted by the Swap Counterparty will be adjusted on each Swap Agreement Valuation Date so that it is equal in value, (as multiplied by the valuation percentage applicable to relevant item of collateral), as determined by the Credit Support Valuation Agent acting in its sole and absolute discretion, to the product of the Support Percentage and the MtM Value of the Swap Agreement on such Swap Agreement Valuation Date. Where a Minimum Transfer Amount is specified in the applicable Final Terms, any adjustments to the amount of Swap Counterparty Collateral will only take place where such adjustment would exceed the relevant Minimum Transfer Amount. Where a Non-Posting Period is specified in the applicable Final Terms, the Swap Counterparty will not transfer any Swap Counterparty Collateral for the relevant period and the Issuer will transfer securities equivalent to the Swap Counterparty Collateral previously transferred to it by the Swap Counterparty to the Swap Counterparty.

### 3. CREDIT SUPPORT STRUCTURE 3

#### 1. General

- 1.1 The Swap Counterparty and the Issuer will enter into a Credit Support Annex with respect to the Swap Agreement.
- 1.2 For further details relating to collateralisation under the Swap Agreement, please see "*Description of the Charged Assets – Part II – Description of the Swap Agreement - Collateralisation*".

#### 2. Credit Support

Under the Credit Support Annex the Swap Counterparty will transfer collateral in respect of its obligations under the Swap Agreement to the Issuer and the Issuer will transfer collateral in respect of its obligations under the Swap Agreement to the Swap Counterparty. The Issuer will assign its rights under the Credit Support Annex by way of security in favour of the Security Trustee (in respect of English Law Securities) or the French Collateral

## DESCRIPTION OF THE CHARGED ASSETS – PART VII - CREDIT SUPPORT STRUCTURES

Security Agent (in respect of French Law Securities) and the Swap Counterparty Collateral will Swap Counterparty Collateral will constitute Credit Support Assets and from part of the Collateral Assets. The Swap Counterparty Collateral will be held by the Collateral Custodian on behalf of the Issuer.

### 3. Collateral

- 3.1 Under the Credit Support Annex the Swap Counterparty will transfer Swap Counterparty Collateral in respect of its obligations under the Swap Agreement. The "**Swap Counterparty Collateral**" in respect of a Swap Agreement will be those assets specified in the applicable Final Terms.
- 3.2 Under the Credit Support Annex the Issuer will transfer Reference Collateral Assets to the Swap Counterparty in respect of its obligations under the Swap Agreement (the "**Issuer Posted Collateral**").
- 3.3 The amount of Swap Counterparty Collateral transferred by the Swap Counterparty to the Issuer or by the Issuer to the Swap Counterparty will be adjusted on each Swap Agreement Valuation Date so that it is equal in value (as multiplied by the valuation percentage applicable to relevant item of collateral), as determined by the Credit Support Valuation Agent acting in its sole and absolute discretion, to the product of the Support Percentage and the MtM Value of the Swap Agreement on such Swap Agreement Valuation Date. Where a Minimum Transfer Amount is specified in the applicable Final Terms, any adjustments to the amount of Swap Counterparty Collateral will only take place where such adjustment would exceed the relevant Minimum Transfer Amount.
- 3.4 The Issuer will not be required to transfer at any time in aggregate a nominal amount of the Reference Collateral Assets which is greater than the then Aggregate Amount of the Secured Securities as Issuer Posted Collateral under the Credit Support Annex. Where a Minimum Transfer Amount is specified in the applicable Final Terms, any adjustments to the amount of Swap Counterparty Collateral will only take place where such adjustment would exceed the relevant Minimum Transfer Amount.
- 3.5 Where a Collateral Exchange Structure is also applicable to the relevant series of Notional Value Repack Securities and the Issuer has transferred Reference Collateral Assets to the Collateral Exchange Counterparty, the Issuer will not be required to transfer at any time as Issuer Posted Collateral under the Credit Support Annex in aggregate a nominal amount of the Reference Collateral Assets which is greater than the then Aggregate Amount of the Secured Securities less the nominal amount of Reference Collateral Assets which has been transferred to the Collateral Exchange Counterparty.
- 3.6 Where a Non-Posting Period is specified in the applicable Final Terms in respect of the Swap Counterparty, the Swap Counterparty will not post any Swap Counterparty Collateral for the relevant period and the Issuer will transfer securities equivalent to the Swap Counterparty Collateral previously transferred by the Swap Counterparty to the Swap Counterparty. Where a Non-Posting Period is specified in the applicable Final Terms in respect of the Issuer, the Issuer will not post any Issuer Posted Collateral for the relevant period and the Swap Counterparty will transfer Equivalent Issuer Posted Collateral to the Issuer.

### 4. CREDIT SUPPORT STRUCTURE 4

**This Credit Support Structure shall only be applicable if specified in the applicable Final Terms and if Charged Asset Structure 3 (Repurchase Agreement and Swap Agreement) is specified as applicable.**

Under the Repurchase Agreement, the Value of the Repo Collateral Securities which are the subject of the then current Repo Transaction will be determined by the Repo Calculation Agent on each Repo Transaction Valuation Date. If on any Repo Transaction Valuation Date the Issuer has a Net Exposure to the Repo Counterparty exceeding the Minimum Transfer Amount, the Repo Counterparty will transfer further Repo Collateral Securities with a Value at least equal to such Net Exposure to the Issuer as margin on or prior to the Margin Delivery Date; if on any Repo Transaction Valuation Date, the Value of the Repo Collateral Securities is greater

## DESCRIPTION OF THE CHARGED ASSETS – PART VII - CREDIT SUPPORT STRUCTURES

than the Repurchase Price by an amount equal to or greater than the Minimum Transfer Amount, then the Issuer will transfer an amount of Equivalent Securities in respect of the Repo Collateral Securities with a Value equal to such excess to the Repo Counterparty upon request by the Repo Counterparty.

For this purpose, the Issuer has a "**Net Exposure**" to the Repo Counterparty if the Repurchase Price exceeds the Margin Calculation Value of the Repo Collateral Securities which are the subject of the then current Repo Transaction already transferred to the Issuer by the Repo Counterparty.

### 5. DEFINITIONS/VARIABLE INFORMATION

As used in the Credit Support Structures, the following terms have the meanings set out below:

"**Aggregate Amount**" means the aggregate Notional Amount then outstanding of the Secured Securities.

"**Credit Support Valuation Agent**" means the party specified as such in the applicable Final Terms.

"**Margin Calculation Value**" means the Value multiplied by the Over Collateralisation Level.

"**Margin Delivery Date**" means the date specified as such in the applicable Final Terms.

"**Minimum Transfer Amount**" means the amount specified as such in the applicable Final Terms.

"**Over Collateralisation Level**" means the percentage or amount specified as such in the applicable Final Terms. If no Over Collateralisation Level is specified in the applicable Final Terms, the applicable Over Collateralisation Level shall be equal to 100 per cent.

"**Repo Transaction Valuation Date**" means the date or dates specified as such in the applicable Final Terms.

"**Support Percentage**" means the percentage specified in the applicable Final Terms. If no Support Percentage is specified in the applicable Final Terms, the applicable Support Percentage shall be equal to 100 per cent.

"**Swap Agreement Valuation Date**" means the date or dates specified as such in the applicable Final Terms.

"**Value**" means the market value or such other value specified in the applicable Final Terms.

[FORM OF] FINAL TERMS FOR CERTIFICATES

[The Issuer accepts responsibility for this unsigned document in PDF format dated [date] and confirms that it is the final version of the Final Terms relating to the Securities with [Series Number [Series Number]] [and] [ISIN [ISIN]]/[ISIN code(s) as specified in the section specific provisions for each series] for the issuance [and listing] of the Securities described herein.] / [The Issuer accepts responsibility for this unsigned document in PDF format dated on the date mentioned below that is the final version (internal reference "FV") of the Final Terms relating to the Securities described herein.]

[The Base Prospectus expires on 1 June 2023 [and the Issuer intends that the Base Prospectus will be updated before expiry]. The updated base prospectus will be available on [<https://rates-globalmarkets.bnpparibas.com/gm/Public/LegalDocs.aspx>].]<sup>1</sup>

[These Final Terms have been prepared in respect of an offer of Securities that were issued on [●] under the Base Prospectus for the issue of Certificates dated [●]. These Final Terms are provided for the purpose of disclosure only and are not intended to replace or supersede the Final Terms dated [●] issued in connection with the issue of Securities.]<sup>2</sup>

[These Final Terms have been prepared in respect of an offer of Securities that commenced on [●] under the Base Prospectus for the issue of Certificates dated [●]. These Final Terms replace the Final Terms dated [●] issued in connection with the offer.]<sup>3</sup>

FINAL TERMS DATED [●]

[BNP Paribas Issuance B.V.

*(incorporated in The Netherlands)*  
*(as Issuer)*

Legal entity identifier (LEI): 7245009UXRIGIRYOB48]

BNP Paribas

*(incorporated in France)*  
*(as [Issuer] / [Guarantor])*

Legal entity identifier (LEI): R0MUWSFPU8MPRO8K5P83

[insert title of Securities]

under the Note, Warrant and Certificate Programme  
of BNP Paribas Issuance B.V., BNP Paribas and BNP Paribas Fortis Funding  
The Base Prospectus received approval no. 22-189 on 1 June 2022

[BNP Paribas Arbitrage S.N.C.  
*(as Manager)*]

[Any person making or intending to make an offer of the Securities may only do so[

<sup>1</sup> Include in respect of an issue of Certificates for which the public offer period spans an update to the Base Prospectus or the Issue Date occurs after an update to the Base Prospectus where the public offer period concludes prior to the update to the Base Prospectus.

<sup>2</sup> To be inserted where the Offer Period spans the update of the Base Prospectus and the Securities have been issued prior to the update to the Base Prospectus.

<sup>3</sup> To be inserted where the Offer Period spans the update of the Base Prospectus and the Issue Date occurs after an update to the Base Prospectus.

## FORM OF FINAL TERMS FOR CERTIFICATES

- (i) in those Non-exempt Offer Jurisdictions mentioned in Paragraph 47 of Part A below, provided such person is a Manager or an Authorised Offeror (as such term is defined in the Base Prospectus) and that the offer is made during the Offer Period specified in that paragraph and that any conditions relevant to the use of the Base Prospectus are complied with; or
- (ii) otherwise]<sup>4</sup> in circumstances in which no obligation arises for the Issuer[, the Guarantor] or any Manager to publish a prospectus pursuant to [either of] [Article 3 of the Prospectus Regulation] [or] [Section 85 of the FSMA] or to supplement a prospectus pursuant to Article 23 of the Prospectus Regulation, in each case, in relation to such offer.

[Neither][None of] the Issuer [nor], [the Guarantor or] any Manager has authorised, nor do they authorise, the making of any offer of Securities in any other circumstances.]]<sup>5</sup>

[Investors should note that if a supplement to or an updated version of the Base Prospectus referred to below is published at any time during the Offer Period (as defined below), such supplement or updated base prospectus, as the case may be, will be published and made available in accordance with the arrangements applied to the original publication of these Final Terms. Any investors who have indicated acceptances of the Offer (as defined below) prior to the date of publication of such supplement or updated version of the Base Prospectus, as the case may be (the "**Publication Date**"), have the right within [three]/[specify longer period] working days of the Publication Date to withdraw their acceptances.]]<sup>6</sup>

[Investors who, before the Base Prospectus is published, have already agreed to purchase or subscribe for the Securities which are the subject of the Non-exempt Offer, where the Securities have not yet been delivered to such investors, have the right, exercisable within the period of [three]/[specify longer period] working days after the publication of the Base Prospectus to withdraw their acceptances. This right to withdraw shall expire by close of business on [●].]

### PART A – CONTRACTUAL TERMS

[Terms used herein shall be deemed to be defined as such for the purposes of the Conditions set forth in the Base Prospectus dated 1 June 2022[, [the][each] Supplement[s] to the Base Prospectus published and approved on or before the date of these Final Terms (copies of which are available as described below) and any other Supplement to the Base Prospectus which may have been published and approved before the issue of any additional amount of Securities (the "**Supplements**") (provided that to the extent any such Supplement (i) is published and approved after the date of these Final Terms and (ii) provides for any change to the Conditions of the Securities such changes shall have no effect with respect to the Conditions of the Securities to which these Final Terms relate)] which [together] constitute[s] a base prospectus for the purposes of Regulation (EU) 2017/1129 (the "**Prospectus Regulation**") (the "**Base Prospectus**"). [The Base Prospectus has been passported into Italy in compliance with Article 25 of the Prospectus Regulation.]]<sup>7</sup> This document constitutes the Final Terms of the Securities described herein for the purposes of the Prospectus Regulation and must be read in conjunction with the Base Prospectus to obtain all the relevant information. [A summary of the Securities is annexed to these Final Terms.] [**The Base Prospectus [[and][,] any Supplement(s) to the Base Prospectus] [and these Final Terms]**]<sup>8</sup> [is/are] available for viewing at [address] [and] [website] and copies may be obtained free of charge at the specified offices of the Security Agents.]]

*[The following alternative language applies if the Securities are being issued pursuant to Conditions set forth in a previous Base Prospectus that is incorporated by reference herein, such as the first tranche of an issue which is being increased was issued under a Base Prospectus with an earlier date. N.B. when using a post – 1 July 2012 approved Base Prospectus to tap a previous issue under a previously approved Base Prospectus, the final terms in the post – 1 July 2012*

<sup>4</sup> Include this wording where a non-exempt offer of Securities is anticipated.

<sup>5</sup> Do not include if "Prohibition of Sales to EEA and UK Retail Investors – Legend" and the related selling restrictions apply in all jurisdictions at all times.

<sup>6</sup> Include in respect of issues of Securities where the public offer period spans a supplement to the Base Prospectus or an update to the Base Prospectus.

<sup>7</sup> Include for public offers in Italy.

<sup>8</sup> Include in respect of issues of Securities that are listed.

## FORM OF FINAL TERMS FOR CERTIFICATES

*Base Prospectus may (and will if the previous issue was contemplated under a pre – 1 July 2012 Base Prospectus) take a different form to the final terms used for the original issue being tapped. The Conditions of the original issue being tapped should be reviewed to ensure that they would not require the final terms documenting the further issue to include information which is no longer permitted in final terms. Where the final terms documenting the further issue would need to include such information, it will not be possible to tap using final terms and a drawdown prospectus (incorporating the original Conditions and final terms) will instead need to be prepared.*

Terms used herein shall be deemed to be defined as such for the purposes of the Conditions (the "**Conditions**") set forth in the Base Prospectus dated [original date][, [the][each] Supplement[s] to it published and approved on or before the date of these Final Terms (copies of which are available as described below) and any other Supplement to it which may have been published and approved before the issue of any additional amount of Securities (the "**Supplements**") (provided that to the extent any such Supplement (i) is published and approved after the date of these Final Terms and (ii) provides for any change to the Conditions of the Securities such changes shall have no effect with respect to the Conditions of the Securities to which these Final Terms relate)] which are incorporated by reference in the Base Prospectus dated [current date]. This document constitutes the Final Terms of the Securities described herein for the purposes of Regulation (EU) 2017/1129 (the "**Prospectus Regulation**") and must be read in conjunction with the Base Prospectus dated [current date] [and any Supplement[s] to it] to obtain all relevant information, which [together] constitute[s] a base prospectus for the purposes of the Prospectus Regulation (the "**Base Prospectus**"), including the Conditions incorporated by reference in the Base Prospectus. [A summary of the Securities is annexed to these Final Terms.] [**The Base Prospectus** [[and][,] **any Supplement(s) to the Base Prospectus**] **[and these Final Terms]**<sup>9</sup> [is/are] available for viewing at [address] [and] [website] and copies may be obtained from [address].]

*[The following alternative language applies in respect of issues of Securities (a) where the public offer period spans a supplement to the Base Prospectus or an update to the Base Prospectus or (b) where the public offer period concludes prior to the publication of a supplement to the Base Prospectus or an update to the Base Prospectus, but the Issue Date of the Securities occurs after such publication.*

Terms used herein shall be deemed to be defined as such for the purposes of the Conditions (the "**Conditions**") set forth in the Base Prospectus dated [date][,][and][the][each] Supplement[s] to the Base Prospectus published and approved on or before the date of these Final Terms (copies of which are available as described below)] [notwithstanding the publication and approval of any [other] Supplement to the 2022 Base Prospectus (each a "**2022 Future Supplement**") which may have been published and approved after the date of these Final Terms and before the [issue] [end of the public offer period] of the Securities to which these Final Terms relate)] ([together,] the "**2022 Base Prospectus**") [and/or] [an updated Base Prospectus (and any Supplement(s) thereto, each a "**2023 Future Supplement**")], which will replace the 2022 Base Prospectus (the "**2023 Base Prospectus**")]) (the date of any such publication and approval, each a "**Publication Date**"). This document constitutes the Final Terms of the Securities described herein for the purposes of Regulation (EU) 2017/1129 (the "**Prospectus Regulation**") and [(i) prior to any Publication Date, must be read in conjunction with the 2022 Base Prospectus, or (ii)] on and after any Publication Date must be read in conjunction with [the 2022 Base Prospectus, as supplemented by any 2022 Future Supplement as at such date] [or, as applicable,] [the 2023 Base Prospectus, as supplemented by any 2023 Future Supplement as at such date], save in respect of the Conditions which are extracted from the 2022 Base Prospectus to obtain all the relevant information. The 2022 Base Prospectus, as supplemented, constitutes[, and the 2023 Base Prospectus will constitute,] a base prospectus for the purposes of the Prospectus Regulation. [The Issuer has in the 2022 Base Prospectus given consent to the use of the 2022 Base Prospectus in connection with the offer of the Securities. Such consent will be valid until the date that is twelve months following the date of the 2022 Base Prospectus. The Issuer will in the 2023 Base Prospectus give consent to the use of the 2023 Base Prospectus in connection with the offer of the Securities.] [A summary of the Securities is annexed to these Final Terms.] [**The 2022 Base Prospectus**[, as supplemented,] **[and] [these Final Terms]**<sup>10</sup> [is/are] available[, and the 2023

<sup>9</sup> Include in respect of issues of Securities that are listed.

<sup>10</sup> Include in respect of issues of Securities that are listed.

## FORM OF FINAL TERMS FOR CERTIFICATES

**Base Prospectus will be available] for viewing at [address] [and] [website] and copies may be obtained from [address].]**

*[Include whichever of the following apply or specify as "Not applicable". Note that the numbering should remain as set out below, even if "Not applicable" is indicated for individual paragraphs or sub paragraphs (in which case the sub-paragraphs of the paragraphs which are not applicable can be deleted). Italics denote directions for completing the Final Terms. However, such numbering may change where individual paragraphs or sub-paragraphs are removed.]*

References herein to numbered Conditions are to the terms and conditions of the relevant series of Securities and words and expressions defined in such terms and conditions shall bear the same meaning in these Final Terms in so far as they relate to such series of Securities, save as where otherwise expressly provided.

*[When completing any final terms consideration should be given as to whether such terms or information constitute "significant new factors" and consequently trigger the need for a supplement to the Base Prospectus under Article 23 of the Prospectus Regulation.]*

These Final Terms relate to the series of Securities as set out in "Specific Provisions for each Series" below. References herein to "**Securities**" shall be deemed to be references to the relevant Securities that are the subject of these Final Terms and references to "**Security**" shall be construed accordingly.

### SPECIFIC PROVISIONS FOR EACH SERIES

SERIES NUMBER	[TRANCHE NUMBER	NO. OF SECURITIES ISSUED	NO OF SECURITIES	ISIN/[ ] <sup>11</sup>	[COMMON CODE	[MNEMONIC CODE	[CFI	[FISN	[TYPE OF INDEX
[●] [●]	[●] [●]]	[●] [●]	[Up to] [●] [Up to][●]	[●] [●]	[●] [●]]	[●] [●]] <sup>12</sup>	[●] [●]]	[●] [●]]	[●] [●]]
SERIES NUMBER	ISSUE PRICE <sup>13</sup> PER SECURITY	[CALL/ PUT	[[SCHEDULED] ] REDEMPTION DATE	[RELEVANT JURISDICTION	[SHARE AMOUNT/DEB T SECURITY AMOUNT	[PARITY	SPECIFIED SECURITIES PURSUANT TO SECTION 871(m) <sup>14</sup>	[Insert other identifier code or variable]	
[●]	[[insert currency] [●]]/[ [●]]% of the Notional Amount]	[call/put]	[●]/[Open End] <sup>15</sup>	[●]	[●]	[●]	[Yes/No]	[●]	
[●]	[[insert currency] [●]]/[ [●]]% of the Notional Amount]	[call/put]]	[●]/[Open End]] <sup>16</sup>	[●]	[●]]	[●]]	[Yes/No]	[●]]	

*(Where the Final Terms cover more than one series of Securities, the table above should be completed for all variables which will differ across the different series of Securities. If a column is not relevant it may be deleted and the table may be presented as a single set of rows, rather than split into two sections, as above. The relevant line item for any such variable in the General Provisions below should include the following language: "See the Specific Provisions for each Series above".)*

### GENERAL PROVISIONS

The following terms apply to each series of Securities:

1. Issuer: [BNP Paribas Issuance B.V.]/[BNP Paribas]
2. [Guarantor: [BNP Paribas]]
3. Trade Date: [*specify*]

<sup>11</sup> DTC: CUSIP – include for U.S. Securities.

<sup>12</sup> Only applies where the Securities are listed on Euronext Paris.

<sup>13</sup> For Preference Share Certificates, the Issue Price is required to be par.

<sup>14</sup> Specify "Yes" if the Securities are Specified Securities for the purpose of Section 871(m) of the U.S. Internal Revenue Code of 1986.

<sup>15</sup> Include for Open Ended Securities.

<sup>16</sup> Include for Credit Securities and Fund Securities.



## FORM OF FINAL TERMS FOR CERTIFICATES

4. Issue Date [and [Interest]/[Premium Amount] [specify] Commencement Date]<sup>17</sup>:

*(N.B. For Preference Share Certificates, the relevant Preference Shares should be in issue on or prior to the Issue Date)*

5. Consolidation:

The Securities are to be consolidated and form a single series with the [insert title of relevant series of Securities] issued on [insert issue date]/[Not applicable]

6. Type of Securities:

(a) Certificates

(b) The Securities are [Index Securities/Share Securities/ETI Securities<sup>18</sup>/Debt Securities/Commodity Securities<sup>19</sup> /Inflation Index Securities<sup>20</sup>/Currency Securities<sup>21</sup>/Fund Securities<sup>22</sup>/Futures Securities<sup>23</sup>/Underlying Interest Rate Securities/Credit Securities<sup>24</sup>/Preference Share Certificates/Hybrid Securities<sup>25</sup>/Actively Managed Securities/[specify other type of Security]].

[Exercise of Certificates applies to the Certificates. [Multiple Exercise *applies* to the Certificates.] The Exercise Date[s] is [are] [specify]] or, if [any] such day is not a Business Day, the immediately [preceding/succeeding] Business Day].

[The Exercise Settlement Date[s] are]/[is] [●].]

[The provisions of Annex 2 (Additional Terms and Conditions for Index Securities) shall apply.] [The provisions of Annex 3 (Additional Terms and Conditions for Share Securities) shall apply.] [The provisions of Annex 4 (Additional Terms and Conditions for ETI Securities) shall apply.] [The provisions of Annex 5 (Additional Terms and Conditions for Debt Securities)

<sup>17</sup> In the case of Certificates which bear interest or premium amount.

<sup>18</sup> ETI Securities or Hybrid Securities containing an ETI component cannot be U.S. Securities unless offered pursuant to an applicable U.S. Wrapper to this Base Prospectus.

<sup>19</sup> Commodity Securities or Hybrid Securities containing a commodity component cannot be U.S. Securities unless offered pursuant to any applicable U.S. Wrapper to this Base Prospectus.

<sup>20</sup> Inflation Index Securities or Hybrid Securities containing an inflation component cannot be U.S. Securities unless offered pursuant to any applicable U.S. Wrapper to this Base Prospectus.

<sup>21</sup> Currency Securities or Hybrid Securities containing a currency component cannot be U.S. Securities unless offered pursuant to any applicable U.S. Wrapper to this Base Prospectus.

<sup>22</sup> Fund Securities or Hybrid Securities containing a fund component cannot be U.S. Securities unless offered pursuant to any applicable U.S. Wrapper to this Base Prospectus.

<sup>23</sup> Futures Securities or Hybrid Securities containing a Futures component cannot be U.S. Securities unless offered pursuant to an applicable U.S. Wrapper to this Base Prospectus.

<sup>24</sup> Credit Securities or Hybrid Securities related to the credit of a specified reference entity cannot be U.S. Securities unless offered pursuant to any applicable U.S. Wrapper to this Base Prospectus.

<sup>25</sup> Hybrid Securities that contain an ETI, commodity, inflation index, currency, fund or futures component or are linked to the credit of a specified reference entity cannot be U.S. Securities unless offered pursuant to any applicable U.S. Wrapper to this Base Prospectus.

## FORM OF FINAL TERMS FOR CERTIFICATES

shall apply.] [The provisions of Annex 6 (Additional Terms and Conditions for Commodity Securities) shall apply.] [The provisions of Annex 7 (Additional Terms and Conditions for Inflation Index Securities) shall apply.] [The provisions of Annex 8 (Additional Terms and Conditions for Currency Securities) shall apply.] [The provisions of Annex 9 (Additional Terms and Conditions for Fund Securities) shall apply.] [The provisions of Annex 10 (Additional Terms and Conditions for Futures Securities) shall apply.] [The provisions of Annex 11 (Additional Terms and Conditions for Underlying Interest Rate Securities) shall apply.] [The provisions of Annex 12 (Additional Terms and Conditions for Credit Securities) shall apply.] [The provisions of Annex 13 (Additional Terms and Conditions for Secured Securities) shall apply.] [The provisions of Annex 14 (Additional Terms and Conditions for Preference Share Certificates) shall apply.] [The provisions of Annex [2/3/4/6/8/10<sup>26</sup>] (*Additional Terms and Conditions for [Index/Share/ETI/Commodity/Currency/Futures] Securities*) and Annex 15 (Additional Terms and Conditions for OET Certificates) shall apply.] [The provisions of Annex 2 (Additional Terms and Conditions for Index Securities), 3 (Additional Terms and Conditions for Share Securities), 4 (Additional Terms and Conditions for ETI Securities) (in each case, as amended by Annex 16, as applicable) and Annex 16 (Additional Terms and Conditions for Actively Managed Securities) shall apply.]

[Open End: Applicable]

The Certificates are Put/Call Open End Certificates]<sup>27</sup>

[Unwind Costs: [Applicable]/[Not applicable]]

[Waiver of Set-Off: Not applicable]

[Essential Trigger: Applicable]

[PRC Tax: Applicable]

### 7. Form of Securities:

[Clearing System Global Security]/[Registered Global Security] [Dematerialised bearer form (*au porteur*)<sup>28</sup>] [Rule 144A Global Security]<sup>29</sup> [Private Placement Definitive Security]<sup>30</sup> [Regulation S Global Security] [CREST Dematerialised Securities] [Swedish Dematerialised Securities] [Danish Dematerialised Securities] [Finnish Dematerialised Securities]

<sup>26</sup> For OET Certificates include relevant Annex and complete relevant section for Index/Share/Commodity/Currency/Fund/Futures Securities and include Annex 15 and complete paragraph 37 as appropriate.

<sup>27</sup> Include for Open End Certificates that are Put/Call Open End Certificates.

<sup>28</sup> If French law-governed.

<sup>29</sup> If U.S. Securities.

<sup>30</sup> If U.S. Securities.

## FORM OF FINAL TERMS FOR CERTIFICATES

[Norwegian Dematerialised Securities] [Italian Dematerialised Securities] [Swiss Materialised Securities] [Swiss Dematerialised Securities] [Polish Dematerialised Securities] [Clearing System Global Security – CBF Global Certificate]

8. Business Day Centre(s):

The applicable Business Day Centre[s] for the purposes of the definition of "Business Day" in Condition 1 [is/are] [●].
9. Settlement:

Settlement will be by way of [cash payment (Cash Settled Securities)] [and/or] [physical delivery (Physical Delivery Securities)]. (*N.B. Swedish Dematerialised Securities, Finnish Dematerialised Securities, Danish Dematerialised Securities, Norwegian Dematerialised Securities, Italian Dematerialised Securities and Polish Dematerialised Securities may only be Cash Settled Securities*)

[Issuer's Option to Substitute: Not applicable]
10. Rounding Convention for Cash Settlement Amount:

[Rounding Convention 2]/[Not applicable]
11. Variation of Settlement:
  - (a) Issuer's option to vary settlement:

The Issuer [has/does not have] the option to vary settlement in respect of the Securities<sup>31</sup>. (*N.B. the Issuer's option to vary settlement is not applicable to Swedish Dematerialised Securities, Danish Dematerialised Securities, Finnish Dematerialised Securities, Norwegian Dematerialised Securities, Italian Dematerialised Securities or Polish Dematerialised Securities*)

(*N.B. If the Issuer does not have the option to vary settlement in respect of the Securities, delete the sub-paragraphs of this paragraph 11*)
  - (b) Variation of Settlement of Physical Delivery Securities:

[Notwithstanding the fact that the Securities are Physical Delivery Securities, the Issuer may make payment of the Cash Settlement Amount on the Redemption Date and the provisions of Condition 5 will apply to the Securities/The Issuer will procure delivery of the Entitlement in respect of the Securities and the provisions of Condition 5 will not apply to the Securities. Any Physical Delivery for U.S. Securities must be made in compliance with the Securities Act and the Exchange Act.]
12. Final Payout

[NA x [●] per cent.]

---

<sup>31</sup> Not applicable for U.S. Securities, unless physical delivery can be in compliance with U.S. Securities laws.

## FORM OF FINAL TERMS FOR CERTIFICATES

[Preference Share Certificate Condition 6 applies]

[Not applicable]<sup>32</sup>

### [ETS Payouts

#### **[[Investment Products:**

#### **[Capital Protection Products:**

[ETS Final Payout 1100

*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1120

*[Insert related provisions from Conditions.]]]*

#### **[Yield Enhancement Products:**

[ETS Final Payout 1200

*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1230/1

*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1230/2

*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1240/1

*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1240/2

*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1240/3

*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1240/4

*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1250/1

*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1250/2

*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1250/3

*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1250/4

*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1250/5

*[Insert related provisions from Conditions.]]*

---

<sup>32</sup>

Specify as "Not applicable" where the Securities are Put/Call Open End Certificates or Actively Managed Securities.

## FORM OF FINAL TERMS FOR CERTIFICATES

[ETS Final Payout 1250/6  
*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1250/7  
*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1260/1  
*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1260/2  
*[Insert related provisions from Conditions.]]]*

### **[Participation Products:**

[ETS Final Payout 1300  
*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1320/1  
*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1320/2  
*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1320/3  
*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1340/1  
*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1340/2  
*[Insert related provisions from Conditions.]]*

[ETS Final Payout 1399  
*[Insert related provisions from Conditions.]]]]*

### **[Leverage Products:**

[ETS Final Payout 2110/1  
*[Insert related provisions from Conditions.]]*

[ETS Final Payout 2110/2  
*[Insert related provisions from Conditions.]]*

[ETS Final Payout 2110/3  
*[Insert related provisions from Conditions.]]*

[ETS Final Payout 2110/4  
*[Insert related provisions from Conditions.]]*

[ETS Final Payout 2200/1  
*[Insert related provisions from Conditions.]]*

[ETS Final Payout 2200/2

## FORM OF FINAL TERMS FOR CERTIFICATES

*[Insert related provisions from Conditions.]*

[ETS Final Payout 2210

*[Insert related provisions from Conditions.]*

[ETS Final Payout 2230

*[Insert related provisions from Conditions.]]*

### **[Constant Leverage Products:**

[ETS Final Payout 2300

*[Insert related provisions from Conditions]]]*

[Maturity Extension: [Applicable]]<sup>33</sup>

*[If Maturity Extension is specified as "Applicable":*

Maturity Extension Notice Period:

Maximum Notice Period: *[specify]*

Minimum Notice Period: *[specify]*

[Reverse Split: [Applicable]]

*[If Reverse Split is specified as "Applicable":*

Reverse Split Notice Period:

Maximum Notice Period: *[specify]*

Minimum Notice Period: *[specify]*

*(If "Reverse Split" is specified as "Applicable" insert related provisions from Condition 34.15.)*

### **[SPS Payouts**

### **[SPS Fixed Percentage Securities:**

*[Insert formula and other related provisions from Payout Conditions]]*

### **[SPS Reverse Convertible Securities:**

[SPS Reverse Convertible Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[SPS Reverse Convertible Standard Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]]*

### **[SPS Vanilla Products:**

<sup>33</sup>

Specify as "Not applicable" if the Certificates are CREST Dematerialised Certificates, Registered Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Certificates, Finnish Dematerialised Certificates, Norwegian Dematerialised Certificates or Polish Dematerialised Certificates.

## FORM OF FINAL TERMS FOR CERTIFICATES

[Vanilla Call Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Vanilla Call Spread Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Vanilla Put Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Vanilla Put Spread Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Vanilla Digital Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[[Knock-in / Knock-out] Vanilla Call Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Range Accrual Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]]*

### **[Asian Products:**

[Asian Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Asian Spread Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Himalaya Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Talisman Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]]*

### **[Auto-Callable Products:**

[Autocall Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

## FORM OF FINAL TERMS FOR CERTIFICATES

[Autocall Standard Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Autocall One Touch Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]]*

### **[Indexation Products:**

[Certi Plus: Booster Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Certi Plus: Bonus Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Certi Plus: Leveraged Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Certi Plus: Twin Win Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Certi Plus: Super Sprinter Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Certi Plus: Generic Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Certi Plus: Generic Knock-in Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Certi Plus: Generic Knock-out Securities:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]]*

### **[Ratchet Securities:**

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

### **[Sum Securities:**

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

### **[Option Max Securities:**



## FORM OF FINAL TERMS FOR CERTIFICATES

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

### **[Stellar Securities:**

*[insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

### **[Driver Securities:**

*[Insert formula, relevant value(s) and related provisions from Payout Conditions.]]*

### **[Transition Securities:**

*[Insert formula, relevant value(s) and related provisions from Payout Conditions.]]*

[Maximum Final Payout: [●]/Not applicable]

[Minimum Final Payout: [●]/Not applicable]

## **[FI Payouts**

### **[FI FX Vanilla Securities:**

*[Insert formula and related provisions from Payout Conditions.]]*

### **[FI Digital Floor Securities:**

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

### **[FI Digital Cap Securities:**

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

### **[FI Digital Plus Securities:**

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

### **[FI Inflation Securities:**

*[Insert formula, relevant value(s) and other related provisions from Conditions.]]*

[Payout Switch:

[Applicable / Not applicable]

[If applicable:

[Payout Switch Election: Applicable]

[Automatic Payout Switch: Applicable]

[Target Switch Payout: Applicable]

*[Insert related provisions from Conditions]]*

[Autoroll:

[Applicable/Not applicable]

## FORM OF FINAL TERMS FOR CERTIFICATES

[If applicable, specify: [Autoroll Standard]/[Autoroll Lock]/[Autoroll Shift]]

[If applicable insert related provisions from the Conditions for each of the features which will change following an Autoroll Event]

Aggregation:

[Applicable / Not applicable]

[Not Applicable. Cash Settlement Amount: [●]]

13. Relevant Asset(s):

[The relevant asset to which the Securities relate [is/are] [●].]/[Not applicable] (N.B. Only applicable in relation to Physical Delivery Securities that are not Credit Securities)

*(N.B. If the Securities are Italian Certificates that are Physical Delivery Exercisable Certificates, note that there are certain limitations on the types of asset that may be physically delivered. Unless the Relevant Assets are Italian-listed shares or capable of being cleared via Monte Titoli, the suitability of the Relevant Assets for physical delivery should be assessed on a case-by-case basis.)*

14. Entitlement:

[Applicable/Not applicable/Physical Delivery Option [1/2/3]]

(a) [The Entitlement Amount in relation to each Security is:

[Delivery of Worst-Performing Underlying applicable:

*[Insert formula, relevant value(s) and related provisions from Payout Conditions.]]*

[Delivery of Best-Performing Underlying applicable:

*[Insert formula, relevant value(s) and related provisions from Payout Conditions.]]*

[Delivery of the Underlying:

*[Insert formula, relevant value(s) and related provisions from Payout Conditions.]]*

[Delivery of Basket Underlying:

*[Insert formula, relevant value(s) and related provisions from Payout Conditions.]]*

## FORM OF FINAL TERMS FOR CERTIFICATES

[Delivery of Accumulator Underlying:

*[Insert formula, relevant value(s) and related provisions from Payout Conditions.]]]*

- (b) [The Entitlement will be evidenced by [insert details of how the Entitlement will be evidenced].]
- (c) [The Entitlement will be [delivered] [Delivered] [insert details of the method of delivery of the Entitlement].]
- (d) [Rounding and Residual Amount: [As per Payout Condition 2.4(f)(i)]/[Delivery of Basket Underlying]/[Delivery of Accumulator Underlying]]

*(N.B. Only applicable in relation to Physical Delivery Securities)*

### 15. [Exchange Rate]<sup>34</sup>/[Conversion Rate]<sup>35</sup>

The applicable rate of exchange for conversion of any amount into the relevant [settlement currency] / [Settlement Currency or Calculation Currency, as applicable]<sup>36</sup> for the purposes of determining the Settlement Price (as defined in the relevant Annex to the Terms and Conditions)[,] [or] the Cash Settlement Amount (as defined in Condition 1)[,] [or] [the Automatic Early Redemption Amount (as defined in Condition 34.9)] is *[insert rate of exchange and details of how and when such rate is to be ascertained]/[specify]/[As specified in the OET Certificate Conditions]/[Not applicable].*

### 16. Settlement Currency:

[The settlement currency for the payment of [the Cash Settlement Amount] *(in the case of Cash Settled Securities) (other than Put/Call Open End Certificates)*]/[the Disruption Cash Settlement Price] *(in the case of Physical Delivery Securities)*]/[Optional Redemption Amount] *(in the case of Open End Certificates that are Put/Call Open End Certificates)* is [●].]

*[Insert in the case of Dual Currency Certificates:*

The Settlement Currency is as specified in Currency Security Condition 12 for the payment of the Cash Settlement Amount *[Insert if item 42(n)(xiv) is*

<sup>34</sup> Applicable for Securities other than OET Certificates.

<sup>35</sup> Applicable for OET Certificates or where ETS Final Payout 2210 or Automatic Early Redemption Payout 2210/1 is applicable.

<sup>36</sup> Insert where ETS Final Payout 2300 is applicable.

## FORM OF FINAL TERMS FOR CERTIFICATES

*completed:* and [Interest]/[Premium] Amount] below, subject to paragraph [31(k)] *[Insert if Dual Currency Condition 1 is specified as applicable:* and 42(n)(xiv)] below.

The Settlement Currency other than in respect of the Cash Settlement Amount *[Insert if Dual Currency Condition 1 is specified as applicable:* or the [Interest]/[Premium Amount] is [●]]

- (a) [CNY Payment Disruption Event: [Applicable/Not applicable]
- (b) Postponement: [Applicable/Not applicable]
- (c) Payment of Equivalent Amount: [Applicable/Not applicable]

[Equivalent Amount Settlement Currency: *[specify]*]

Equivalent Amount Settlement Price Source: *[specify]*

Equivalent Amount Settlement Valuation Time: [The time at which the Equivalent Amount Settlement Price Source publishes the Equivalent Amount Settlement Price]/*[specify]*]

- (d) CNY Settlement Centre: *[specify]*]

**17. Syndication:** The Securities will be distributed on a [non-]syndicated basis.

*[if syndicated, specify names of the Managers]*

**18. Minimum Trading Size:** *[specify]*/[Not applicable]

**19. Principal Security Agent:** [BNP Paribas Securities Services, Luxembourg Branch]/[BNP Paribas, Succursale de Luxembourg]/[BNP Paribas Arbitrage S.N.C.]/ [BNP Paribas Securities Services]/[BNP Paribas]/[BNP Paribas Securities Services, Milan Branch]/[BNP Paribas S.A., Succursale Italia]/[BNP Paribas Securities Services SKA Oddział w Polsce]/[BNP Paribas S.A. Branch in Poland]/*[specify other]*<sup>37</sup>

**20. Registrar:** [BNP Paribas Securities Services, Luxembourg Branch]/[BNP Paribas, Succursale de Luxembourg]/[BNP Paribas Securities (Japan) Limited]/*[address]*/[Not applicable]<sup>38</sup>

<sup>37</sup> Any local agent shall be specified in Part B of the Final Terms.  
<sup>38</sup> Include in the case of Registered Securities.

## FORM OF FINAL TERMS FOR CERTIFICATES

21. Calculation Agent: [BNP Paribas]/[BNP Paribas Arbitrage S.N.C.]/[specify other]/[address].
22. Governing law: [English/French] law<sup>39</sup>
23. *Masse* provisions<sup>40</sup> (Condition 9.4): [Contractual representation of Holders/No *Masse*]<sup>41</sup>[Full *Masse*]<sup>42</sup> / [Contractual *Masse*]<sup>43</sup> / [Not Applicable]<sup>44</sup> [If Condition 9.4(b)(ii) (Full *Masse*) or Condition 9.4(b)(iii) (Contractual *Masse*) applies, insert below details of Representative and alternate Representative and remuneration, if any:
- [Name and address of the Representative: [ ]]
- Name and address of the alternate Representative: [ ]]
- [The Representation will receive no remuneration./The Representative will receive a remuneration of [ ]].

## PRODUCT SPECIFIC PROVISIONS

24. Hybrid Securities: [Applicable/Not applicable]
- [If applicable:
- (a) The Securities are linked to each of the types of Underlying Reference (each a "**Type of Underlying Reference**") set out in the table below. The terms and conditions of the Securities will be construed on the basis that in respect of each separate Type of Underlying Reference, the relevant terms applicable to each such separate Type of Underlying Reference will apply, as the context admits, separately and independently in respect of the relevant Type of Underlying Reference[, subject as provided in (b) below].

[Include each Type of Underlying Reference]

Type of Underlying Reference

<sup>39</sup> Securities issued by BNPP and BNPP B.V. may be governed by French law.

<sup>40</sup> If French law-governed.

<sup>41</sup> Apply "Contractual representation of Holders/No *Masse*" pursuant to Condition 9.4(b)(i) of the Terms and Conditions in respect of French Law Securities which constitute *obligations* within the meaning of Article L.213-5 of the French Code *monétaire et financier* and are traded in amounts or have a notional amount of at least EUR 100,000 (or its equivalent in the relevant currency as of the Issue Date).

<sup>42</sup> Apply "Full *Masse*" pursuant to Condition 9.4(b)(ii) of the Terms and Conditions in respect of French Law Securities which constitute *obligations* within the meaning of Article L.213-5 of the French Code *monétaire et financier* and (i) are traded in amounts or have a notional amount of less than EUR 100,000 (or its equivalent in the relevant currency as of the Issue Date) and (ii) are issued inside France.

<sup>43</sup> Apply "Contractual *Masse*" pursuant to Condition 9.4(b)(iii) of the Terms and Conditions in respect of French Law Securities which constitute obligations within the meaning of Article L.213-5 of the French Code *monétaire et financier* and (i) are traded in amounts or have a notional amount of at least EUR 100,000 (or its equivalent in the relevant currency as of the Issue Date) or (ii) are issued outside France ("à l'étranger"), within the meaning of Article L.228-90 of the French Code de commerce.

<sup>44</sup> Select "Not Applicable" if the Securities are (i) English-law governed or (ii) French Law Securities which do not constitute *obligations* within the meaning of Article L.213-5 of the French Code *monétaire et financier*.

## FORM OF FINAL TERMS FOR CERTIFICATES

[●] [See item [●]]

[●] [See item [●]]

[●] [See item [●]]

(b) Hybrid Business Day [Applicable/Not applicable]

[if applicable:

**"Hybrid Business Day"** means a day which is a Scheduled Trading Day (as defined in the relevant Annex and completed in the applicable Final Terms) for each Type of Underlying Reference specified in the applicable Final Terms

*[If Hybrid Business Day is applicable, each date for valuation (e.g. valuation date, averaging date, observation date etc.) which is the subject of the Hybrid Securities provisions should be expressed to be "[●] or if that is not a Hybrid Business Day the immediately succeeding/preceding Hybrid Business Day"]*

### 25. Index Securities:

[Applicable/Not applicable]

(a) Index/Basket of Indices/Index Sponsor(s): *[[insert type of Index/Indices (e.g. Total Return, Price Return, etc.) and] specify name of Index/Indices]/[Each Custom Index comprised in the Reference Portfolio from time to time (each such Custom Index being a **"Portfolio Component"** and an **"Underlying Reference"**). [The Custom [Index/Indices] comprised in the Initial Reference Portfolio are as set out in [item 51(b)]/[the Appendix hereto].]*

*[specify name of Index Sponsor(s)]*

[The [●] Index is a [Component Security]/[Multi-Exchange] Index.]<sup>45</sup>

[The [●] Index is a Custom Index:

[Asset Class Type: [Equity]/[Commodity] Custom Index]]<sup>46</sup>

[The [●] Index is a Connected Third Party Index.]<sup>47</sup>

<sup>45</sup> Specify each Component Security Index and/or Multi-Exchange Index (if any).

<sup>46</sup> Specify each Custom Index (if any).

<sup>47</sup> Specify each Connected Third Party Index (if any).

## FORM OF FINAL TERMS FOR CERTIFICATES

- [Futures Price Valuation [applies to the [●] Index (see item 25(n) below)]/[does not apply to the [●] Index]/[Futures Price Valuation applies to each Index specified in the table in "SPECIFIC PROVISIONS FOR EACH SERIES" above (see item 25(n) below)]
- (b) Index Currency: [specify]/[Not applicable]
- (c) Exchange(s): [specify]/[Not applicable]<sup>48</sup>/[As per the definition of "Benchmark" in Actively Managed Security Condition 4]
- (d) Related Exchange(s): [specify]/[All Exchanges]/[Not applicable]<sup>48</sup>/[As per the definition of "Benchmark" in Actively Managed Security Condition 4]
- (e) Exchange Business Day: [Single Index Basis/All Indices Basis/Per Index Basis]/[Not applicable]<sup>48</sup>/[As per the definition of "Benchmark" in Actively Managed Security Condition 4]
- [Exchange/Related Exchange: Applicable]
- (f) Scheduled Trading Day: [Single Index Basis/All Indices Basis/Per Index Basis]/[Not applicable]<sup>48</sup>/[As per the definition of "Benchmark" in Actively Managed Security Condition 4]
- [Exchange/Related Exchange: Applicable]
- (must match election made for Exchange Business Day)*
- (g) Weighting: [The weighting to be applied to each item comprising the Basket of Indices to ascertain the Settlement Price is [●]. Each such Weighting shall be subject to adjustment in accordance with Annex 2]/[specify other].]/[Not applicable] *(N.B. Only applicable in relation to Securities relating to a Basket of Indices)*
- (h) Settlement Price: [Official opening level]/[Official closing level]/[level at the Valuation Time]/[Index Security Condition 9 (Futures Price Valuation) applies]
- (i) Specified Maximum Days of Disruption: [As defined in Condition 1]/[specify] Scheduled Trading Days]/[Not applicable]<sup>48</sup>
- (j) Valuation Time: [Continuous monitoring]/[specify other] and the relevant time on the relevant Settlement Price Date or Averaging Date, as the case may be, is the [Valuation Time [each] as defined in Condition 1.] [specify].]
- (N.B. If no Valuation Time is specified, the Valuation Time will be the Scheduled Closing Time as defined in*

<sup>48</sup>

Specify "Not applicable" in the case of ETS Final Payout 2300 if Futures Price Valuation is specified as applicable.

## FORM OF FINAL TERMS FOR CERTIFICATES

*Condition 1. Not applicable in the case of Custom Indices).*

[As per the Conditions]/[●], being the time specified on the last Valuation Date or an Averaging Date or Observation Date as the case may be, for the calculation of the Settlement Price (*N.B. Only applicable in the case of Custom Indices*).]

- (k) Redemption on Occurrence of an Index Adjustment Event: [Delayed Redemption on Occurrence of an Index Adjustment Event: [Applicable/Not applicable]]

[If applicable: Principal Protected Termination Amount: [Applicable/Not applicable]]

[Highest Value: [Applicable/Not applicable]]

[Market Value: [Applicable/Not applicable]]

[Monetisation Option: [Applicable/Not applicable]]

[If Principal Protected Termination Amount, Highest Value or Monetisation Option are applicable: Protected Amount: [specify] per cent. of the Notional Amount]

[If the Calculation Agent determines an Index Adjustment Event constitutes a force majeure, Index Security Condition 3.2(c)(vi) applies]

- (l) Index Correction Period: [As per Conditions/specify]

- (m) Additional provisions applicable to Custom Indices: [Applicable/Not applicable]

*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*

- (i) Screen Page: [specify]/[The Screen Page of each Custom Index (if any) comprised in the Reference Portfolio from time to time is available upon request from the Calculation Agent]

- (ii) [Custom Index Business Day: [All Custom Indices Basis/Per Custom Index Basis/Single Custom Index Basis]/[As per Actively Managed Security Condition 1]]

*(Delete this sub-paragraph in the case of Equity Custom Index Securities or Commodity Custom Index Securities)*

- (iii) [Scheduled Custom Index Business Day: [All Custom Indices Basis/Per Custom Index Basis/Single Custom Index Basis]/[As per Actively Managed Security Condition 1]]

*(Delete this sub-paragraph in the case of Equity Custom Index Securities or Commodity Custom Index Securities)*



## FORM OF FINAL TERMS FOR CERTIFICATES

*(N.B. Must match election made for Custom Index Business Day)*

- (iv) [Custom Index Correction Period: [As per Conditions/specify]]

*(Delete this sub-paragraph in the case of Equity Custom Index Securities or Commodity Custom Index Securities)*

- (v) Redemption on Occurrence of a Custom Index Adjustment Event [or Commodity Custom Index Market Disruption Event]: [As per Actively Managed Security Condition 1]/[Delayed Redemption on Occurrence of a Custom Index Adjustment Event [or Commodity Custom Index Market Disruption Event]: [Applicable/Not applicable]]

[Highest Value: [Applicable/Not applicable]]

[Market Value: [Applicable/Not applicable]]

[Monetisation Option: [Applicable/Not applicable]]

*[If Highest Value or Monetisation Option are applicable: Protected Amount: [specify] per cent. of the Notional Amount]*

*[If the Calculation Agent determines a Custom Index Adjustment Event [or Commodity Custom Index Market Disruption Event] constitutes a force majeure, Index Security Condition [6.2[(a)/(b)/(c)](ii)(D)VI.]/[6.2(c)(vi)]/[6.2(b)(v)] [and 17.2(b)(iii)(E)] applies]*

- (vi) Custom Index Disruption Event: [[Specified Maximum Days of Disruption will be equal to: [●]]/[As per Conditions]]

*(If no Specified Maximum Days of Disruption are stated, Specified Maximum Days of Disruption will be equal to twenty (in the case of a Custom Index), eight (in the case of an Equity Custom Index) or five (in the case of a Commodity Custom Index)).*

- (n) Additional provisions applicable to Futures Price Valuation: [Applicable/Not applicable]

*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*

- (i) Rolling Futures Contract Securities: [Yes/No]

[Related Hedging: Not applicable]

[Dislocation Event: [Applicable]/[Not applicable]]

Dislocation Level: [specify]/[As per Conditions]]

## FORM OF FINAL TERMS FOR CERTIFICATES

- (ii) Exchange-traded Contract: *[specify]/[If the Index Securities are Rolling Futures Contract Securities: Index Security Condition 9.2 applies]*
- (iii) Delivery or expiry month: *[specify]/[Not applicable]*  
*(Not applicable in the case of Index Securities that are Rolling Futures Contract Securities)*
- (iv) Period of Exchange-traded Contracts: *[specify]/[Not applicable]*  
*(Only applicable in case of Index Securities that are Futures Rollover Securities)*
- (v) Futures or Options Exchange: *[specify]*
- (vi) Futures Rollover [Date/Period]: *[Not applicable]/[specify]*
- (vii) First Traded Price: *[Applicable]/[Not applicable]*  
*[If First Traded Price is applicable: Relevant Time: [specify]]*
- (viii) Relevant FTP Screen Page: *[specify]/[Not applicable]*
- (ix) Relevant Futures or Options Exchange Website: *[specify]/[Not applicable]*
- (x) Cut-off Time: *[specify]/[Not applicable]*
- (xi) Redemption on Non-Commencement or Discontinuance of an Exchange-traded Contract: *[Delayed Redemption on Non-Commencement or Discontinuance of an Exchange-traded Contract: [Applicable/Not applicable]*  
*[If applicable: Principal Protected Termination Amount: [Applicable/Not applicable]]*  
*[Highest Value: [Applicable/Not applicable]]*  
*[Market Value: [Applicable/Not applicable]]*  
*[Monetisation Option: [Applicable/Not applicable]]*  
*[If Principal Protected Termination Amount, Highest Value or Monetisation Option are applicable: Protected Amount: [specify] per cent. of the Notional Amount]*  
*[If the Calculation Agent determines a Non-Commencement or Discontinuance of an Exchange-traded Contract constitutes a force majeure, Index Condition [9.2(vi)] [and] [9.4(vi)] applies]*
26. Share Securities/ETI Share Securities: *[Applicable/Not applicable]*

## FORM OF FINAL TERMS FOR CERTIFICATES

[Share Securities: [Applicable/Not applicable]]

[ETI Share Securities: [Applicable/Not applicable]]

*(In the case of Hybrid Securities which are Share Securities and ETI Share Securities, repeat subparagraphs (a) to (u) below for Share Securities and ETI Securities to which the ETI Share Provisions apply, as required)*

- (a) Share(s)/Share Company/Basket Company/GDR/ADR/ETI Interest/Basket of ETI Interests:

*[insert type of Share(s) and Share Company/Basket Companies/ETI Interest(s) and ETI(s)]/[Each Share comprised in the Reference Portfolio from time to time (each such Share being a "Portfolio Component" and an "Underlying Reference"). [The Share[s] comprised in the Initial Reference Portfolio are as set out in [item 51(b)]/[the Appendix hereto].]]*

[GDR/ADR applicable]

*[Insert details of GDR/ADR]<sup>49</sup>*

[Stapled Shares applicable]

*[Insert details of Stapled Shares and Stapled Share Constituents]<sup>50</sup>*

[China Connect applicable [in respect of each Share in respect of which the Eligible Country is China]]<sup>51</sup>

- (b) Relative Performance Basket:

[Not applicable/specify]

*(Always specify as "Not applicable" where ETI Share Securities is specified as applicable or the Securities are Actively Managed Securities)*

- (c) Share/ETI Interest Currency:

*[specify]/[Not applicable]*

- (d) ISIN of Share(s)/ETI Interest(s):

*[specify]*[The ISIN of each Share (if any) comprised in the Reference Portfolio from time to time is available upon request from the Calculation Agent.]

- (e) Exchange(s):

*[specify]/[As per Actively Managed Security Condition 1]*

- (f) Related Exchange(s):

*[specify]/[All Exchanges]/[As per Actively Managed Security Condition 1]*

<sup>49</sup> Specify each GDR or ADR (if any). In the case of Share Securities relating to a GDR/ADR, complete Share Securities Final Terms as applicable for GDR/ADR reference asset(s).

<sup>50</sup> Specify each Stapled Share Constituent comprising the Stapled Shares. In the case of Share Securities relating to Stapled Shares, complete Share Securities Final Terms as applicable for Stapled Shares reference asset(s).

<sup>51</sup> Not applicable for ETI Securities.

## FORM OF FINAL TERMS FOR CERTIFICATES

- (g) Exchange Business Day: [Single [Share/ETI Interest] Basis/All [Shares/ETI Interests] Basis/Per [Share/ETI Interest] Basis]/[As per Actively Managed Security Condition 1]
- (h) Scheduled Trading Day: [Single [Share/ETI Interest] Basis/All [Shares/ETI Interests] Basis/Per [Share/ETI Interests] Basis]/[As per Actively Managed Security Condition 1]  
*(must match election made for Exchange Business Day)*
- (i) Weighting: [The weighting to be applied to each item comprising the Basket of [Shares/ETI Interests] to ascertain the Settlement Price is [●]. Each such Weighting shall be subject to adjustment [in accordance with Annex [3]/[4]/[specify other].]/[Not applicable] (N.B. Only applicable in relation to Securities relating to a Basket of Shares or a Basket of ETI Interests)]
- (j) Settlement Price: [Official closing price]/[Italian Securities Reference Price]<sup>52</sup>/[price at the Valuation Time]]
- (k) Specified Maximum Days of Disruption: [As defined in Condition 1]/[specify] Scheduled Trading Days].
- (l) Valuation Time: [Continuous monitoring] / [specify other] and the relevant time on the relevant Settlement Price Date or Averaging Date, as the case may be, is the] [Scheduled Closing Time as defined in Condition 1.] [specify] (N.B. If no Valuation Time is specified, the Valuation Time will be the Scheduled Closing Time as defined in Condition 1)]
- (m) Redemption on Occurrence of an Extraordinary Event: [As per Actively Managed Security Condition 1][Delayed Redemption on Occurrence of an Extraordinary Event: [Not applicable/Applicable]  
  
*[if applicable:*  
  
Principal Protected Termination Amount: [Applicable/Not applicable]]  
  
[Highest Value: [Applicable/Not applicable]]  
  
[Market Value: [Applicable/Not applicable]]  
  
[Monetisation Option: [Applicable/Not applicable]]  
  
*[If Principal Protected Termination Amount, Highest Value or Monetisation Option are applicable: Protected Amount: [specify] per cent. of the Notional Amount]*

<sup>52</sup>

Do not specify "Italian Securities Reference Price" in respect of ETI Securities.

## FORM OF FINAL TERMS FOR CERTIFICATES

[If the Calculation Agent determines that an Extraordinary Event constitutes a force majeure, [Share Security Condition 4.2(b)(iii) or 4.2(c)(vi)]/[ETI Security Condition 12.2(b)(iii) or 12.2(c)(vi)] applies]

- (n) Share/ETI Interest Correction Period [As per Conditions/*specify*]
- (o) [Dividend Payment: [Applicable/Not applicable]]<sup>53</sup>
- (p) Listing Change: [Applicable/Not applicable]
- (q) Listing Suspension: [Applicable/Not applicable]
- (r) Illiquidity: [Applicable/Not applicable]
- (s) Tender Offer: [Applicable/Not applicable]<sup>54</sup>
- (t) [CSR Event: [Applicable/Not applicable]]<sup>55</sup>
- (u) [China Connect Share Disqualification: [Applicable/Not applicable]
- (v) China Connect Service Termination: [Applicable/Not applicable]]<sup>56</sup>
- (w) Hedging Liquidity Event: [Applicable/Not applicable]

[Maximum Hedging Liquidity Level: [[●] per cent.]/[As per Conditions]]

### 27. ETI Securities

[Applicable/Not applicable]

[ETI Share Provisions: [Applicable – see item 26 (Share Securities/ETI Share Securities) above]/[Not applicable]]

*(If applicable and sub-paragraphs (a) to (dd) are not required for Hybrid Securities, delete sub-paragraphs (a) to (dd) and complete item 26 (Share Securities/ETI Share Securities) above.)*

- (a) [ETI/ETI Basket: [*specify*]/[Each exchange traded fund or issuer of an exchange traded note, exchange traded commodity or other exchange traded product in respect of each ETI Interest comprised in the Reference Portfolio from time to time. [The ETI in respect of the ETI Interest[s] comprised in the Initial Reference Portfolio are as set out in [item 51(b)]/[the Appendix hereto].]]

[SC/FM ETI Events: Applicable]

[ETI Event Force Majeure: Applicable]

<sup>53</sup> Not applicable in respect of ETI Securities.  
<sup>54</sup> Only to be disapplied for Tokyo EQD Securities.  
<sup>55</sup> Not applicable in respect of ETI Securities.  
<sup>56</sup> Only applicable if China Connect is applicable.

## FORM OF FINAL TERMS FOR CERTIFICATES

- |     |   |  |
|-----|---|--|
| (b) | ETI Interest(s):                              | <i>[insert type of ETI Interest(s)]</i> /Each ETI Interest comprised in the Reference Portfolio from time to time (each such ETI Interest being a " <b>Portfolio Component</b> " and an " <b>Underlying Reference</b> "). [The ETI Interest[s] comprised in the Initial Reference Portfolio are as set out in [item 51(b)]/[the Appendix hereto].] |
| (c) | ETI Related Party:                            | [As per Conditions]/ <i>[specify]</i>  |
| (d) | ETI Documents:                                | [As per Conditions]/ <i>[specify]</i>  |
| (e) | Exchange(s):                                  | <i>[specify]</i> /[Not applicable][As per Actively Managed Security Condition 1]   |
| (f) | Related Exchange:                             | <i>[specify]</i> /[All Exchanges]/[Not applicable][As per Actively Managed Security Condition 1]   |
| (g) | Scheduled Trading Day:                        | [All ETI Interests Basis/Per ETI Interest Basis/Single ETI Interest Basis][As per Actively Managed Security Condition 1]   |
| (h) | Exchange Business Day:                        | [All ETI Interests Basis/Per ETI Interest Basis/Single ETI Interest Basis][As per Actively Managed Security Condition 1]   |
| (i) | Calculation Date(s):                          | [As per Conditions]/ <i>[specify]</i>  |
| (j) | Initial Calculation Date:                     | <i>[specify]</i> /[Not applicable]   |
| (k) | Final Calculation Date:                       | <i>[specify]</i> /[Not applicable]   |
| (l) | Hedging Date:                                 | <i>[specify]</i>   |
| (m) | Investment/AUM Level:                         | [As per Conditions]/ <i>[specify]</i>  |
| (n) | Value per ETI Interest Trading Price Barrier: | [As per Conditions]/ <i>[specify]</i>  |
| (o) | Number of Value Publication Days:             | [[●] calendar days] [[●] Value Business Days]<br><br>[Value Business Day Centre(s): <i>[specify]</i> ]<br><br><i>(Only applicable if Number of Value Publication Days is calculated by reference to Value Business Days)</i>   |
| (p) | Value Trigger Percentage:                     | [As per Conditions]/ <i>[specify]</i>  |
| (q) | Value Trigger Period:                         | [As per Conditions]/ <i>[specify]</i>  |
| (r) | Basket Trigger Level:                         | [As per Conditions]/ <i>[specify]</i>  |
| (s) | Settlement Price/Closing Price:               | [Official closing price]/[Value per ETI Interest]  |

## FORM OF FINAL TERMS FOR CERTIFICATES

- |            |   |  |
|------------|---|--|
| (t)        | Weighting:  | [The Weighting to be applied to each ETI Interest comprising the ETI Basket is <i>[specify]</i> ]/[Not applicable]   |
| (u)        | Valuation Time:   | <i>[specify]</i> /[As per Conditions]  |
| (v)        | Specified Maximum Days of Disruption:                           | [As per Conditions]/ <i>[specify]</i> /[Not applicable]  |
| (w)        | Additional Extraordinary ETI Event(s):                          | <i>[specify]</i>   |
| (x)        | Maximum Stock Loan Rate:  | [The Maximum Stock Loan Rate in respect of <i>[specify in relation to each relevant ETI Interest]</i> is [●].]   |
| (y)        | ETI Interest Correction Period:                                 | [As per Conditions]/ <i>[specify]</i>  |
| (z)        | Termination Amount:   | [Principal Protected Termination Amount]/[Non-Principal Protected Termination Amount]/ <i>[Specify]</i> /[Highest Value]/[Market Value]/[Monetisation Option]/[Not applicable] <sup>57</sup>   |
| (aa)       | Simple Interest Spread:   | [As per Conditions]/ <i>[specify]</i>  |
| (bb)       | Termination Date:   | <i>[specify]</i>   |
| (cc)       | Delayed Redemption on Occurrence of an Extraordinary ETI Event: | [Applicable/Not applicable]  |
| (dd)       | [Protected Amount:  | <i>[If Highest Value, Monetisation Option or Delayed Redemption on Occurrence of an Extraordinary ETI Event and Principal Protected Termination Amount are applicable: [specify] per cent. of the Notional Amount]</i>                                 |
| <b>28.</b> | Debt Securities:  | [Applicable/Not applicable]  |
| (a)        | Debt Instrument(s):   | <i>[specify]</i> /[Not applicable – Synthetic Debt Instrument applies – see item 28(m) below] [Not applicable] ( <i>Not applicable if Futures Price Valuation applicable</i> )   |
| (b)        | Debt Instrument Currency:                                       | <i>[specify]</i>   |
| (c)        | Settlement Price:   | [As per Debt Security Condition 1] / <i>[If Futures Price Valuation is "Applicable": As per Debt Security Condition 6]</i>   |
| (d)        | Reference Price:  | [The Reference Price[s] for <i>[insert relevant Debt Instrument(s)]</i> is/are the [bid price]/[mid price]/[offer price]/[bid yield]/[mid yield]/[offer yield].] [Not applicable]<br><br><i>(Not applicable if Futures Price Valuation applicable)</i> |

<sup>57</sup>

Only specify "Not applicable" if the Securities are Actively Managed Securities.

## FORM OF FINAL TERMS FOR CERTIFICATES

- (e) Nominal Amount: [The relevant nominal amount is [●] and the Relevant Screen Page is [●].] [Not applicable]  
*(Not applicable if Futures Price Valuation applicable)*
- (f) Exchange Business Day Centre(s): [specify]
- (g) Valuation Time: [specify]
- (h) Specified Maximum Days of Disruption: [[As defined in Condition 1]/[specify] Scheduled Trading Days.] [Not applicable] *(Not applicable if Futures Price Valuation applicable)*
- (i) Delayed Redemption on Occurrence of Debt Instrument Redemption Event: [Applicable/Not applicable]  
*[If applicable:*  
Principal Protected Termination Amount: [Applicable/Not applicable]  
*[If Principal Protected Termination Amount is applicable: Protected Amount: [specify] per cent. of the Notional Amount]]*  
*(Not applicable if Futures Price Valuation applicable)*
- (j) Debt Instrument Correction Period: [As per the Conditions]/[specify]/[Not applicable]  
*(Not applicable if Futures Price Valuation applicable)*
- (k) Debt Instrument Issuer: [specify]/[Not applicable]  
*(Not applicable if Futures Price Valuation applicable)*
- (l) Weighting: [Not applicable/The weighting to be applied to each item comprising the Basket of Debt Instruments to ascertain the Settlement Price is [●]. Each such Weighting shall be subject to adjustment.]
- (m) Additional provisions applicable to Futures Price Valuation: [Applicable/Not applicable]  
*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*
- (i) Rolling Futures Contract Securities: [Yes/No]  
  
[Dislocation Event: [Applicable]/[Not applicable]  
Dislocation Level: [specify]/[As per Conditions]]
- (ii) Exchange-traded Contract(s): [Specify]/[If the Debt Securities are Rolling Futures Contract Securities: Debt Security Condition 7 applies]



## FORM OF FINAL TERMS FOR CERTIFICATES

- (iii) Synthetic Debt Instrument(s): *[Specify]/[If the Exchange-traded Contract relates to a Synthetic Debt Instrument, include description of the key terms of the synthetic debt instrument] / [Not applicable]*
- (iv) Delivery or expiry month: *[Specify]/[Not applicable]*  
*(Not applicable in the case of Debt Securities that are Rolling Futures Contract Securities)*
- (v) Period of Exchange-traded Contract(s): *[Specify]/[Not applicable]*  
*(Only applicable in the case of Debt Securities that are Rolling Futures Contract Securities)*
- (vi) Futures or Options Exchange: *[Specify]*
- (vii) Futures Rollover [Date/Period]: *[Not applicable]/[Specify]*
- (viii) Delayed Redemption on Non-Commencement or Discontinuance of an Exchange-traded Contract: *[Applicable/Not applicable]*  
*[If applicable:*  
Principal Protected Termination Amount:  
*[Applicable/Not applicable]*  
  
*If Principal Protected Termination Amount is applicable:*  
Protected Amount: *[specify]* per cent. of the Notional Amount]
- (ix) Daily Settlement Price Correction Period: *[As per the Conditions][Specify]*
- 29. Commodity Securities:** *[Applicable/Not applicable]*
- (a) Commodity/Commodities/ Commodity Index/Commodity Indices: *[specify Commodity/Commodities/Commodity Index/Commodity Indices]*  
  
*[The Sponsor[s] of the Commodity [Index/Indices] [is/are] [●]]*  
  
*[Insert in the case of Commodities that are EU Allowances: The [Commodity]/[specify Commodities] [is an]/[are] EU Allowance[s]]*  
  
*[Relevant Registry: [specify]]]*
- (b) Pricing Date(s): *[specify]*
- (c) Initial Pricing Date: *[specify]*
- (d) Final Pricing Date: *[specify]*
- (e) Commodity Reference Price: *[specify]*

## FORM OF FINAL TERMS FOR CERTIFICATES

The Price Source is/are [●]<sup>58</sup>

- (f) Delivery Date: [specify]/[Not applicable]
- (g) Nearby Month: [specify]/[Not applicable]
- (h) Specified Price: [specify]/[Not applicable]
- (i) Exchange: [specify]/[Not applicable]
- (j) Disruption Fallback(s): [specify]/[As per Conditions]
- (k) Valuation Time: [Continuous monitoring *[specify other]* and the relevant time on *[insert relevant date(s)]*./[specify]
- (l) Specified Maximum Days of Disruption: [specify] [[●] Commodity Business Days]<sup>59</sup>/[As per Conditions]
- (m) Weighting: [The Weighting to be applied to each item comprising the Commodity Basket is *[specify]*]/[Not applicable]
- (n) Rolling Futures Contract Securities: [Yes/No]

*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*

[Dislocation Event: [Applicable]/[Not applicable]]

Dislocation Level: *[specify]*/[As per Conditions]]

Futures Rollover [Date/Period]: [Not applicable]/[specify]

- (o) Redemption following Market Disruption Event or Commodity Index Adjustment Event: [Commodity Security Condition 3(c)(i) or 4(b)(b)(i) applies]/[Highest Value]/[Monetisation Option]/[Market Value]

*[If Highest Value or Monetisation Option are applicable:*  
Protected Amount: *[specify]* per cent. of the Notional Amount]]

*[If the Calculation Agent determines a Market Disruption Event or Commodity Index Adjustment Event constitutes a force majeure, Commodity Security Condition 3(c)(v) or 4(b)(b)(v), respectively, applies]*

- 30.** Inflation Index Securities: [Applicable/Not applicable]

- (a) Inflation Index/Inflation Indices/Inflation Index Sponsor: *[specify name of inflation index/indices]*  
*[specify name of inflation index sponsor(s)]*

- (b) Related Bond: [Applicable/Not applicable]

<sup>58</sup>

Delete if using automated Commodity Reference Prices.

<sup>59</sup>

Only applicable in respect of Commodity Securities linked to a single Commodity.

## FORM OF FINAL TERMS FOR CERTIFICATES

- (c) Issuer of Related Bond: [Applicable/Not applicable] *[If applicable, specify]*
- (d) Fallback Bond: [Applicable/Not applicable]
- (e) Related Bond Redemption Event: [Applicable/Not applicable] *[If applicable, specify]*
- (f) Substitute Inflation Index Level: [As determined in accordance with Annex 7] *[specify]*.
- (g) Cut-off Date: In respect of a [Valuation Date], the day that is *[specify]* Business Days prior to such [Valuation Date].
- (h) Valuation Date/Redemption Valuation Date: *[specify]*
- (i) Reference Month: *[specify]*
- (j) Currency Adjustment: [Applicable/Not applicable]
- (k) Inflation Index Level Adjustment: [Applicable/Not applicable]
- (l) Index Cancellation: [Inflation Index Security Condition 4.7(b)(i) applies]/[Highest Value]/[Monetisation Option]/[Market Value]
- [If Highest Value or Monetisation Option are applicable:*  
Protected Amount: *[specify]* per cent. of the Notional Amount]
- [If the Calculation Agent determines an Index Cancellation constitutes a force majeure, Inflation Index Security Condition 4.7(b)(v) applies]
- 31. Currency Securities:** [Applicable/Not applicable]
- (a) Relevant Screen Page: *[specify]*
- (b) The relevant base currency (the "**Base Currency**") is: *[specify]*
- (c) The relevant subject *[specify]*  
[currency/currencies] ([the]/[each a]  
"**Subject Currency**") [is/are]:
- (d) Weighting: *[specify]*/[Not applicable]
- (e) Price Source: *[specify]*/[Insert in the case of Dual Currency Certificates: Not applicable]
- (f) Specified Maximum Days of Disruption: *[specify]*/[five] Scheduled Trading Days
- (g) Settlement Price: *[specify]*/[Not applicable]

## FORM OF FINAL TERMS FOR CERTIFICATES

- (h) Valuation Time: *[specify] (NB: if Dual Currency Certificates are specified as applicable, a Valuation Time must be specified.)*
- (i) Redemption on Occurrence of a Disruption Event: *[Illiquidity Disruption: Not applicable]*
- [Disruption Event Postponement: Not applicable]*
- [Delayed Redemption on Occurrence of a Disruption Event: [Applicable/Not applicable]]*
- [if applicable: Principal Protected Termination Amount: [Applicable/Not applicable]*
- [Highest Value: [Applicable/Not applicable]]*
- [Market Value: [Applicable/Not applicable]]*
- [Monetisation Option: [Applicable/Not applicable]]*
- [If Principal Protected Termination Amount, Highest Value or Monetisation Option are applicable: Protected Amount: [specify] per cent. of the Notional Amount]*
- [If the Calculation Agent determines that a Disruption Event constitutes a force majeure, Currency Security Condition 3(b)(vi) applies]*
- [Insert in the case of Dual Currency Certificates: Not applicable]*
- (j) Additional provisions applicable to Futures Price Valuation: *[Applicable/Not applicable]*
- (If not applicable, delete the remaining sub-paragraphs of this paragraph)*
- (i) Rolling Futures Contract Securities: *[Yes/No]*
- (ii) Exchange-traded Contract: *[specify]/[If the Currency Securities are Rolling Futures Contract Securities: Currency Security Condition 6 applies]*
- (iii) Currency Pair: *[specify]*
- (iv) ISIN: *[specify]*
- (v) Expiry month: *[specify]/[Not applicable]*
- (Not applicable in the case of Currency Securities that are Rolling Futures Contract Securities)*
- (vi) Period of Exchange-traded Contract: *[specify]/[Not applicable]*

## FORM OF FINAL TERMS FOR CERTIFICATES

*(Only applicable in the case of Currency Securities that are Rolling Futures Contract Securities)*

(vii) Futures or Options Exchange: [specify]

(viii) Futures Rollover [Not applicable]/[specify]  
[Date/Period]:

*(Not applicable in the case of Currency Securities that are not Rolling Futures Contract Securities)*

(ix) Delayed Redemption on Non-Commencement or [Applicable/Not applicable]

Discontinuance of an Exchange-traded Contract: *[If applicable:*

Principal Protected Termination Amount:  
[Applicable/Not applicable]

*[If Principal Protected Termination Amount is applicable:*

Protected Amount: [specify] per cent. of the Notional Amount]

(x) Daily Settlement Price [As per the Conditions]/[specify]  
Correction Period:

(k) [Dual Currency Certificates: [Applicable/Not applicable]

*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*

[Dual Currency Condition [1]/[2 [(Alternative)]]: [Less than]/[Less than or equal to]/[Greater than]/[Greater than]/[Greater than or equal to]]

[Dual Currency Determination Date(s): [specify]/[each Valuation Date]]

[Strike Rate: [[specify set exchange rate], expressed as the number of units (or part units) of the Subject Currency for which one unit of the Base Currency can be exchanged]]

### 32. Fund Securities:

[Applicable/Not applicable]

(a) Fund/Fund Basket/Fund Index/Fund Indices/Euro Fund: [specify Fund/Fund Basket/Fund Index/Fund Indices/Euro Fund]

[The Fund Index Sponsor[s] of the Fund [Index/Indices] [is/are] [●]]

[Fund Index Currency: [specify]]

[The [●] Fund is a Mutual Fund]

## FORM OF FINAL TERMS FOR CERTIFICATES

[The [●] Fund is a Hedge Fund]

[The [●] Fund is a Private Equity Fund]

[[The [●] Fund is a Euro Fund]

[The Insurance Company is *[specify]*]

Provisional Minimum Rate: *[specify website]*

Gross Rate of Return: *[specify website]*

[Floor Rate of Return: Applicable – the Floor Rate of Return is *[specify]*]

Euro Fund Business Day Centre: *[specify]*/[Paris]

*(If the Euro Fund Provisions are applicable delete items 32(b) to (i) and 32(k) to (w) below and complete items 32(j) and 32(x))*

[SC/FM Fund Events: Applicable]

(b)	[Fund Share(s):	<i>[specify]</i>
(c)	Fund Documents:	[As per Conditions]/ <i>[specify]</i>
(d)	Fund Business Day:	[All Fund Share Basis/Per Fund Share Basis/Single Fund Share Basis]
(e)	Maximum Days of Disruption:	[As per Conditions]/ <i>[specify]</i>
(f)	Fund Service Provider:	[As per Conditions]/ <i>[specify]</i>
(g)	Calculation Date(s):	[As per Conditions]/ <i>[specify]</i>
(h)	Initial Calculation Date:	[As per Conditions]/ <i>[specify]</i>
(i)	Final Calculation Date:	<i>[specify]</i>
(j)	Hedging Date:	<i>[specify]</i>
(k)	AUM Level:	[As per Conditions]/ <i>[specify]</i>
(l)	NAV Trigger Percentage:	[As per Conditions]/ <i>[specify]</i>
(m)	NAV Trigger Period:	<i>[specify]</i>
(n)	Number of NAV Publication Days:	[As per Conditions]/ <i>[specify]</i>
(o)	Basket Trigger Level:	[As per Conditions]/ <i>[specify]</i>
(p)	Termination Amount:	[Principal    Protected    Termination    Amount]/[Non-Principal                          Protected                          Termination]

## FORM OF FINAL TERMS FOR CERTIFICATES

		Amount]/[Specify]/[Market Value]/[Highest Value]/[Monetisation Option]
		[Fund Event Force Majeure: Applicable]
(q)	Simple Interest Spread:	[As per Conditions]/[specify]
(r)	Termination Date:	[specify]
(s)	Delayed Redemption on Occurrence of an Extraordinary Fund Event:	[Applicable/Not applicable]
(t)	Delayed Payment Cut-off Date:	[As per Conditions]/[specify]
(u)	[Weighting:	The Weighting to be applied to each Fund Share comprising the Fund Basket is [specify]]
(v)	[Protected Amount:	<i>[If Highest Value, Monetisation Option or Delayed Redemption on Occurrence of an Extraordinary Fund Event and Principal Protected Termination Amount are applicable: [specify] per cent. of the Notional Amount]</i>
(w)	Redemption on Occurrence of a Fund Index Adjustment Event:	<p>[Delayed Redemption on Occurrence of a Fund Index Adjustment Event: [Applicable/Not applicable]</p> <p><i>[If applicable: Principal Protected Termination Amount: [Applicable/Not applicable]]</i></p> <p>[Highest Value: [Applicable/Not applicable]]</p> <p>[Market Value: [Applicable/Not applicable]]</p> <p>[Monetisation Option: [Applicable/Not applicable]]</p> <p><i>[If Principal Protected Termination Amount, Highest Value or Monetisation Option are applicable: Protected Amount: [specify] per cent. of the Notional Amount]</i></p> <p>[If the Calculation Agent determines a Fund Index Adjustment Event constitutes a force majeure, Fund Security Condition 6(iv)(F) applies]]</p>
(x)	[Redemption on Occurrence of an Extraordinary Euro Fund Event:	<p>[Delayed Redemption on Occurrence of an Extraordinary Euro Fund Event: [Applicable/Not applicable]</p> <p><i>[If applicable: Principal Protected Termination Amount: [Applicable/Not applicable]]</i></p> <p><i>[If Delayed Redemption on Occurrence of an Extraordinary Euro Fund Event and Principal Protected Termination Amount are applicable: Protected Amount: [specify] per cent. of the Notional Amount]</i></p>
33.	Futures Securities:	[Applicable/Not applicable]

## FORM OF FINAL TERMS FOR CERTIFICATES

- (a) Future(s): *[insert type of Future(s)]*
- (b) Exchange(s): *[specify]*
- (c) Exchange Business Day: *[Single Future Basis/All Futures Basis/Per Futures Basis]*
- (d) Scheduled Trading Day: *[Single Future Basis/All Futures Basis/Per Futures Basis]*  
*(must match election made for Exchange Business Day)*
- (e) Weighting: *[The weighting to be applied to each item comprising the Basket to ascertain the Settlement Price is [●]. Each such Weighting shall be subject to adjustment [in accordance with Annex 10]/[specify other].]/[Not applicable] (N.B. Only applicable in relation to Securities relating to a Basket)*
- (f) Specified Maximum Days of Disruption: *[As defined in Condition 1]/[specify] Scheduled Trading Days].*
- (g) Valuation Time: *[Continuous monitoring [specify other] and the relevant time on the Valuation Date, Observation Date or Averaging Date, as the case may be, is the Scheduled Closing Time as defined in Condition 1.] [specify] (N.B. If no Valuation Time is specified, the Valuation Time will be the Scheduled Closing Time as defined in Condition 1)]*
- (h) Futures Correction Period: *[As per Conditions/specify]*
- (i) Redemption on Occurrence of Futures Adjustment Event: *[Delayed Redemption on Occurrence of Futures Adjustment Event: [Applicable/Not applicable]*  
*[if applicable:*  
*Principal Protected Termination Amount:*  
*[Applicable/Not applicable]]*  
*[Highest Value: [Applicable/Not applicable]]*  
*[Market Value: [Applicable]/[Not applicable]]*  
*[Monetisation Option: [Applicable/Not applicable]]*  
*[If Principal Protected Termination Amount, Highest Value or Monetisation Option are applicable: Protected Amount: [specify] per cent. of the Notional Amount]*  
*[If the Calculation Agent determines a Futures Adjustment Event constitutes a force majeure, Futures Security Condition 3.1(b)(vi) applies]*
- 34.** Credit Security Provisions: *[Applicable/Not applicable]*



## FORM OF FINAL TERMS FOR CERTIFICATES

[(A) Combination Credit Securities: Credit [Principal Component/Interest Component/Principal and Interest Component](*Include if principal and interest have different credit-linkage, delete otherwise*)

[Component Percentage: [●]%) (*Include if portions of principal and/or interest have different credit linkage*)]

(a) Type of Credit Securities: (*Specify all that apply*)

(i) Single Reference Entity Credit Securities: [Applicable/Not applicable]

(ii) Nth-to-Default Credit Securities: [Applicable/Not applicable]  
(*Delete below if not applicable*)

[N: [●]]

M: [[●]/Not applicable]

Unwind Costs for the Remaining Names: [Applicable/Not applicable]

Substitution: [Applicable/Not applicable]]

(iii) Basket Credit Securities: [Applicable/Not applicable]]

(*Delete below if not applicable*)

[Distribution End Date: [●]]

[Distribution Period Redemption/Redemption at Maturity/ Event Determination Date Disapplication applicable.]

(iv) Tranching Credit Securities: [Applicable/Not applicable]

(*Delete below if not applicable*):

[Attachment Point: [●]]

Exhaustion Point: [●]

Incurred Recoveries: [Applicable/Not applicable]]

(b) Credit Linkage:

(i) Reference Entity(ies): [[●]/As specified in the Exhibit to the Final Terms]  
(*Delete if Credit Securities are linked to an index of Reference Entities*)

[Index Credit Securities:

## FORM OF FINAL TERMS FOR CERTIFICATES

Relevant Annex: [●]

Index Sponsor: [●] *(Include if Credit Securities are linked to an index of Reference Entities)*

- (ii) Transaction Type: [Standard North American Corporate/Standard European Corporate/Standard European Financial Corporate/Standard European CoCo Financial Corporate/Standard European Senior Non-Preferred Financial Corporate/Standard Subordinated European Insurance Corporate/Standard Emerging European Corporate LPN/Standard Emerging European Corporate/Standard Latin American Corporate BL/Standard Australia [Financial] Corporate/Standard New Zealand [Financial] Corporate/Standard Japan [Financial] Corporate/Standard Singapore [Financial] Corporate/Standard Asia [Financial] Corporate/Standard Sukuk Corporate/Standard Western European Sovereign/Standard Latin America Sovereign/Standard Emerging European & Middle Eastern Sovereign/Standard Australia Sovereign/Standard New Zealand Sovereign/Standard Japan Sovereign/Standard Singapore Sovereign/Standard Asia Sovereign/Standard Sukuk Sovereign/Standard U.S. Municipal Full Faith and Credit/Standard U.S. Municipal General Fund/Standard U.S. Municipal Revenue/[●]/As specified in the Exhibit to the Final Terms/As specified in the Relevant Annex]
- (iii) [Reference Entity Notional Amount/Reference Entity Weighting:] *(Specify amount or weighting)* [[With respect to [●]: *(Delete if single Reference Entity, specify in respect of each entity if multiple Reference Entities)*] [●]/As per the Credit Security Conditions/As specified in the Exhibit to the Final Terms/As specified in the Relevant Annex]
- (iv) Reference Obligation(s): [Applicable/Not applicable]  
*(Delete below if not applicable)*
- Standard Reference Obligation: [Applicable/Not applicable]  
*(Delete below if not applicable):*  
  
[Standard Reference Obligation as of the date of Final Terms:] *(Include if SRO is set out in Final Terms for information)*  
  
[[With respect to [●]: *(Delete if single Reference Entity, specify in respect of each entity if multiple Reference Entities)*]:  
  
Primary Obligor: [●]

## FORM OF FINAL TERMS FOR CERTIFICATES

Guarantor: ☐

Maturity: ☐

Coupon: ☐

CUSIP/ISIN: ☐

Original Issue Amount: ☐

/As specified in the Exhibit to the Final Terms/As specified in the Relevant Annex]

(v) Credit Linked Interest Only: [Applicable/Not applicable] *(Do not apply for Hybrid Credit Securities, where exclusive of credit linkage is expressed as an Excluded Item)*

(vi) Credit-Linked Principal Only: [Applicable/Not applicable] *(Do not apply for Hybrid Credit Securities, where exclusive of credit linkage is expressed as an Excluded Item)*

(c) Terms relating to Credit Event Settlement

(i) Settlement Method: [Auction Settlement/Cash Settlement/Physical Settlement/Zero Recovery]

Principal Protection Level: [☐]/Not applicable] *(May be deleted if principal protection is not applicable)*

[Terms relating to Cash Settlement:

Final Price: [☐]/As per the Credit Security Conditions]Quotation Amount: [☐]/As per the Credit Security Conditions]

[Minimum Quotation Amount: [☐]/As per the Credit Security Conditions

Credit Event Cash Settlement Date: [☐]/As per the Credit Security Conditions] *(Include if Cash Settlement applicable as the Settlement Method)*

[Terms relating to Physical Settlement:

Physical Settlement Period: [☐]/As per the Credit Security Conditions] *(Include if Physical Settlement applicable as the Settlement Method)*

[[Fallback Settlement Method: [Cash Settlement/Physical Settlement/Not applicable]

[Terms relating to Fallback Cash Settlement:

## FORM OF FINAL TERMS FOR CERTIFICATES

Final Price: [●]/As per the Credit Security Conditions]

Quotation Amount: [●]/As per the Credit Security Conditions]

Minimum Quotation Amount: [●]/As per the Credit Security Conditions

Credit Event Cash Settlement Date: [●]/As per the Credit Security Conditions] *(Include if Cash Settlement applicable as the Fallback Settlement Method)*

[Terms relating to Fallback Physical Settlement:

Physical Settlement Period: [●]/As per the Credit Security Conditions] *(Include if Physical Settlement applicable as the Fallback Settlement Method)*

- |       |                         |   |
|-------|-------------------------|---|
| (ii)  | Credit Unwind Costs     | [Applicable/Not applicable]                 |
| (iii) | Settlement at Maturity: | [Applicable/Not applicable]                 |
| (iv)  | Settlement Currency     | [As per the Credit Security Conditions/[●]] |
- (d) Miscellaneous Credit Terms
- |       |  |   |
|-------|--|---|
| (i)   | Merger Event:                          | [[Applicable/Not applicable]  |
|       |  | <i>(Delete below if not applicable)</i>   |
|       |  | [Merger Event Redemption Date: [●]]   |
|       |  | Merger Type: [Reference Entity/Holders Merger]<br>[Reference Entity/Issuer Merger]]   |
| (ii)  | Credit Event Backstop Date:            | [As per the Credit Security Conditions/The date that is 60 calendar days prior to the Trade Date/Issue Date/[●]]                                |
| (iii) | Credit Observation Period<br>End Date: | [Applicable: [●]/Not applicable]  |
| (iv)  | CoCo Supplement:                       | [Applicable/Not applicable/As specified in the Exhibit to the Final Terms/As specified in the Relevant Annex/As per the Transaction Type]       |
|       |  | <i>(Delete below if not applicable)</i>   |
|       |  | [Trigger Percentage: [As specified in the Exhibit to the Final Terms/As specified in the Relevant Annex/As per the Credit Security Conditions]] |
| (v)   | LPN Reference Entities:                | [Applicable/Not applicable/[●]/As specified in the Exhibit to the Final Terms/As specified in the Relevant Annex/As per the Transaction Type]   |

## FORM OF FINAL TERMS FOR CERTIFICATES

- (vi) NTCE Provisions: [Applicable/Not applicable/As specified in the Exhibit to the Final Terms/As specified in the Relevant Annex/As per the Transaction Type]
- [Where NTCE Provisions are applicable:]
- [Fallback Discounting: [Applicable/Not applicable/As specified in the Exhibit to the Final Terms/As specified in the Relevant Annex/As per the Transaction Type]]
- [Credit Deterioration Requirement: [Applicable/Not applicable/As specified in the Exhibit to the Final Terms/As specified in the Relevant Annex/As per the Transaction Type]]
- (vii) Accrual of Interest upon Credit Event: Accrual to: [Interest Payment Date/Interest Period End Date/Event Determination Date]
- (viii) Interest following Scheduled Redemption: [Deposit Rate/[●]/Not applicable]
- (ix) Hybrid Credit Securities: [Applicable/Not applicable]
- (Delete below if not applicable)*
- Event Determination Date Overrides Automatic Early Redemption: [Applicable/Not applicable]
- Credit Linked Calculation Basis: [Applicable/Not applicable]
- [Excluded Items: [Item 12 (*Final Payout*) (*Include Item 12 (Final Payout) as an Excluded Item where the Final Payout overrides item 34 (Credit Security Provisions)*) [●]] (*Delete if not applicable*)
- (x) Bonus Coupon Credit Securities: [Applicable/Not applicable]
- (Delete below if not applicable)*
- [Bonus Coupon Rate: [●]]
- Outstanding Bonus Coupon Rate Method: [Standard/Averaging]
- Bonus Coupon Accrual Basis: [Running Basis/Final Payment]
- Bonus Coupon Payment Date(s): [[●]/Final Settlement Date only]
- Bonus Coupon Day Count Fraction: [●]]

## FORM OF FINAL TERMS FOR CERTIFICATES

Bonus Coupon Determination Date: [●] [*e.g. Two Business Days prior to Bonus Coupon Payment Date*]

Bonus Coupon Attachment Point: [●]

Bonus Coupon Exhaustion Point: [●]

Bonus Coupon Implicit Portfolio Size: [●]

(xi) Additional Credit Security Disruption Events: [Applicable/Not applicable]

*(Delete below if not applicable)*

[Change in Law: [Applicable/Not applicable]

Hedging Disruption: [Applicable/Not applicable]

Increased Cost of Hedging: [Applicable/Not applicable]

Disruption redemption basis: [Fair Market Value/Monetisation Option/As per Collateral Security Condition 5.6<sup>60</sup>]

(xii) Change in Standard Terms and Market Conventions: [Applicable/Not applicable]

(xiii) Hedging Link Provisions: [Applicable/Not applicable]

(xiv) Calculation and Settlement Suspension: [Applicable/Not applicable]

(xv) Additional Credit Provisions: [[●]/Not applicable]

[(B) Combination Credit Securities: Credit [Principal Component/Interest Component/Principal and Interest Component] *(Include if principal and interest have different credit-linkage, delete otherwise)*

[Component Percentage: [●]%) *(Include if portions of principal and/or interest have different credit linkage)*

(a) Type of Credit Securities: *(Specify all that apply)*

(i) Single Reference Entity Credit Securities: [Applicable/Not applicable]

(ii) Nth-to-Default Credit Securities: [Applicable/Not applicable]

*(Delete below if not applicable)*

[N: [●]]

M: [[●]/Not applicable]

---

<sup>60</sup> Only applicable for Credit Notional Value Repack Securities.

## FORM OF FINAL TERMS FOR CERTIFICATES

- Unwind Costs for the Remaining Names:  
[Applicable/Not applicable]
- Substitution: [Applicable/Not applicable]
- (iii) Basket Credit Securities: [Applicable/Not applicable]
- (Delete below if not applicable)*
- [Distribution End Date: [●]]
- [Distribution Period Redemption/Redemption at Maturity/Event Determination Date Disapplication] applicable.]
- (iv) Tranched Credit Securities: [Applicable/Not applicable]
- (Delete below if not applicable)*
- [Attachment Point: [●]]
- Exhaustion Point: [●]
- Incurred Recoveries: [Applicable/Not applicable]]
- (b) Credit Linkage
- (i) Reference Entity(ies): [[●]/As specified in the Exhibit to the Final Terms]  
*(Delete if Credit Securities are linked to an index of Reference Entities)*
- [Index Credit Securities:
- Relevant Annex: [●]]
- Index Sponsor: [●]] *(Include if Credit Securities are linked to an index of Reference Entities)]*
- (ii) Transaction Type: [Standard North American Corporate/Standard European Corporate/Standard European Financial Corporate/Standard European CoCo Financial Corporate/Standard European Senior Non-Preferred Financial Corporate/Standard Subordinated European Insurance Corporate/Standard Emerging European Corporate LPN/Standard Emerging European Corporate/Standard Latin American Corporate BL/Standard Australia [Financial] Corporate/Standard New Zealand [Financial] Corporate/Standard Japan [Financial] Corporate/Standard Singapore [Financial] Corporate/Standard Asia [Financial] Corporate/Standard Sukuk Corporate/Standard Western European Sovereign/Standard Latin America Sovereign/Standard Emerging European & Middle Eastern

## FORM OF FINAL TERMS FOR CERTIFICATES

- Sovereign/Standard Australia Sovereign/Standard New Zealand Sovereign/Standard Japan Sovereign/Standard Singapore Sovereign/Standard Asia Sovereign/Standard Sukuk Sovereign/Standard U.S. Municipal Full Faith and Credit/Standard U.S. Municipal General Fund/Standard U.S. Municipal Revenue/[●]/As specified in the Exhibit to the Final Terms/As specified in the Relevant Annex]
- (iii) [Reference Entity Notional Amount/Reference Entity Weighting:] (Specify amount or weighting) [With respect to [●]: (Delete if single Reference Entity, specify in respect of each entity if multiple Reference Entities)] [●]/As per the Credit Security Conditions
- /As specified in the Exhibit to the Final Terms
- /As specified in the Relevant Annex]
- (iv) Reference Obligation(s): [Applicable/Not applicable]
- (Delete below if not applicable)
- Standard Reference Obligation: [Applicable/Not applicable]
- (Delete below if not applicable)
- [[With respect to [●]: (Delete if single Reference Entity, specify in respect of each entity if multiple Reference Entities)]:
- [Standard Reference Obligation as of the date of Final Terms:] (Include if SRO is set out in Final Terms for information)
- Primary Obligor: [●]
- Guarantor: [●]
- Maturity: [●]
- Coupon: [●]
- CUSIP/ISIN: [●]
- Original Issue Amount: [●]
- /As specified in the Exhibit to the Final Terms/As specified in the Relevant Annex]
- (v) Credit Linked Interest Only: [Applicable/Not applicable] (Do not apply for Hybrid Credit Securities, where exclusive of credit linkage is expressed as an Excluded Item)
- (vi) Credit-Linked Principal Only: [Applicable/Not applicable] (Do not apply for Hybrid Credit Securities, where exclusive of credit linkage is expressed as an Excluded Item)



## FORM OF FINAL TERMS FOR CERTIFICATES

(c) Terms relating to Credit Event Settlement

(i) Settlement Method:

Auction Settlement

/Cash Settlement

/Physical Settlement/Zero Recovery]

Principal Protection Level: [☐]/Not applicable] *(May be deleted if principal protection is not applicable)*

[Terms relating to Cash Settlement:

Final Price: [☐]/As per the Credit Security Conditions]

Quotation Amount: [☐]/As per the Credit Security Conditions]

Minimum Quotation Amount: [☐]/As per the Credit Security Conditions

Credit Event Cash Settlement Date: [☐]/As per the Credit Security Conditions] *(Include if Cash Settlement applicable)*

[Terms relating to Physical Settlement:

Physical Settlement Period: [☐]/As per the Credit Security Conditions] *(Include if Physical Settlement applicable as the Settlement Method)*

[Fallback Settlement Method: [Cash Settlement/Physical Settlement/Not applicable]

[Terms relating to Fallback Cash Settlement:

Final Price: [☐]/As per the Credit Security Conditions]

Quotation Amount: [☐]/As per the Credit Security Conditions]

Minimum Quotation Amount: [☐]/As per the Credit Security Conditions

Credit Event Cash Settlement Date: [☐]/As per the Credit Security Conditions] *(Include if Cash Settlement applicable as the Fallback Settlement Method)*

[Terms relating to Fallback Physical Settlement:

Physical Settlement Period: [☐]/As per the Credit Security Conditions] *(Include if Physical Settlement applicable as the Fallback Settlement Method)*

## FORM OF FINAL TERMS FOR CERTIFICATES

- (ii) Credit Unwind Costs: [Applicable/Not applicable]
- (iii) Settlement at Maturity: [Applicable/Not applicable]
- (iv) Settlement Currency: [As per the Credit Security Conditions/[●]]
- (d) Miscellaneous Credit Terms
- (i) Merger Event: [Applicable/Not applicable]
- (Delete below if not applicable)*
- [Merger Event Redemption Date: [●]]
- Merger Type: [Reference Entity/Holders Merger][Reference Entity/Issuer Merger]
- (ii) Credit Event Backstop Date: [As per the Credit Security Conditions/The date that is 60 calendar days prior to the Trade Date/Issue Date/[●]]
- (iii) Credit Observation Period End Date: [Applicable: [●]/Not applicable]
- (iv) CoCo Supplement: [Applicable/Not applicable/As specified in the Exhibit to the Final Terms/As specified in the Relevant Annex/As per the Transaction Type]
- (Delete below if not applicable)*
- [Trigger Percentage: [As specified in the Exhibit to the Final Terms/As specified in the Relevant Annex/As per the Credit Security Conditions]]
- (v) LPN Reference Entities: [Applicable/Not applicable/[●]/As specified in the Exhibit to the Final Terms/As specified in the Relevant Annex/As per the Transaction Type]
- (vi) NTCE Provisions: [Applicable/Not applicable/As specified in the Exhibit to the Final Terms/As specified in the Relevant Annex/As per the Transaction Type]
- [Where NTCE Provisions are applicable:]
- [Fallback Discounting: [Applicable/Not applicable/As specified in the Exhibit to the Final Terms/As specified in the Relevant Annex/As per the Transaction Type]]
- [Credit Deterioration Requirement: [Applicable/Not applicable/As specified in the Exhibit to the Final Terms/As specified in the Relevant Annex/As per the Transaction Type]]

## FORM OF FINAL TERMS FOR CERTIFICATES

- (vii) Accrual of Interest upon Credit Event:      Accrual to: [Interest Payment Date/Interest Period End Date/Event Determination Date]
- (viii) Interest following Scheduled Redemption:      Deposit Rate/[●]/Not applicable]
- (ix) Hybrid Credit Securities:      [Applicable/Not applicable]
- (Delete below if not applicable)*
- Event Determination Date Overrides Automatic Early Redemption: [Applicable/Not applicable]
- Credit Linked Calculation Basis: [Applicable/Not applicable]
- [Excluded Items: [●]] *(Delete if not applicable)*
- (x) Bonus Coupon Credit Securities:      [Applicable/Not applicable]
- (Delete below if not applicable)*
- [Bonus Coupon Rate: [●]]
- Outstanding Bonus Coupon Rate Method: [Standard/Averaging]
- Bonus Coupon Accrual Basis: [Running Basis/Final Payment]
- Bonus Coupon Payment Date(s): [[●]/Final Settlement Date only]
- Bonus Coupon Day Count Fraction: [●]
- Bonus Coupon Determination Date: [●] *[e.g. Two Business Days prior to Bonus Coupon Payment Date]*
- Bonus Coupon Attachment Point: [●]
- Bonus Coupon Exhaustion Point: [●]
- Bonus Coupon Implicit Portfolio Size: [●]
- (xi) Additional Credit Security Disruption Events:      [Applicable/Not applicable]
- (Delete below if not applicable)*
- [Change in Law: [Applicable/Not applicable]
- Hedging Disruption: [Applicable/Not applicable]
- Increased Cost of Hedging: [Applicable/Not applicable]

## FORM OF FINAL TERMS FOR CERTIFICATES

Disruption redemption basis: [Fair Market Value/Monetisation Option/As per Collateral Security Condition 5.6<sup>61</sup>]

(xii) Change in Standard Terms and Market Conventions: [Applicable/Not applicable]

(xiii) Hedging Link Provisions: [Applicable/Not applicable]

(xiv) Calculation and Settlement Suspension: [Applicable/Not applicable]

(xv) Additional Credit Provisions: [[●]/Not applicable]

35. Underlying Interest Rate Securities: [Applicable/Not applicable]

*(If not applicable, delete the remaining sub-paragraphs of this paragraph.)*

(a) Underlying Interest Determination Date(s): [Specify]

*(If more than one [Underlying Interest Rate] is to be determined, include the following language: "Underlying Interest Rate<sub>1</sub>:")*

(b) Manner in which the Underlying Interest Rate is to be determined: [Screen Rate Determination/ISDA Determination]

(A) Screen Rate Determination: [Applicable/Not applicable]

*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*

(a) [Underlying Reference Rate: [specify] *(Either EURIBOR or other)*

(b) Specified Time: [specify]

*(which will be 11:00 am, Brussels time, in the case of EURIBOR)*

(c) Relevant Screen Page: [specify]

(B) ISDA Determination [Applicable/Not applicable]

*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*

(a) [Floating Rate Option: [specify]

<sup>61</sup> Only applicable for Credit Notional Value Repack Securities.

## FORM OF FINAL TERMS FOR CERTIFICATES

(b) Designated Maturity: *[specify]*

(c) Reset Date: *[specify]*

*(N.B. The fallback provisions applicable to ISDA Determination under the 2006 ISDA Definitions are reliant upon the provision by reference banks of offered quotations for EURIBOR which, depending on market circumstances, may not be available at the relevant time)*

(c) Underlying Margin(s): *[+/-][●]* per cent. per annum

(d) Minimum Underlying Reference Rate: *[●]* per cent. per annum

(e) Maximum Underlying Reference Rate: *[●]* per cent. per annum

*(If more than one [Underlying Interest Rate] is to be determined, include the following language: "Underlying Interest Rate<sub>2</sub>:" and repeat items 35(b) to (e).*

*Repeat for each Underlying Interest Rate.)*

**36.** Preference Share Certificates: *[Applicable/Not applicable]*

(a) Preference Share: *[insert class, series number, ISIN and description of preference shares]*

(b) Preference Share Redemption Valuation Date: *[specify]*

**37.** OET Certificates: *[Applicable/Not applicable]*

(a) Final Price: *[As per OET Certificate Conditions]*

(b) Valuation Date: *[As per OET Certificate Conditions]/[specify]*

(c) Exercise Price: *[specify]*

(d) Capitalised Exercise Price: *[As per OET Certificate Conditions]*

OET Website(s):

*[www.produitsdebourse.bnpparibas.fr]/[www.listedproducts.cib.bnpparibas.be]/[www.educatedtrading.bnpparibas.se]/[specify]*

Local Business Day Centre(s): *[specify]*

(e) Capitalised Exercise Price Rounding Rule: *[upwards/downwards] [●] digits*

(f) Dividend Percentage: *[[specify][subject to adjustment by the Calculation Agent in accordance with the OET Certificate Conditions]/[Not applicable]*

## FORM OF FINAL TERMS FOR CERTIFICATES

(N.B. Not applicable in respect of Commodity OET Certificates, Debt OET Certificates, Currency OET Certificates or Futures OET Certificates)

- |       |                                    |  |
|-------|------------------------------------|--|
| (g)   | Financing Rate:                    |  |
| (i)   | Interbank Rate 1 Screen Page:      | [specify]  |
| (ii)  | Interbank Rate 1 Specified Time:   | [specify][As per OET Certificate Conditions]   |
| (iii) | Interbank Rate 2 Screen Page:      | [specify]  |
| (iv)  | Interbank Rate 2 Specified Time:   | [specify][As per OET Certificate Conditions]   |
| (v)   | Financing Rate Percentage:         | [+/-][specify]   |
| (vi)  | Financing Rate Range:              | [specify]  |
| (h)   | Automatic Early Redemption:        | [Applicable/Not applicable]  |
|       |                                    | <i>(If not applicable, delete the remaining sub-paragraphs of this paragraph)</i>  |
| (i)   | Automatic Early Redemption Payout: | [Automatic Early Redemption Payout 2210/1]<br>[Insert related provisions from Conditions]<br>[Automatic Early Redemption Payout 2210/2]<br>[Insert related provisions from Conditions]                     |
| (ii)  | Automatic Early Redemption Date:   | [●] Business Days following the Valuation Date.  |
| (iii) | Observation Price:                 | [Official level]/[Opening price]/[Official close]/[Closing price]/[Purchase price]/[Sale price]/[Traded price]/[Bid price]/[Asked price]/[Last price]/[Official settlement price]/[Daily settlement price] |
| (iv)  | Observation Price Source           | [specify source]   |
| (v)   | Observation Time(s):               | [At any time during the opening hours of the Exchange]/[specify]   |
| (vi)  | Security Threshold:                | [As per OET Certificate Conditions]<br>[Security Threshold Time: [specify]/[As per Conditions]]  |
|       |                                    | The Security Threshold in respect of a Relevant Business Day will be published as soon as practicable after its determination on the OET Website(s), as set out in § 34(d)                                 |

## FORM OF FINAL TERMS FOR CERTIFICATES

- (vii) Security Threshold Rounding Rule: [upwards/downwards] [●] digits
- (viii) Security Percentage: [specify]
- (ix) Minimum Security Percentage: [specify]/[Not applicable]
- (x) Maximum Security Percentage: [specify]/[Not applicable]
- (xi) Reset Date: [As per OET Certificate Conditions]/[specify]
- 38.** Illegality (Security Condition 7.1) and Force Majeure (Security Condition 7.2):
- Illegality: [[Highest Value]/[Market Value]/[Monetisation Option] applicable]/[redemption in accordance with Security Condition 7.1(d)] [Annex Early Redemption Event – External Event is applicable]<sup>62</sup>
- [If Highest Value or Monetisation Option are applicable:*  
Protected Amount: [Specify]]
- Force Majeure: redemption in accordance with Security Condition [7.2(a)]/[7.2(b)] [Annex Early Redemption Event – External Event is applicable]<sup>63</sup>
- 39.** Additional Disruption Events and Optional Additional Disruption Events:
- (a) Additional Disruption Events: [Applicable/Not applicable]/[[Change in Law/Hedging Disruption] does not apply to the Securities]
- [[Increased Cost of Hedging]/[Collateral Disruption]/[Increased Cost of Collateral Assets]<sup>64</sup>
- [Change in Law – Hedge Maintenance Cost: Not applicable]
- [Hedging Disruption – PRC Disruption applies]
- (b) [The following Optional Additional Disruption Events apply to the Securities:
- (Specify each of the following which applies. N.B. Optional Additional Disruption Events are applicable to certain Index Securities, Share Securities, ETI Securities and Commodity Securities. Careful consideration should be given to whether Optional Additional Disruption Events would apply for Debt Securities,*

<sup>62</sup> Only specify "Annex Early Redemption Event – External Event" where Part C or D of Annex 13 is to apply and Collateral Security Condition 5.5 is to apply, rather than Condition 7.1 and 7.2.

<sup>63</sup> Only specify "Annex Early Redemption Event – External Event" where Part C or D of Annex 13 is to apply and Collateral Security Condition 5.5 is to apply, rather than Condition 7.1 and 7.2.

<sup>64</sup> Specify these events as not applicable where Part A or B of Annex 13 applies and these events are to be disappplied.

## FORM OF FINAL TERMS FOR CERTIFICATES

*Currency Securities and Fund Securities and, if so, the relevant definitions will require amendment. Careful consideration should be given to any Additional Disruption Events and/or Optional Additional Disruption Events in the case of U.S. Securities)*

[Not applicable]

[Administrator/Benchmark Event]

[Increased Cost of Hedging]

[Increased Cost of Stock Borrow]

[Insolvency Filing]

*(N.B. Only applicable in the case of Share Securities)*

[Cancellation Event]

*(N.B. Only applicable in the case of Debt Securities)*

[Loss of Stock Borrow]

[[Stop-Loss Event]

[Stop-Loss Event Percentage: [5] per cent.]]

[Currency Event]

[Extraordinary External Event]

[Jurisdiction Event]

Hedging Arrangements: Not applicable]

[Significant Alteration Event]

[Failure to Deliver due to Illiquidity]

*(N.B. Only applicable in the case of Physical Delivery Securities that are not U.S. Securities – Failure to Deliver due to Illiquidity is applicable to certain Share Securities. Careful consideration should be given to whether Failure to Deliver due to Illiquidity would apply to other Physical Delivery Securities)*

[Hedging Party Default]



## FORM OF FINAL TERMS FOR CERTIFICATES

- (c) [The Maximum Stock Loan Rate in respect of *[specify in relation to each relevant Share/Security]* is [●].

*(N.B. Only applicable if Loss of Stock Borrow is applicable)*

[The Initial Stock Loan rate in respect of *[specify in relation to each relevant Share/Security]* is [●].

*(N.B. Only applicable if Increased Cost of Stock Borrow is applicable)*

- (d) Redemption:

[Delayed Redemption on Occurrence of an Additional Disruption Event and/or Optional Additional Disruption Event: [Applicable/Not applicable]

*[if applicable:*

Principal Protected Termination Amount: [Applicable/Not applicable]]

[Highest Value: [Applicable/Not Applicable]]

[Market Value: [Applicable]/[Not Applicable]]

[Monetisation Option: [Applicable/Not applicable]]

*[If Principal Protected Termination Amount, Highest Value or Monetisation Option are applicable: Protected Amount: [specify] per cent. of the Notional Amount]]*

[As per Condition 15.2 (as amended by Actively Managed Security Condition 7.1)]

### 40. Knock-in Event<sup>65</sup>:

[Applicable/Not applicable]

[If applicable:

*[specify]/["greater than"/"greater than or equal to"/"less than"/"less than or equal to"/"within"]]*

*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*

<sup>65</sup>

Only applicable in relation to Index Securities, Share Securities, ETI Securities, Commodity Securities, Currency Securities, Debt Securities and Futures Securities.

## FORM OF FINAL TERMS FOR CERTIFICATES

- (a) SPS Knock-in Valuation: [Applicable/Not applicable]
- [If applicable insert relevant provisions from Conditions]*
- [If SPS Knock-in Valuation is not applicable and the Securities are Currency Securities, specify if FX Knock-in Valuation is applicable.]*
- [If FX Knock-in Valuation is applicable, insert relevant provisions from Conditions.]*
- [FX Coupon Performance: [Applicable/Not applicable]]
- [Performance Value: [Applicable/Not applicable]]
- (b) Level: [Official level]/[Official close]/[last price]/[traded price]/[bid price]/[asked price]/[Standard Level]/[Not applicable]
- (c) Knock-in Level/ Knock-in Range Level: *[specify]* [FX Knock-in Level]
- [If FX Knock-in Level is specified insert relevant provisions from Conditions]*
- (d) Knock-in Period Beginning Date: *[specify]*
- (e) Knock-in Period Beginning Date Day Convention: [Applicable/Not applicable]
- (f) Knock-in Determination Period: *[specify]*/[See definition in Condition 16]
- (g) Knock-in Determination Day(s): *[specify]*/[Each [Scheduled Trading Day/ Scheduled Custom Index Business Day/ Commodity Business Day/Fund Business Day/Business Day] in the Knock-in Determination Period]
- (h) Knock-in Period Ending Date: *[specify]*
- (i) Knock-in Period Ending Date Day Convention: [Applicable/Not applicable]
- (j) Knock-in Valuation Time: *[specify]*/See definition in Condition 16]/[Valuation Time]/[Any time on a Knock-in Determination Day]/[Not applicable]
- (k) Knock-in Observation Price Source: *[specify]*
- (l) Disruption Consequences: [Applicable/Not applicable]
- 41.** Knock-out Event<sup>66</sup>: [Applicable/Not applicable]

<sup>66</sup>

Only applicable in relation to Index Securities, Share Securities, ETI Securities, Commodity Securities, Currency Securities, Debt Securities and Futures Securities.

## FORM OF FINAL TERMS FOR CERTIFICATES

[If applicable:

[specify]/["greater than"/"greater than or equal to"/"less than"/"less than or equal to"/"within"/[[Knock-out Corridor Range]]

*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*

(a) SPS Knock-out Valuation:

[Applicable/Not applicable]

*[If applicable insert relevant provisions from Conditions]*

*[If SPS Knock-out Valuation is not applicable and the Securities are Currency Securities, specify if FX Knock-out Valuation is applicable.]*

*[If FX Knock-out Valuation is applicable, insert relevant provisions from Conditions.]*

[FX Coupon Performance: [Applicable/Not applicable]]

[Performance Value: [Applicable/Not applicable]]

(b) Level:

[Knock-out Corridor Value 1:] [Official level]/[Official close]/[last price]/[traded price]/[bid price]/[asked price]/[Standard Level]/[Not applicable]

[Knock-out Corridor Value 2: [official level]/[official close]/[last price]/[traded price]/[bid price]/[asked price]/[Standard Level]/[Not applicable]]

(c) Knock-out Level/Knock-out Range Level/Knock-out Corridor Range:

[specify][FX Knock-out Level]

*[If FX Knock-out Level is specified insert relevant provisions from Conditions]*

*[If Knock-out Corridor Range is applicable:*

Knock-out Low Barrier: [specify]

Knock-out High Barrier: [specify]]

(d) Knock-out Period Beginning Date:

[specify]

(e) Knock-out Period Beginning Date Day Convention:

[Applicable/Not applicable]

(f) Knock-out Determination Period:

[specify]/[See definition in Condition 16]

(g) Knock-out Determination Day(s):

[specify]/[Each [Scheduled Trading Day/ Scheduled Custom Index Business Day/ Commodity Business

## FORM OF FINAL TERMS FOR CERTIFICATES

Day/Fund Business Day/Business Day] in the Knock-out Determination Period]

- (h) Knock-out Period Ending Date: [specify]
- (i) Knock-out Period Ending Date Day Convention: [Not applicable/Applicable]
- (j) Knock-out Valuation Time: [specify]/[See definition in Condition 16] [Any time on a Knock-out Determination Day]/[Valuation Time]/[Not applicable]
- (k) Knock-out Observation Price Source: [specify]
- (l) Disruption Consequences: [Applicable/Not applicable]

### 42. EXERCISE, VALUATION AND REDEMPTION

- (a) Notional Amount of each Certificate: [[currency]][amount]/[Not applicable]].  

[Redenomination: Not applicable]

[FX Settlement Disruption Event Determination: Applicable]
- (b) Partly Paid Certificates: The Certificates [are/are not] Partly Paid Certificates.  

*[specify details of the amount of each payment comprising the Issue Price and date on which each payment is to be made and consequences of failure to pay, including any right of the Issuer to forfeit the Certificates and interest due on late payment]*

*(N.B. A new form of Global Certificate may be required for Partly Paid Certificates)*
- (c) Interest: [Applicable/Not applicable]  

*(If not applicable, delete the remaining sub-paragraphs under this paragraph)*

[Coupon Switch: [Applicable / Not applicable]]

[If applicable:

[Coupon Switch Election: Applicable]

[Automatic Coupon Switch: Applicable]

[Target Switch Coupon: Applicable]

*[insert relevant provisions from Conditions]]*

Pre-Switch Coupon: [specify Interest Basis] - [Fixed Rate]/[Floating Rate]/[Linked Interest]: [SPS Fixed

## FORM OF FINAL TERMS FOR CERTIFICATES

Coupon]/[SPS Variable Amount Coupon]/[Digital Coupon]/[Snowball Digital Coupon]/[Accrual Digital Coupon]/[Stellar Coupon]/[Cappuccino Coupon]/[Ratchet Coupon]/[Driver Coupon]/[Nova Coupon]/[Sum Coupon]/[Option Max Coupon]/[Transition Coupon]/[FX Vanilla Coupon]/[FX Digital Coupon]/[FX Range Accrual Coupon]/[FX Memory Coupon]/[FI Digital Coupon]/[Range Accrual Coupon]/[Combination Floater Coupon]/[PRDC Coupon]/[FI Digital Floor Coupon]/[FI Digital Cap Coupon]/[FI Target Coupon]/[Duration Adjusted Coupon] (see items *[specify]* below)

Post-Switch Coupon: *[specify Interest Basis]* - [Fixed Rate]/[Floating Rate]/[Linked Interest]: [SPS Fixed Coupon]/[SPS Variable Amount Coupon]/[Digital Coupon]/[Snowball Digital Coupon]/[Accrual Digital Coupon]/[Stellar Coupon]/[Cappuccino Coupon]/[Ratchet Coupon]/[Driver Coupon]/[Nova Coupon]/[Sum Coupon]/[Option Max Coupon]/[Transition Coupon]/[FX Vanilla Coupon]/[FX Digital Coupon]/[FX Range Accrual Coupon]/[FX Memory Coupon]/[FI Digital Coupon]/[Range Accrual Coupon]/[Combination Floater Coupon]/[PRDC Coupon]/[FI Digital Floor Coupon]/[FI Digital Cap Coupon]/[FI Target Coupon]/[Duration Adjusted Coupon] (*insert relevant provisions, replicating relevant prompts from this item (c) and items (d) to (j) and (k) to (t) as applicable, below*)

Additional Switch Coupon: [Applicable/Not applicable]  
[If applicable: *[Specify]* [Notional Amount × [●] %]]

Coupon Switch Date[s]: *[Specify]*

*(If not applicable, delete the remaining sub-paragraphs of this paragraph and if no Premium Amount payable also delete items 42(d) - 42(q))*

*(If the Certificates are Fixed Rate Certificates and Floating Rate Certificates, complete prompts (i) to (xiii) accordingly)*

- |       |  |  |
|-------|--|--|
| (i)   | Interest Period(s):                                      | <i>[specify]</i>   |
| (ii)  | Interest Period End Date(s):                             | <i>[specify]</i>   |
| (iii) | Business Day Convention for Interest Period End Date(s): | [Following/Modified Following/Preceding/FRN/None/Not applicable] |

## FORM OF FINAL TERMS FOR CERTIFICATES

*(A Business Day Convention must be specified where the Reference Rate is SONIA, SOFR, €STR, SARON or TONA)*

- |        |  |  |
|--------|--|--|
| (iv)   | Interest Payment Date(s):  | [specify]  |
| (v)    | Business Day Convention for Interest Payment Date(s):  | [Following/Modified Following/Preceding/FRN/None/Not applicable]   |
|        |  | <i>(If a Business Day Convention is specified for Interest Period End Date(s), unless Interest Payment Date(s) is (are) expressed to be a number of Business Days after the relevant Interest Period End Final Date, Interest Payment Date(s) must be subject to the same Business Day Convention)</i> |
| (vi)   | Party responsible for calculating the Rate(s) of Interest and Interest Amount(s) (if not the Calculation Agent): | [specify]  |
| (vii)  | Margin(s):   | [[+/-][specify] per cent. per annum/Not applicable]  |
| (viii) | Minimum Interest Rate:   | [[specify] per cent. per annum/As per the Conditions]  |
| (ix)   | Maximum Interest Rate:   | [[specify] per cent. per annum/Not applicable]   |
| (x)    | Day Count Fraction:  | [specify]/[unadjusted]   |
| (xi)   | Determination Dates:   | [specify] in each year <i>[insert regular payment dates, ignoring issue date or redemption date in the case of a long or short first or last coupon.] (N.B. only relevant where Day Count Fraction is Actual/Actual (ICMA))</i>  |
| (xii)  | Accrual to Redemption:   | [Applicable/Not Applicable]  |
|        |  | [If Accrual to Redemption is Not Applicable:<br><br>Accrual to Preceding IPED: [Applicable/Not Applicable][ <i>insert in the case of Credit Securities where Accrual to Redemption is Not Applicable</i> ]]  |
| (xiii) | Rate of Interest:  | [Fixed Rate[ - Currency Security Conditions 10 to 15 apply]]<br><br>[Floating Rate]<br><br>[Fixed Rate and Floating Rate]<br><br>[Linked Interest]   |
| (xiv)  | Coupon Rate:   | [Applicable/Not applicable]  |

## FORM OF FINAL TERMS FOR CERTIFICATES

*(Include one or more of the following if applicable):*

[SPS Fixed Coupon applicable:

*[Insert formula and other related provisions from Payout Conditions]]*

[SPS Variable Amount Coupon applicable:

*[Insert formula and other related provisions from Payout Conditions.]]*

[Digital Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Snowball Digital Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Accrual Digital Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Stellar Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Cappuccino Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Ratchet Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Driver Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Nova Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Sum Coupon applicable:

*[Insert formula and other related provisions from Payout Conditions]]*

[Transition Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Option Max Coupon applicable:

*[Insert formula and other related provisions from Payout Conditions]]*

## FORM OF FINAL TERMS FOR CERTIFICATES

[FX Vanilla Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions]]*

[FI Digital Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.] (If FI Digital Coupon is applicable, distinguish in "Rate" below, between the Rate which is FI Rate A and the Rate which is FI Rate B)]*

[FX Digital Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions]]*

[Range Accrual Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[FX Range Accrual Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions]]*

[FX Memory Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions]]*

[Combination Floater Coupon applicable:

*[Insert formula and other related provisions from Payout Conditions]]*

[PRDC Coupon applicable:

*[Insert formula and other related provisions from Payout Conditions]]*

[FI Digital Floor Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[FI Digital Cap Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[FI Target Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Duration Adjusted Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Rate:

*[[●] per cent. [per annum]*



## FORM OF FINAL TERMS FOR CERTIFICATES

*(If more than one fixed rate is to be determined, specify each such rate)]*

[Floating Rate – [Screen Rate Determination/ISDA Determination/IBOR Determination/SONIA Determination/€STR Determination/TONA Determination/Other Determination]]

*(If more than one floating rate is to be determined, repeat sub-paragraphs of (f) and (g), as applicable, for each such rate)]*

[Vanilla Call Rate

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Vanilla Call Spread Rate

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

(d) Fixed Rate Provisions:

[Applicable/Not applicable]

*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*

*(Specify if more than one fixed rate is to be determined)*

(i) Fixed Rate[(s)] of Interest *[specify]* per cent. [per annum].  
 ([including/excluding] on  
 overdue amounts after  
 Redemption Date or date set  
 for early redemption):

(ii) Fixed Coupon Amount[(s)]: *[[specify]* per Certificate [Not applicable]]

(e) Floating Rate Provisions

[Applicable/Not applicable]

*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*

*(Specify if more than one floating rate is to be determined)*

(i) Manner in which Rate of Interest and Interest Amount to be determined: [Screen Rate Determination/ISDA Determination/IBOR Determination/SONIA Determination/€STR Determination/TONA Determination/Other Determination]

(ii) Linear Interpolation: [Not applicable/Applicable – the Rate of Interest for the [long/short] [first/last] Interest Period shall be calculated using linear interpolation (*specify for each short or long interest period*)]

(iii) Screen Rate Determination: [Applicable –  
 [IBOR]/[SONIA]/[SOFR]/[€STR]/[SARON]/[TONA]]/  
 Not applicable]

## FORM OF FINAL TERMS FOR CERTIFICATES

*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*

- (a) [Reference Rate: [EURIBOR/STIBOR/SONIA/SOFR/€STR/SARON/TONA]

*(The Reference Rate must be EURIBOR, STIBOR, SONIA, SOFR, €STR, SARON or TONA)*

- (b) [Interest]/ [Premium Amount] [specify]  
Determination Date(s):

*(Second TARGET2 day prior to the start of each Interest Period if the Reference Rate is EURIBOR or second Stockholm business day prior to the start of each Interest Period if the Reference Rate is STIBOR)*

[[●] London Business Days prior to each Interest Period End Final Date]

*(Include where the Reference Rate is SONIA)*

[[●] U.S. Government Securities Business Days prior to each Interest Period End Final Date]

*(Include where the Reference Rate is SOFR)*

[[●] TARGET2 Business Days prior to each Interest Period End Final Date]

*(Include where the Reference Rate is €STR)*

[[●] Zurich Banking Days prior to each Interest Period End Final Date]

*(Include where the Reference Rate is SARON)*

[[●] Tokyo Banking Days prior to each Interest Period End Final Date]

*(Include where the Reference Rate is TONA)*

- (c) Specified Time: [Include where the Reference Rate is EURIBOR: 11:00 am, Brussels time]/[Include where the Reference Rate is STIBOR: 11:00am, Stockholm time]/[Not applicable]

- (d) Relevant Screen Page: [specify]/[The SOFR Screen Page]/[ECB Website]

*(In the case of EURIBOR, if not Reuters EURIBOR01 ensure it is a page which shows a composite rate or amend the fallback provisions appropriately)*

## FORM OF FINAL TERMS FOR CERTIFICATES

- (e) [Calculation Method: *[Include where the Reference Rate is SONIA: [Compounded Daily]/[Weighted Average]]*
- [Include where the Reference Rate is SOFR: [SOFR Arithmetic Mean]/[SOFR Compound: [SOFR Compound with Lookback]/[SOFR Compound with Observation Period Shift]/[SOFR Index with Observation Shift]]]*
- [Include where the Reference Rate is TONA: [TONA Compound: [TONA Compound with Lookback]/[TONA Compound with Observation Period Shift]*
- (f) [Observation Method: *[Include where the Reference Rate is SONIA: [Lag]/[Lock-out]/[Shift]/[SONIA Index with Observation Shift]]*
- [Include where the Reference Rate is €STR: [Lag]/[Shift]]]*
- (g) [Lookback Period: *[[specify] [London Business Days]/[U.S. Government Securities Business Days]/[TARGET2 Business Days]/[Zurich Banking Days]/[Tokyo Banking Days]]/[As per the Conditions]/[Not applicable]]*
- (Include where the Reference Rate is SONIA, SOFR (where the Calculation Method is SOFR Compound: SOFR Compound with Lookback), €STR, SARON or TONA (where the Calculation Method is TONA Compound with Lookback) and ensure that any Early Redemption Amounts include amounts in respect of accrued interest.)*
- (h) [Observation Shift Days: *[[specify] U.S. Government Securities Business Days]/[As per the Conditions]/[Not applicable]]*
- (Include where the Reference Rate is SOFR and the Calculation Method is SOFR Compound: SOFR with Observation Period Shift or SOFR Index with Observation Shift)*
- [[specify] Relevant Business Days]/[As per the Conditions]/[Not applicable]*
- [Observation Shift Business Centre(s): [specify]]*
- (Include where the Reference Rate is TONA and the Calculation Method is TONA Compound with Observation Period Shift)*
- (i) [SOFR Cut-Off Date: *[As per Conditions]/[[specify] U.S. Government Securities Business Days]/[Not applicable]]*

## FORM OF FINAL TERMS FOR CERTIFICATES

*(Include where the Reference Rate is SOFR. Must apply where the Calculation Method is SOFR Arithmetic Mean)*

- (j) [SOFR Replacement Alternatives Priority: [As per Conditions]/[specify order of priority of SOFR Replacement Alternatives listed in Security Condition 32(d)(iii)(C)IV.]]

- (k) [Rate Cut-off Time: [specify]/[Not applicable]]

*(Include where the Reference Rate is €STR)*

- (l) [ISDA Definitions: [2006 ISDA Definitions]/[2021 ISDA Definitions]]

*(Include where the Reference Rate is either SOFR or €STR)*

- (iv) ISDA Determination: [Applicable/Not applicable]

*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*

- (a) [Floating Rate Option: [specify]]

- (b) Designated Maturity: [specify]

- (c) Reset Date: [specify]]

*(N.B. The fallback provisions applicable to ISDA Determination under the 2006 ISDA Definitions are reliant upon the provision by reference banks of offered quotations for EURIBOR which, depending on market circumstances, may not be available at the relevant time)*

- (v) FBF Determination: [Applicable/Not applicable]

[If applicable:

[specify relevant terms]]

- (f) Linked Interest Certificates: [Applicable – see [Index/Share/ETI/Debt/Commodity/Inflation Index/Currency/Fund/Futures] Linked Interest Certificates below/Not applicable]

- (g) Payment of Premium Amount(s): [Applicable/Not applicable]

*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*

- (i) [Premium Amount(s) [specify]/[Notional Amount x Premium Amount Rate]]

- (ii) Linked Premium Amount Certificates: [Applicable - see [Index/Share/ETI/Debt/Commodity/Inflation Index/Currency/Fund/Futures] Linked Premium Amount Certificates below/Not applicable]

## FORM OF FINAL TERMS FOR CERTIFICATES

- Day Count Fraction: *[specify]/[unadjusted]*
- (iii) Variable Premium Amount Certificates: *[Applicable - see sub-paragraphs [(e)],[f)] above]/[Not applicable]*
- Day Count Fraction: *[specify]/[unadjusted]*
- Linear Interpolation: *[Not applicable]/[Applicable – the Premium Amount Rate for the [long/short] [first/last] Premium Amount Period shall be calculated using linear interpolation (specify for each short or long Premium Amount Period)]*
- (iv) Premium Amount Payment Date(s): *[specify]*
- (v) Business Day Convention for Premium Amount Payment Date(s): *[Following/Modified Following/Preceding/None/Not applicable]*
- (vi) Premium Amount Rate:
- (Include one of the following if applicable):* *[SPS Fixed Coupon applicable:*
- [Insert formula and other related provisions from Payout Conditions]]*
- [SPS Variable Amount Coupon applicable:*
- [Insert formula and other related provisions from Payout Conditions.]]*
- [Digital Coupon applicable:*
- [Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*
- [Snowball Digital Coupon applicable:*
- [Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*
- [Accrual Digital Coupon applicable:*
- [Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*
- [Stellar Coupon applicable:*
- [Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*
- [Cappuccino Coupon applicable:*

## FORM OF FINAL TERMS FOR CERTIFICATES

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Ratchet Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Driver Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Nova Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Sum Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions]]*

[Option Max Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions]]*

[FX Vanilla Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions]]*

[FI Digital Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.] (If FI Digital Coupon is applicable, distinguish in "Rate" below between the Rate which is FI Rate A and the Rate which is FI Rate B)]*

[FX Digital Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions]]*

[Range Accrual Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[FX Range Accrual Coupon applicable:

## FORM OF FINAL TERMS FOR CERTIFICATES

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions]]*

[FX Memory Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions]]*

[Combination Floater Coupon applicable:

*[Insert formula and other related provisions from Payout Conditions]]*

[PRDC Coupon applicable:

*[Insert formula and other related provisions from Payout Conditions]]*

[FI Digital Floor Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[FI Digital Cap Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[FI Target Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Duration Adjusted Coupon applicable:

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Rate:

*[[●] per cent. [per annum]*

*(If more than one fixed rate is to be determined, specify each such rate)]*

*[Floating Rate – [Screen Rate Determination/ISDA Determination/BBF Determination]*

*(If more than one floating rate is to be determined, repeat sub-paragraphs (f) and (g) as applicable, for each such rate)]*

[Vanilla Call Rate

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

## FORM OF FINAL TERMS FOR CERTIFICATES

[Vanilla Call Spread Rate

*[Insert formula, relevant value(s) and other related provisions from Payout Conditions.]]*

[Minimum Premium Amount Rate: *[[specify] per cent. per annum/Not applicable]]*

[Maximum Premium Amount Rate: *[[specify] per cent. per annum/Not applicable]]*

[Margin(s): *[[+/-][specify] per cent. per annum/Not applicable]]*

*(N.B. Margin may only be applicable if the Premium Amount Rate is a Floating Rate – Screen Rate Determination/ISDA Determination/BBF Determination)*

(vii) Premium Amount Record Date(s): *[specify]]*

(h) Index Linked [Interest/Premium Amount] Certificates: *[Applicable/Not applicable]*

(i) Index/Basket of Indices/Index Sponsor(s): *[[Insert type of Index/Indices (e.g. Total Return, Price Return, etc.) and] specify name of Index/Indices]*

*[specify name of Index Sponsor(s)]*

*[The [●] Index is a [Component Security]/[Multi-Exchange] Index]<sup>67</sup>*

*[The [●] Index is a Custom Index*

*[Asset Class Type: [Equity]/[Commodity] Custom Index]]<sup>68</sup>*

*[The [●] Index is a Connected Third Party Index.]<sup>69</sup>*

*[Futures Price Valuation [applies to the [●] Index (see item 42(h)(xvii) below)]/[does not apply to the [●] Index]/[Futures Price Valuation applies to each Index specified in the table in "SPECIFIC PROVISIONS FOR EACH SERIES" above (see item 42(h)(xvii) below)]]*

(ii) Averaging: *Averaging [applies/does not apply]. [The Averaging Dates are [●].]*

*[In the event that an Averaging Date is a Disrupted Day [Omission/Postponement/Modified Postponement] [the provisions of Annex 2] will apply.]*

<sup>67</sup> Specify each Component Security Index and/or Multi-Exchange Index (if any).

<sup>68</sup> Specify each Custom Index (if any).

<sup>69</sup> Specify each Connected Third Party Index (if any).



## FORM OF FINAL TERMS FOR CERTIFICATES

- (iii) [Interest/Premium Amount] [specify]  
Valuation Time:
- (iv) [Interest/Premium Amount] [specify]  
Valuation Date(s):
- (v) Index Correction Period [As per Conditions/specify]
- (vi) Observation Dates: [specify]
- [In the event that an Observation Date is a Disrupted Day  
[Omission/Postponement/Modified Postponement][the  
provisions of Annex 2] will apply.][Observation Day  
Disruption Consequences are not applicable.]
- (vii) Observation Period: [specify]
- (viii) Specified Maximum Days of Disruption: [[As defined in Condition 1]/[specify] [Scheduled Trading Days]]/[Not applicable]<sup>70</sup>
- (ix) Exchange(s): [specify]/[Not applicable]<sup>70</sup>
- (x) Related Exchange(s): [specify]/[All Exchanges]/[Not applicable]<sup>70</sup>
- (xi) Exchange Business Day: [Single Index Basis/All Indices Basis/Per Index Basis]/[Not applicable]<sup>70</sup>
- [Exchange/Related Exchange: Applicable]
- (xii) Scheduled Trading Day: [Single Index Basis/All Indices Basis/Per Index Basis]/[Not applicable]<sup>70</sup>
- [Exchange/Related Exchange: Applicable]
- (must match election made for Exchange Business Day)
- (xiii) Settlement Price: [Official opening level]/[Official closing level]/[level at the Valuation Time]
- (xiv) Weighting: [The weighting to be applied to each item comprising the Basket of Indices to ascertain the Settlement Price is [●]. Each such Weighting shall be subject to adjustment in accordance with Annex 2 [specify other]. (N.B. Only applicable in relation to Securities relating to a Basket of Indices)/Not applicable]
- (xv) Redemption on Occurrence of an Index Adjustment Event: [Delayed Redemption on Occurrence of an Index Adjustment Event: [Applicable/Not applicable]
- [If applicable:

<sup>70</sup>

Specify "Not applicable" in the case of ETS Final Payout 2300 if Futures Price Valuation is specified as applicable.

## FORM OF FINAL TERMS FOR CERTIFICATES

Principal Protected Termination Amount:  
[Applicable/Not applicable]]

[Highest Value: [Applicable/Not applicable]]

[Market Value: [Applicable/Not applicable]]

[Monetisation Option: [Applicable/Not applicable]]

*[If Principal Protected Termination Amount, Highest Value or Monetisation Option are applicable:*

Protected Amount: *[specify]* per cent. of the Notional Amount]

[If the Calculation Agent determines an Index Adjustment Event constitutes a force majeure, Index Security Condition 3.2(c)(vi) applies]

(xvi) Additional provisions applicable to Custom Indices: [Applicable/Not applicable]

*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*

(A) Screen Page: [●]

(B) Strike Date: [●]

(C) Strike Price: The Strike Price will be calculated as per Conditions/[●]  
*[insert calculation method]*

(D) [Custom Index Business Day: [All Custom Indices Basis/Per Custom Index Basis/Single Custom Index Basis]]

*(Delete this sub-paragraph in the case of Equity Custom Index Securities or Commodity Custom Index Securities)*

(E) [Scheduled Custom Index Business Day: [All Custom Indices Basis/Per Custom Index Basis/Single Custom Index Basis]]

*(Delete this sub-paragraph in the case of Equity Custom Index Securities or Commodity Custom Index Securities)*

*(must match election made for Custom Index Business Day)*

(F) Valuation Time: [As per the Conditions]/[●], being the time specified on the Valuation Date or an Averaging Date or an Observation Date, as the case may be, for the calculation of the Settlement Price.] *(N.B. if no time is specified, the Valuation Time will be as per the Conditions)*

## FORM OF FINAL TERMS FOR CERTIFICATES

- (G) [Custom Index Correction Period:] [As per Conditions]/[[●]specify]]  
*(Delete this sub-paragraph in the case of Equity Custom Index Securities or Commodity Custom Index Securities)*
- (H) Redemption on Occurrence of Custom Index Adjustment Event [or Commodity Custom Index Market Disruption Event]: [Delayed Redemption on Occurrence of a Custom Index Adjustment Event [or Commodity Custom Index Market Disruption Event]: [Applicable with a rate of [●] per cent. per annum/Not applicable]]  
 [Highest Value: [Applicable/Not applicable]]  
 [Market Value: [Applicable/Not applicable]]  
 [Monetisation Option: [Applicable/Not applicable]]  
 [If *Highest Value* or *Monetisation Option* are applicable: Protected Amount: [specify] per cent. of the Notional Amount]  
 [If the Calculation Agent determines a Custom Index Adjustment Event [or Commodity Custom Index Market Disruption Event] constitutes a force majeure, Index Security Condition [6.2[(a)/(b)/(c)](ii)(D)VI.]/[6.2(c)(vi)]/[6.2(b)(v)] [and 17.2(b)(iii)(E)] applies]
- (I) Custom Index Disruption Event: [[Specified Maximum Days of Disruption will be equal to: [●]]/[As per Conditions]]  
*(If no Specified Maximum Days of Disruption are stated, Specified Maximum Days of Disruption will be equal to twenty (in the case of a Custom Index), eight (in the case of an Equity Custom Index) or five (in the case of a Commodity Custom Index))*
- (xvii) Additional provisions applicable to Futures Price Valuation: [Applicable/Not applicable]  
*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*
- (A) Rolling Futures Contract Securities: [Yes/No]  
 [Related Hedging: Not applicable]  
 [Dislocation Event: [Applicable]/[Not applicable]]  
 Dislocation Level: [specify]/[As per Conditions]]
- (B) Exchange-traded Contract: [specify]/[If the Index Securities are Rolling Futures Contract Securities: Index Security Condition 9.2 applies]

## FORM OF FINAL TERMS FOR CERTIFICATES

- (C) Delivery or expiry month: *[specify]/[Not applicable]*  
*(Not applicable in the case of Index Securities that are Rolling Futures Contract Securities)*
- (D) Period of Exchange-traded Contracts: *[specify]/[Not applicable]*  
*(Only applicable in case of Index Securities that are Futures Rollover Securities)*
- (E) Futures or Options Exchange: *[specify]*
- (F) Futures Rollover [Date/Period]: *[Not applicable]/[specify]*
- (G) Redemption on Non-Commencement or Discontinuance of an Exchange-traded Contract: *[Delayed Redemption on Non-Commencement or Discontinuance of an Exchange-traded Contract: [Applicable/Not applicable]*  
*[If applicable: Principal Protected Termination Amount: [Applicable/Not applicable]]*  
*[Highest Value: [Applicable/Not applicable]]*  
*[Market Value: [Applicable/Not applicable]]*  
*[Monetisation Option: [Applicable/Not applicable]]*  
*[If Principal Protected Termination Amount, Highest Value or Monetisation Option are applicable: Protected Amount: [specify] per cent. of the Notional Amount]*  
*[If the Calculation Agent determines a Non-Commencement or Discontinuance of an Exchange-traded Contract constitutes a force majeure, Index Security Condition [9.2(vi)] [and] [9.4(vi)] applies]*
- (H) First Traded Price: *[Applicable/Not applicable]*  
*[If First Traded Price is applicable: Relevant Time: [specify]]*
- (I) Relevant Futures or Options Exchange Website: *[specify]/[Not applicable]*
- (J) Relevant FTP Screen Page: *[specify]/[Not applicable]*

## FORM OF FINAL TERMS FOR CERTIFICATES

- (i) Share Linked/ETI Share Linked [Applicable/Not applicable]  
[Interest/Premium Amount]  
Certificates: [Share Securities: [Applicable/Not applicable]]  
  
[ETI Share Securities: [Applicable/Not applicable]]  
  
*(In the case of Hybrid Securities which are Share Securities and ETI Share Securities, repeat subparagraphs (i) to (xv) below for Share Securities and ETI Securities to which the ETI Share Provisions apply, as required)*
- (i) Share(s)/Share Company/Basket [insert type of Share(s) and Share Company/Basket Companies/ETI Interest(s) and ETI(s)]  
Company/GDR/ADR/ETI [ISIN][Screen Page][Exchange Code]  
Interest/Basket of ETI [GDR/ADR applicable]  
Interests: [insert GDR/ADR]<sup>71</sup>  
  
[Stapled Shares applicable]  
  
*[Insert details of Stapled Shares and Stapled Share Constituents]*<sup>72</sup>  
  
[China Connect applicable]<sup>73</sup>
- (ii) Relative Performance Basket: [Not applicable/specify]  
  
*(Always specify as "Not applicable" where ETI Share Securities is specified as applicable)*
- (iii) Averaging: Averaging [applies/does not apply]. [The Averaging Dates are [●].]  
  
[In the event that an Averaging Date is a Disrupted Day [Omission/Postponement/Modified Postponement] will apply.]
- (iv) [Interest/Premium Amount] [specify]  
Valuation Time:
- (v) [Interest/Premium Amount] [specify]  
Valuation Date(s):
- (vi) Observation Dates: [specify]

<sup>71</sup> In the case of Share Linked Interest Certificates relating to a GDR/ADR, complete Share Linked Interest Certificates Final Terms as applicable for GDR/ADR references asset(s).

<sup>72</sup> Specify each Stapled Share Constituent comprising the Stapled Shares. In the case of Share Securities relating to Stapled Shares, complete Share Securities Final Terms as applicable for Stapled Shares reference asset(s).

<sup>73</sup> Not applicable for ETI Share Securities.

## FORM OF FINAL TERMS FOR CERTIFICATES

[In the event that an Observation Date is a Disrupted Day [Omission/Postponement/Modified Postponement] will apply.] [Observation Day Disruption Consequences are not applicable.]

- |         |  |  |
|---------|--|--|
| (vii)   | Observation Period:                    | [specify]  |
| (viii)  | Specified Maximum Days of Disruption:  | [[As defined in Condition 1]/[specify] [Scheduled Trading Days]]   |
| (ix)    | Exchange(s):                           | [specify]  |
| (x)     | Related Exchange(s):                   | [specify]/[All Exchanges]  |
| (xi)    | Exchange Business Day:                 | [Single [Share/ETI Interest] Basis/All [Shares/ETI Interests] Basis/Per [Share/ETI Interest] Basis]  |
| (xii)   | Scheduled Trading Day:                 | [Single [Share/ETI Interest] Basis/All [Shares/ETI Interests] Basis/Per [Share/ETI Interest] Basis]  |
|         |  | <i>(must match election made for Exchange Business Day)</i>  |
| (xiii)  | Settlement Price:                      | [Official closing price]/[Italian Securities Reference Price] <sup>74</sup> /[price at the Valuation Time]   |
| (xiv)   | Weighting:                             | [The weighting to be applied to each item comprising the Basket of [Shares/ETI Interests] to ascertain the Settlement Price is [specify]. Each such Weighting shall be subject to adjustment in accordance with Annex [3]/[4]/[specify other].]/[Not Applicable] <i>(N.B. Only applicable in relation to Securities relating to a Basket of Shares or a Basket of ETI Interests)</i> |
| (xv)    | Share/ETI Interest Correction Period   | [As per Conditions/specify]  |
| (xvi)   | [Dividend Payment:                     | [Applicable/Not applicable]] <sup>75</sup>   |
| (xvii)  | Listing Change:                        | [Applicable/Not applicable]  |
| (xviii) | Listing Suspension:                    | [Applicable/Not applicable]  |
| (xix)   | Illiquidity:                           | [Applicable/Not applicable]  |
| (xx)    | Tender Offer:                          | [Applicable/Not applicable] <sup>76</sup>  |
| (xxi)   | [CSR Event:                            | [Applicable/Not applicable]] <sup>77</sup>   |
| (xxii)  | [China Connect Share Disqualification: | [Applicable/Not applicable]  |

<sup>74</sup> Do not specify "Italian Securities Reference Price" in respect of ETI Securities.

<sup>75</sup> Not applicable in respect of ETI Securities.

<sup>76</sup> Only to be disappplied for Tokyo EQD Securities.

<sup>77</sup> Not applicable in respect of ETI Securities.

## FORM OF FINAL TERMS FOR CERTIFICATES

- (xxiii) China Connect Service Termination: [Applicable/Not applicable]]<sup>78</sup>
- (xxiv) Hedging Liquidity Event: [Applicable/Not applicable]
- [Maximum Hedging Liquidity Level: [[●] per cent.]/[As per Conditions]]
- (xxv) Redemption on Occurrence of an Extraordinary Event: [Delayed Redemption on Occurrence of an Extraordinary Event: [Applicable/Not applicable]
- [If applicable:*
- Principal Protected Termination Amount: [Applicable/Not applicable]]
- [Highest Value: [Applicable/Not applicable]]
- [Market Value: [Applicable/Not applicable]]
- [Monetisation Option: Applicable/Not applicable]]
- [If Principal Protected Termination Amount, Highest Value or Monetisation Option are applicable:*
- Protected Amount: *[specify]* per cent. of the Notional Amount]
- [If the Calculation Agent determines that a Nationalisation or Insolvency constitute a force majeure, [Share Security Condition 4.2(b)(iii) or 4.2(c)(vi)]/[ETI Security Condition 12.2(b)(iii) or 12.2(c)(vi)] applies]
- (j) ETI Linked [Interest/Premium Amount] Certificates: [Applicable/Not applicable]
- [ETI Share Provisions: [Applicable – see item 42(i) (Share Linked/ETI Share Linked [Interest/Premium Amount] Certificates) above]/[Not applicable]]
- [If applicable and sub-paragraphs (i) to (xxxii) are not required for Hybrid Securities, delete sub-paragraphs (i) to (xxxii) and complete item 42(i) (Share Linked/ETI Share Linked [Interest/Premium Amount] Certificates) above.)*
- (i) [ETI/ETI Basket: *[specify]*
- [SC/FM ETI Events: Applicable]
- [ETI Event Force Majeure: Applicable]

<sup>78</sup>

Only applicable if China Connect is applicable.

## FORM OF FINAL TERMS FOR CERTIFICATES

- |         |   |   |
|---------|---|---|
| (ii)    | ETI Interest(s):                              | <i>[Insert type of ETI Interest(s)]</i>   |
| (iii)   | Averaging:                                    | Averaging [applies/does not apply]. [The Averaging Dates are [●].]  |
| (iv)    | Exchange(s):                                  | <i>[specify]</i> /[Not applicable]  |
| (v)     | Related Exchange:                             | <i>[specify]</i> /[All Exchanges]/[Not applicable]  |
| (vi)    | Exchange Business Day:                        | [All ETI Interests Basis/Per ETI Interest Basis/Single ETI Interest Basis]  |
| (vii)   | Scheduled Trading Day:                        | [All ETI Interests Basis/Per ETI Interest Basis/Single ETI Interest Basis]  |
| (viii)  | ETI Related Party:                            | [As per Conditions]/ <i>[specify]</i>   |
| (ix)    | Calculation Date(s):                          | [As per Conditions]/ <i>[specify]</i>   |
| (x)     | Initial Calculation Date:                     | <i>[specify]</i> /[Not applicable]  |
| (xi)    | Final Calculation Date:                       | <i>[specify]</i> /[Not applicable]  |
| (xii)   | Hedging Date:                                 | <i>[specify]</i>  |
| (xiii)  | Investment/AUM Level:                         | [As per Conditions] <i>[specify]</i>  |
| (xiv)   | Value per ETI Interest Trading Price Barrier: | [As per Conditions]/ <i>[specify]</i>   |
| (xv)    | Number of Value Publication Days:             | [[●] calendar days]/[[●] Value Business Days]<br><br>[Value Business Day Centre(s): <i>[specify]</i> ]<br><br><i>(N.B. Only applicable if Number of Value Publication Days is calculated by reference to Value Business Days)</i> |
| (xvi)   | Value Trigger Percentage:                     | [As per Conditions]/ <i>[specify]</i>   |
| (xvii)  | Value Trigger Period:                         | [As per Conditions]/ <i>[specify]</i>   |
| (xviii) | Basket Trigger Level:                         | [As per Conditions]/ <i>[specify]</i>   |
| (xix)   | Settlement Price/Closing Price:               | [Official closing price]/[Value per ETI Interest]   |
| (xx)    | Valuation Time:                               | <i>[specify]</i>  |
| (xxi)   | Specified Maximum Days of Disruption:         | [As per Conditions]/ <i>[specify]</i>   |
| (xxii)  | [Interest/ Premium Amount] Valuation Time:    | <i>[specify]</i>  |



## FORM OF FINAL TERMS FOR CERTIFICATES

- (xxiii) [Interest/ Premium Amount] [specify]  
Valuation Date:
- (xxiv) Maximum Stock Loan Rate: [The Maximum Stock Loan Rate in respect of [specify in relation to each relevant ETI Interest] is [●].]
- (xxv) ETI Interest Correction Period: [As per Conditions]/[specify]
- (xxvi) Termination Amount: [Principal Protected Termination Amount]/[Non-Principal Protected Termination Amount]/[specify]/[Market Value]/[Highest Value]/[Monetisation Option]
- (xxvii) Simple Interest Spread: [As per Conditions]/[specify]
- (xxviii) Termination Date: [specify]
- (xxix) Weighting: [The Weighting to be applied to each ETI Interest comprising the ETI Basket is [specify]]/[Not applicable]
- (xxx) ETI Documents: [As per Conditions]/[specify]
- (xxxi) [Protected Amount: [If Highest Value, Monetisation Option or Delayed Redemption on Occurrence of an Extraordinary ETI Event and Principal Protected Termination Amount are applicable: [specify] per cent. of the Notional Amount]
- (xxxii) Delayed Redemption on Occurrence of an Extraordinary ETI Event: [Applicable/Not applicable]
- (k) Debt Linked [Interest/Premium Amount] Certificates: [Applicable/Not applicable]
- (i) Debt Instrument(s): [specify]/[Not applicable – Synthetic Debt Instrument applies – see item 42(k)(xvi) below] (*Not applicable if Futures Price Valuation applicable*)
- (ii) Averaging: Averaging [applies/does not apply]. [The Averaging Dates are [●].]  
  
[In the event that an Averaging Date is a Disrupted Day [Omission/Postponement/Modified Postponement] will apply.]
- (iii) [Interest/Premium Amount] [specify]  
Valuation Time:
- (iv) [Interest/Premium Amount] [specify]  
Valuation Date:
- (v) Observation Dates: [specify]

## FORM OF FINAL TERMS FOR CERTIFICATES

[In the event that an Observation Date is a Disrupted Day [Omission/Postponement/Modified Postponement] will apply.] [Observation Day Disruption Consequences are not applicable.]

- (vi) Observation Period: *[specify]*
- (vii) Specified Maximum Days of Disruption: [As defined in Condition 1/*[specify]* Scheduled Trading Days] [Not applicable] (*Not applicable if Futures Price Valuation applicable*)
- (viii) Exchange Business Day Centre(s): *[specify]*
- (ix) Nominal Amount: [The relevant nominal amount is [●] and the Relevant Screen Page is [●].][Not applicable]  
  
(*Not applicable if Futures Price Valuation applicable*)
- (x) Settlement Price: [As per Debt Security Condition 1] / [*If Futures Price Valuation is "Applicable":* As per Debt Security Condition 6.]
- (xi) Reference Price: [The Reference Price[s] for *[insert relevant Debt Instrument(s)]* is/are the [bid price]/[mid price]/[offer price]/[bid yield]/[mid yield]/[offer yield].] [Not applicable]  
  
(*Not applicable if Futures Price Valuation applicable*)
- (xii) Delayed Redemption on Occurrence of Debt Instrument Redemption Event: [Applicable/Not applicable]  
  
*If applicable:*  
  
Principal Protected Termination Amount: [Applicable/Not applicable]  
  
*[If Principal Protected Termination Amount is applicable:*  
  
Protected Amount: *[specify]* per cent. of the Notional Amount  
  
(*Not applicable if Futures Price Valuation applicable*)
- (xiii) Debt Instrument Correction Period: [As per the Conditions]/*[specify]*/[Not applicable]  
  
(*Not applicable if Futures Price Valuation applicable*)
- (xiv) Debt Instrument Issuer: *[specify]*/[Not applicable]  
  
(*Not applicable if Futures Price Valuation applicable*)

## FORM OF FINAL TERMS FOR CERTIFICATES

- (xv) Weighting: [Not applicable/The weighting to be applied to each item comprising the Basket of Debt Instruments to ascertain the Settlement Price is [●]. Each such Weighting shall be subject to adjustment.]
- (xvi) Additional provisions applicable to Futures Price Valuation: [Applicable]/[Not applicable]  
*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*
- (A) Rolling Futures Contract Securities: [Yes/No]  
 [Dislocation Event: [Applicable]/[Not applicable]  
 Dislocation Level: [specify]/[As per Conditions]]
- (B) Exchange-traded Contract(s): [Specify][If the Debt Securities are Rolling Futures Contract Securities: Debt Security Condition 7 applies]
- (C) Synthetic Debt Instrument(s): [Specify][If the Exchange-traded Contract relates to a Synthetic Debt Instrument, include description of the key terms of the synthetic debt instrument]/[Not applicable]
- (D) Delivery or expiry month: [Specify]/[Not applicable]  
*(Not applicable in the case of Debt Securities that are Rolling Futures Contract Securities)*
- (E) Period of Exchange-traded Contracts(s): [Specify]/[Not applicable]  
*(Only applicable in the case of Debt Securities that are Rolling Futures Contract Securities)*
- (F) Futures or Options Exchange: [Specify]
- (G) Futures Rollover [Date/Period]: [Not applicable]/[Specify]
- (H) Delayed Redemption on Non-Commencement or Discontinuance of an Exchange-traded Contract [Applicable/Not applicable]  
*[If applicable:*  
 Principal Protected Termination Amount: [Applicable/Not applicable]  
*[If Principal Protected Termination Amount is applicable: Protected Amount: [specify] per cent. of the Notional Amount]*
- (I) Daily Settlement Price Correction Period: [As per the Conditions][Specify]

## FORM OF FINAL TERMS FOR CERTIFICATES

- (l) Commodity Linked [Interest/Premium Amount] Certificates: [Applicable/Not applicable]
- (i) Commodity/Commodities/Commodity Index/Commodity Indices: [specify Commodity/Commodities/Commodity Index/Commodity Indices]
- [The Sponsor[s] of the Commodity Index/Indices is [●]]
- [Insert in the case of Commodities that are EU Allowances: The [Commodity]/[specify Commodities] [is an]/[are] EU Allowance[s]
- [Relevant Registry: [specify]]]
- (ii) [Interest/Premium Amount] Pricing Date(s): [specify]
- (iii) Initial [Interest/Premium Amount] Pricing Date: [specify]
- (iv) Final [Interest/Premium Amount] Pricing Date: [specify]
- (v) Commodity Reference Price: [specify]
- The Price Source is/are [●]<sup>79</sup>
- (vi) Delivery Date: [specify]/[Not applicable]
- (vii) Nearby Month: [specify]/[Not applicable]
- (viii) Specified Price: [specify]/[Not applicable]
- (ix) Exchange: [specify]/[Not applicable]
- (x) Disruption Fallback(s): [As per Conditions]/[specify]
- (xi) [Interest/Premium Amount] Valuation Time: [specify]
- (xii) Specified Maximum Days of Disruption: [As defined in Condition 1]/[specify]<sup>80</sup>
- (xiii) Weighting: [The Weighting to be applied to each item comprising the Commodity Basket is [specify]]/[Not applicable]
- (xiv) Rolling Futures Contract Securities: [Yes/No]
- (If not applicable, delete the remaining sub-paragraphs of this paragraph)*

<sup>79</sup>

Delete if using automated Commodity Reference Prices

<sup>80</sup>

Only applicable in respect of Commodity Securities linked to a single Commodity.

## FORM OF FINAL TERMS FOR CERTIFICATES

			[Dislocation Event: [Applicable]/[Not applicable]]
			Dislocation Level: [specify]/[As per Conditions]]
	Futures Rollover [Date/Period]:		[Not applicable]/[specify]
(xv)	Redemption following Market Disruption Event or Commodity Index Adjustment Event:		<p>[Commodity Security Condition 3(c)(i) or 4(b)(b)(i) applies]/[Highest Value]/[Market Value]/[Monetisation Option]</p> <p>[If the Calculation Agent determines a Market Disruption Event or Commodity Index Adjustment Event constitutes a force majeure, Commodity Security Condition 3(c)(v) or 4(b)(b)(v), respectively, applies]</p> <p><i>[If Highest Value or Monetisation Options are applicable:</i> Protected Amount: [specify] per cent. of the Notional Amount]</p>
(m)	Inflation Index Linked [Interest/Premium Certificates:	Amount]	<p>[Applicable/Not applicable]</p> <p><i>(If more than one Inflation Rate is to be determined, repeat items (i) to (ix) for each such Inflation Rate and, if FI Digital Coupon is applicable, distinguish between the Inflation Rate which is FI Rate A and the Inflation Rate which is FI Rate B)</i></p>
(i)	Inflation Index/Sponsor:		<p>[specify name of inflation index/indices]</p> <p>[specify name of inflation index sponsor(s)]</p>
(ii)	Formula:		[specify]
(iii)	Related Bond:		[Applicable/Not applicable] [if applicable, specify]
(iv)	Issuer of Related Bond:		[Applicable/Not applicable]
(v)	Fallback Bond:		[Applicable/Not applicable]
(vi)	Related Bond Redemption Event:		[Applicable/Not applicable] [if applicable, specify]
(vii)	Substitute Inflation Index Level:		[As determined in accordance with Annex 7] [specify]
(viii)	Cut-off Date:		In respect of a [Valuation Date], the day that is [specify] Business Days prior to such [Valuation Date].
(ix)	[Interest/Premium Valuation Date:	Amount]	[specify]
(x)	Valuation Time:		[specify]

## FORM OF FINAL TERMS FOR CERTIFICATES

- (xi) Reference Month: [specify]
- (xii) Currency Adjustment: [Applicable/Not applicable]
- (xiii) Inflation Index Level Adjustment: [Applicable/Not applicable]
- (xiv) Index Cancellation: [Inflation Index Security Condition 4.7(b)(i) applies]/[Highest Value]/[Market Value]/[Monetisation Option]
- [If the Calculation Agent determines an Index Cancellation constitutes a force majeure, Inflation Index Condition 4.7(b)(v) applies]
- [If Highest Value or Monetisation Option are applicable: Protected Amount: [specify] per cent. of the Notional Amount]*
- (n) Currency Linked [Interest/Premium Amount] Certificates: [Applicable/Not applicable]
- (If the Certificates are Dual Currency Certificates where the Settlement Currency of the Interest Amount is dependent on whether the Dual Currency Condition has been satisfied, specify "Applicable" and complete relevant prompts below.)*
- (i) The relevant base currency (the "**Base Currency**") is: [specify]
- (ii) The relevant subject [currency/currencies] ([the]/[each a] "**Subject Currency**") [is/are]: [specify]
- (iii) Weighting: [specify]/[Not applicable]
- (iv) Price Source: [specify]/[Insert in the case of Dual Currency Certificates: Not applicable]
- (v) Specified Maximum Days of Disruption: [specify]/[five] Scheduled Trading Days
- (vi) Averaging Date(s): [specify]/[Not applicable]
- [Currency Convention: [As per Conditions]/[Preceding Currency Convention]/[Modified Following Currency Convention]]
- (vii) Observation Date(s): [specify]/[Not applicable]

## FORM OF FINAL TERMS FOR CERTIFICATES

- [Currency Convention: [As per Conditions]/[Preceding Currency Convention]/[Modified Following Currency Convention]]
- (viii) Strike Date: [specify]/[Not applicable]
- [Currency Convention: [As per Conditions]/[Preceding Currency Convention]/[Modified Following Currency Convention]]
- (ix) Relevant Screen Page: [specify]
- (x) Valuation Time: [specify] (NB: if Dual Currency Certificates are specified as applicable, a Valuation Time must be specified.)
- (xi) [Interest/Premium Amount] Valuation Date: [specify]/[Not applicable]
- [Currency Convention: [As per Conditions]/[Preceding Currency Convention]/[Modified Following Currency Convention]]
- (xii) Redemption on Occurrence of a Disruption Event: [Illiquidity Disruption: Not applicable]
- [Disruption Event Postponement: Not applicable]
- [Delayed Redemption on Occurrence of a Disruption Event: [Applicable/Not applicable]]
- [If applicable: Principal Protected Termination Amount: [Applicable/Not applicable]
- [Highest Value: [Applicable/Not applicable]]
- [Market Value: [Applicable/Not applicable]]
- [Monetisation Option: [Applicable/Not applicable]]
- [If Principal Protected Termination Amount, Highest Value or Monetisation Option are applicable:
- Protected Amount: [specify] per cent. of the Notional Amount]
- [If the Calculation Agent determines that a Disruption Event constitutes a force majeure, Currency Security Condition 3(b)(vi) applies]
- [Insert in the case of Dual Currency Certificates: Not applicable]
- (xiii) Additional provisions applicable to Futures Price Valuation: [Applicable/Not applicable]
- (If not applicable, delete the remaining sub-paragraphs of this paragraph)

## FORM OF FINAL TERMS FOR CERTIFICATES

- (A) Rolling Futures Contract Securities: [Yes/No]
- (B) Exchange-traded Contract: [Specify]/[If the Currency Securities are Rolling Futures Contract Securities: Currency Security Condition 6 applies]
- (C) Currency Pair: [specify]
- (D) ISIN: [specify]
- (E) Expiry month: [specify]/[Not applicable]  
  
*(Not applicable in the case of Currency Securities that are Rolling Futures Contract Securities)*
- (F) Period of Exchange-traded Contract: [specify]/[Not applicable]  
  
*(Only applicable in the case of Currency Securities that are Rolling Futures Contract Securities)*
- (G) Futures or Options Exchange: [specify]
- (H) Futures Rollover [Date/Period]: [Not applicable]/[specify]  
  
*(Not applicable in the case of Currency Securities that are not Rolling Futures Contract Securities)*
- (I) Delayed Redemption on Non-Commencement or Discontinuance of an Exchange-traded Contract: [Applicable/Not applicable]  
  
[If applicable:  
Principal Protected Termination Amount: [Applicable/Not applicable]  
  
*If Principal Protected Termination Amount is applicable:*  
  
Protected Amount: [specify] per cent. of the Notional Amount]
- (J) Daily Settlement Price Correction Period: [As per the Conditions]/[specify]
- (xiv) [Dual Currency Certificates: [Applicable/Not applicable]  
  
*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*  
  
[Dual Currency Condition [1]/[2 [(Alternative)]]: [Less than]/[Less than or equal to]/[Greater than]/[Greater than or equal to]]



## FORM OF FINAL TERMS FOR CERTIFICATES

[Dual Currency Determination Date(s): *[specify]*/[each Valuation Date]]

[Strike Rate: *[[specify set exchange rate]*, expressed as the number of units (or part units) of the Subject Currency for which one unit of the Base Currency can be exchanged]]

(o) Fund Linked [Interest/Premium Amount] Certificates: [Applicable/Not applicable]

(i) Fund/Fund Basket/Fund *[specify Fund/Fund Basket/Fund Index/Fund Indices/Euro Fund]*  
Index/Fund Indices/Euro Fund:  
Fund:

[The Fund Index Sponsor[s] of the Fund [Index/Indices] [is/are] [●]]

[Fund Index Currency: *[specify]*]

[The [●] Fund is a Mutual Fund]

[The [●] Fund is a Hedge Fund]

[The [●] Fund is a Private Equity Fund]

[[The [●] Fund is a Euro Fund]

[The Insurance Company is *[specify]*]

Provisional Minimum Rate: *[specify website]*

Gross Rate of Return: *[specify website]*

[Floor Rate of Return: Applicable – the Floor Rate of Return is *[specify]*]

Euro Fund Business Day Centre: *[specify]*/[Paris]]

*(If the Euro Fund Provisions are applicable delete items 42(o)(ii) to (x) and 42(o)(xii) to (xxiv) below and complete items 42(o)(xi) and 42(o)(xxv))*

[SC/FM Fund Events: Applicable]

(ii) Fund Share(s): *[specify]*

(iii) Fund Documents: [As per Conditions]*[specify]*

(iv) Fund Business Day: [All Fund share Basis] [Per Fund share Basis][Single Fund share Basis]

(v) Maximum Days of Disruption: [As per Conditions] *[specify]*

## FORM OF FINAL TERMS FOR CERTIFICATES

- (vi) Fund Service Provider: [As per Conditions]/[specify]
- (vii) [Interest/Premium Amount] [specify]  
Valuation Date:
- (viii) Calculation Date(s): [As per Conditions]/[specify]
- (ix) Initial Calculation Date: [As per Conditions]/[specify]
- (x) Final Calculation Date: [specify]
- (xi) Hedging Date: [specify]
- (xii) AUM Level: [As per Conditions]/[specify]
- (xiii) NAV Trigger Percentage: [As per Conditions]/[specify]
- (xiv) NAV Trigger Period: [specify]
- (xv) Number of NAV Publication Days: [As per Conditions]/[specify]
- (xvi) Basket Trigger Level: [As per Conditions]/[specify]
- (xvii) Termination Amount: [Principal Protected Termination Amount]/[Non-Principal Protected Termination Amount]/[specify]/[Market Value]/[Highest Value]/[Monetisation Option]  
  
[Fund Event Force Majeure: Applicable]
- (xviii) Simple Interest Spread: [As per Conditions]/[specify]
- (xix) Termination Date: [specify]
- (xx) Weighting: [The Weighting to be applied to each Fund Share comprising the Fund/Fund Basket is [specify]]/[Not applicable]
- (xxi) Delayed Redemption on Occurrence of an Extraordinary Fund Event: [Applicable/Not applicable]
- (xxii) Delayed Payment Cut-off Date: [As per Conditions]/[specify]
- (xxiii) [Protected Amount: *[If Highest Value, Monetisation Option or Delayed Redemption on Occurrence of an Extraordinary Fund Event and Principal Protected Termination Amount are applicable: [specify] per cent. of the Notional Amount]*]

## FORM OF FINAL TERMS FOR CERTIFICATES

- (xxiv) Redemption on Occurrence of a Fund Index Adjustment Event: [Delayed Redemption on Occurrence of a Fund Index Adjustment Event: [Applicable/Not applicable]]
- [If applicable: Principal Protected Termination Amount: [Applicable/Not applicable]]
- [Highest Value: [Applicable/Not applicable]]
- [Market Value: [Applicable/Not applicable]]
- [Monetisation Option: [Applicable/Not applicable]]
- [If Principal Protected Termination Amount, Highest Value or Monetisation Option are applicable: Protected Amount: [specify] per cent. of the Notional Amount]*
- [If the Calculation Agent determines a Fund Index Adjustment Event constitutes a force majeure, Fund Security Condition 6(iv)(F) applies]]
- (xxv) [Redemption on Occurrence of an Extraordinary Euro Fund Event: [Delayed Redemption on Occurrence of an Extraordinary Euro Fund Event: [Applicable/Not applicable]]
- [If applicable: Principal Protected Termination Amount: [Applicable/Not applicable]]
- [If Delayed Redemption on Occurrence of an Extraordinary Euro Fund Event and Principal Protected Termination Amount are applicable: Protected Amount: [specify] per cent. of the Notional Amount]]*
- (p) Futures Linked [Interest/Premium Amount] Certificates: [Applicable/Not applicable]
- (i) Futures: *[insert type of Futures]*
- (ii) Averaging: Averaging [applies/does not apply]. [The Averaging Dates are [●].]
- [In the event that an Averaging Date is a Disrupted Day [Omission/Postponement/Modified Postponement] will apply.]
- (iii) [Interest/Premium Amount] Valuation Time: *[specify]*
- (iv) Valuation Date: *[specify]*
- (v) Observation Dates: *[specify]*
- [In the event that an Observation Date is a Disruption Day [Omission/Postponement/Modified Postponement] will

## FORM OF FINAL TERMS FOR CERTIFICATES

apply.] [Observation Day Disruption Consequences are not applicable.]

- |        |   |   |
|--------|---|---|
| (vi)   | Observation Period:                                     | [ <i>specify</i> ]  |
| (vii)  | Specified Maximum Days of Disruption:                   | [As defined in Condition 1]/[ <i>specify</i> ] [Scheduled Trading Days]   |
| (viii) | Exchange(s):  | [ <i>specify</i> ]  |
| (ix)   | Exchange Business Day:                                  | [Single Future Basis/All Futures Basis/Per Futures Basis]   |
| (x)    | Scheduled Trading Day:                                  | [Single Future Basis/All Futures Basis/Per Futures Basis]<br><br><i>(must match election made for Exchange Business Day)</i>  |
| (xi)   | Weighting:  | [The weighting to be applied to each item comprising the Basket to ascertain the Settlement Price is [ <i>specify</i> ]. Each such Weighting shall be subject to adjustment [in accordance with Annex 10/[ <i>specify other</i> ].]/[Not applicable] ( <i>N.B. Only applicable in relation to Securities relating to a Basket</i> )   |
| (xii)  | Redemption on Occurrence of a Futures Adjustment Event: | [Delayed Redemption on Occurrence of Futures Adjustment Event: [Applicable/Not applicable]<br><br><i>[If applicable:</i><br><br>Principal Protected Termination Amount: [Applicable/Not applicable]]<br><br>[Highest Value: [Applicable/Not applicable]]<br><br>[Market Value: [Applicable/Not applicable]]<br><br>[Monetisation Option: [Applicable/Not applicable]]<br><br><i>[If Principal Protected Termination Amount, Highest Value or Monetisation Option are applicable:</i><br><br>Protected Amount: [ <i>specify</i> ] per cent. of the Notional Amount]<br><br>[If the Calculation Agent determines a Futures Adjustment Event constitutes a force majeure, Futures Security Condition 3.1(b)(vi) applies] |
| (q)    | Underlying Interest Rate Linked Interest Provisions     | [Applicable/Not applicable]   |

*(If not applicable, delete the remaining sub-paragraphs of this paragraph.)*

## FORM OF FINAL TERMS FOR CERTIFICATES

*(if applicable, identify each Underlying Interest Rate<sub>(i)</sub> which is a Multiple Underlying Component Rate)*

- (i) Underlying Interest [specify]  
Determination Date(s):

*(If more than one [Underlying Interest Rate] is to be determined, include the following language: "Underlying Interest Rate<sub>1</sub>:")*

- (ii) Manner in which the [Screen Rate Determination/ISDA Determination]  
Underlying Interest Rate is to  
be determined:

- (A) [Screen Rate [Applicable]/[Not applicable]  
Determination:

*(if not applicable, delete the remaining sub-paragraphs of this paragraph)*

- (a) Underlying [specify] *(Either EURIBOR or other)*  
Reference  
Rate:

- (b) Specified [specify]  
Time:

*(which will be 11:00 am, Brussels time, in the case of EURIBOR)*

- (c) Relevant [specify]  
Screen  
Page:

- (B) ISDA Determination [Applicable]/[Not applicable]

*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*

- (a) [Floating [specify]  
Rate  
Option:

- (b) Designated [specify]  
Maturity:

- (c) Reset Date: [specify]

*(N.B. The fallback provisions applicable to ISDA Determination under the 2006 ISDA Definitions are reliant upon the provision by reference banks of offered quotations for EURIBOR which, depending on market circumstances, may not be available at the relevant time)*

## FORM OF FINAL TERMS FOR CERTIFICATES

- (iii) Underlying Margin(s):  $[+/-][\bullet]$  per cent. per annum
- (iv) Minimum Underlying Reference Rate:  $[\bullet]$  per cent. per annum
- (v) Maximum Underlying Reference Rate:  $[\bullet]$  per cent. per annum
- (If more than one [Underlying Interest Rate] is to be determined, include the following language: "Underlying Interest Rate<sub>2</sub>:" and repeat items (ii) to (v).)*
- Repeat for each Underlying Interest Rate.)*
- (r) [Instalment Certificates: The Certificates [are/are not] Instalment Certificates.
- [The Instalment Certificates are [Instalment Certificates (with NA Adjustment)]/[Instalment Certificates (with Original NA)]]
- (i) Instalment Amount(s) *[specify]*
- [[NA/ONA] x Instalment Percentage
- Instalment Percentage:  $[\bullet]$  per cent.] *(specify Instalment Percentage in respect of each Instalment Date, if different.)*
- (ii) Instalment Date(s): *[specify]*
- (s) [Issuer Call Option:] [Applicable/Not applicable]
- (If not applicable, delete the remaining sub-paragraphs of this paragraph)*
- (i) Optional Redemption Date(s): *[specify]*
- [The day falling [five] Business Days following the Optional Redemption Valuation Date]
- (Insert if Call Payout 1300/1, Call Payout 2200/1 or Call Payout 2210 is applicable)*
- (ii) Optional Redemption Valuation Date(s): *[specify]*
- [The date designated as the Optional Redemption Valuation Date by the Issuer in the notice of redemption, being the day falling [15] Business Days after the notice referred to in Condition 34.3(a) has been delivered to the Holders in accordance with Condition 10
- (Insert if Call Payout 1300/1, Call Payout 2200/1 or Call Payout 2210 is applicable)]*

## FORM OF FINAL TERMS FOR CERTIFICATES

- |       |  |                             |  |
|-------|--|-----------------------------|--|
| (iii) | Optional Redemption Amount(s):         | [NA x [●] per cent.]        | <p>[Call Payout 1300/1]</p> <p>[Call Payout 2200/1]</p> <p>[Call Payout 2210]</p> <p>[Call Payout 2300]</p> <p>[SPS Call Payout]</p> <p><i>[Insert formula, relevant value(s) and related provisions from Payout Conditions]]</i></p> <p>[AMC Value – see item 51(d) below]</p>  |
| (iv)  | Minimum Notice Period:                 | [specify]                   |  |
| (v)   | Maximum Notice Period:                 | [specify]                   |  |
| (t)   | [Holder Put Option:]                   | [Applicable/Not applicable] | <p><i>(N.B. If not applicable, delete the remaining sub-paragraphs of this paragraph)</i></p> <p><i>(N.B. For Preference Share Certificates, Holder Put Option should be "Not applicable")</i></p> <p><i>(N.B. Where ETS Final Payout 2300 and Maturity Extension and/or Reverse Split are specified as applicable, Holder Put Option must be specified as "Applicable")</i></p>   |
| (i)   | Optional Redemption Date(s):           | [specify]                   | <p><i>[Insert if Put Payout 1300/1, Maturity Extension and/or Reverse Split is applicable: The day falling [ten]/[specify] Business Days after the relevant Optional Redemption Valuation Date]</i></p>  |
| (ii)  | Optional Redemption Valuation Date(s): | [specify]                   | <p><i>[Insert if Put Payout 1300/1 is applicable: The first Put Payout 1300/1 Valuation Date falling on or after the last day of the Notice Period in which notice of redemption is validly given in accordance with Condition 34.4.</i></p> <p><b>"Put Payout 1300/1 Valuation Date"</b> means the [specify] day of [each month]/[each [specify month] in each year commencing [on [●]/the [calendar month]/[calendar year] after the Issue Date] or, if that is not a CV</p> |

## FORM OF FINAL TERMS FOR CERTIFICATES

Calculation Day, the immediately [preceding/succeeding]  
CV Calculation Day]

*[Insert if "Maturity Extension" and/or "Reverse Split" is applicable: [The date specified as such in the [Maturity Extension Notice] [or] [Reverse Split Notice], validly given in accordance with Condition [34.14] [or] [34.15].]/[The date falling [●] Business Days prior to the [Postponed Redemption Date] [or] [Reverse Split Effective Date] specified in the [Maturity Extension Notice] [or] [Reverse Split Notice], validly given in accordance with Condition [34.14] [or] [34.15].]*

- |       |   |            |  |
|-------|---|------------|--|
| (iii) | Optional<br>Amount(s):                      | Redemption | <p>[NA x [●] per cent.]</p> <p>[Put Payout 1300/1]</p> <p>[Put Payout 2200/1]</p> <p>[Put Payout 2210]</p> <p>[Put Payout 2300]</p> <p>[SPS Put Payout</p> <p><i>[Insert formula, relevant value(s) and related provisions from Payout Conditions]]</i></p> <p>[AMC Value – see item 51(d) below</p>   |
| (iv)  | Minimum Notice Period:                      |            | <i>[specify] (Repeat as necessary if different in respect of a Maturity Extension or Reverse Split)</i>  |
| (v)   | Maximum Notice Period:                      |            | <i>[specify] (Repeat as necessary if different in respect of a Maturity Extension or Reverse Split)</i>  |
| (u)   | [Automatic Early Redemption <sup>81</sup> : |            | [Applicable/Not applicable]  |
| (i)   | Automatic Early Redemption<br>Event:        |            | <p>[Target Automatic Early Redemption] [FI Underlying Automatic Early Redemption] [FI Coupon Automatic Early Redemption] [[Single] Standard Automatic Early Redemption [– Automatic Early Redemption Event 1]: "greater than"/"greater than or equal to"/"less than"/"less than or equal to"] [Standard Automatic Early Redemption – Automatic Early Redemption Event 2 Applicable: "greater than"/"greater than or equal to"/"less than"/"less than or equal to"] [SPS Target Automatic Early Redemption]</p> |

<sup>81</sup>

Only applicable in relation to Index Securities, Share Securities, ETI Securities, Commodity Securities, Currency Securities, Futures Securities and, in the case of FI Underlying Automatic Early Redemption, Currency Securities and Underlying Interest Rate Securities. In respect of OET Certificates, refer to § 37(h) above.



## FORM OF FINAL TERMS FOR CERTIFICATES

[Automatic Early Redemption Event 1 [and]/[or]  
[Automatic Early Redemption Event 2]]

[As per Condition 34.11

*[insert related provisions from Conditions.]]*

[AER Knock-out:[Knock-out Event]/  
[Knock-in Event]

*[Insert formula, relevant value(s) and other related provisions from Conditions.]]*

[The AMC Value in respect of any Automatic Early Redemption Valuation Date is [greater than]/[greater than or equal to]/[less than]/[less than or equal to] the Automatic Early Redemption Level]

*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*

(ii) Automatic Early Redemption Payout:

[Automatic Early Redemption Payout 2200/1]

[Automatic Early Redemption Payout 2200/2]

[Automatic Early Redemption Payout 2210/1]

[Automatic Early Redemption Payout 2210/2]

[Automatic Early Redemption Payout [1230/1] / [1230/2]  
/ [1240/1] / [1240/2] / [1240/3] / [1250/2] / [1250/3] /  
[1250/5] / [1260/1] / [1260/2] / [1320/2] / [1340/1] /  
[1340/2]]

[Automatic Early Redemption Payout 2230]

*[Insert related provisions from Conditions]*

[SPS Automatic Early Redemption Payout:

*[Insert formula, relevant value(s) and related provisions from Payout Conditions]]*

[SPS Target Automatic Early Redemption Payout:

*[Insert formula, relevant value(s) and related provisions from Payout Conditions]]*

[SPS Transition Automatic Early Redemption Payout:

*[Insert formula, relevant value(s) and related provisions from Payout Condition]]*

[SPS Accumulator AER Payout:

## FORM OF FINAL TERMS FOR CERTIFICATES

*[Insert formula, relevant value(s) and related provisions from Payout Conditions]]*

[Target Automatic Early Redemption:

*[Insert relevant provisions from Conditions]]*

[FI Underlying Automatic Early Redemption:

*[Insert relevant provisions from Conditions]]*

Accrual to Automatic Early Redemption:  
[Applicable/Not applicable]

*[Insert relevant provisions from Conditions]*

[FI Coupon Automatic Early Redemption:

*[Insert relevant provisions from Conditions]]*

[AMC Value – see item 51(d) below]

- |        |   |  |
|--------|---|--|
| (iii)  | Automatic Early Redemption Date(s):       | <i>[specify]</i>   |
| (iv)   | Observation Price Source:                 | <i>[specify]</i> /[Not applicable]   |
| (v)    | [Observation Time:                        | [At any time during the opening hours of the Exchange]/ <i>[specify]</i>   |
| (vi)   | Observation Price:                        | [Official level]/[Opening price]/[Official close]/[Closing price]/[Purchase price]/[Sale price]/[Traded price]/[Bid price]/[Asked price]/[Last price]/[Official settlement price]/[Daily settlement price]/[Not applicable]  |
| (vii)  | Capitalised Exercise Price Rounding Rule: | [[upwards/downwards] [●] digits]/ <i>[specify]</i><br><br><i>(Include (v) to (vii) if Automatic Early Redemption Payout 2210/1 applies)</i>  |
| (viii) | Underlying Reference Level [1]:           | [Official level]/[Official close]/[Last Price]/[Bid price]/[Asked price]/[Standard Price]/[Not applicable]<br><br>SPS AER Valuation: [Applicable/Not applicable]<br><br><i>[If applicable insert formula, relevant value(s) and related provisions from Payout Conditions]</i> |
| (ix)   | [Underlying Reference Level 2:            | [Standard Price][Last Price]/[Not applicable]  |
| (x)    | [SPS AER Valuation:                       | [Not applicable]/[Applicable]:<br><br>[SPS AER Value [1]:  |

## FORM OF FINAL TERMS FOR CERTIFICATES

*[insert relevant value(s) and related provisions from Payout Conditions]*

[SPS AER Value 2:

*[insert relevant value(s) and related provisions from Payout Conditions]]]*

- |         |  |   |
|---------|--|---|
| (xi)    | [(A)] Automatic Early Redemption Level [1]:<br><br>[(B)] Automatic Early Redemption Level 2: | [specify]/[Not applicable]<br><br>[specify]]  |
| (xii)   | Automatic Early Redemption Percentage:   | [[●] per cent.]/[Not applicable]  |
| (xiii)  | AER Exit Rate:   | [Not applicable]<br><br>[AER Rate]<br><br><i>[Insert relevant provisions from Conditions]</i><br><br>[AER Athena up Rate]<br><br><i>[Insert formula, relevant value(s) and related provisions from Payout Conditions]</i><br><br>[AER CSN Rate]<br><br><i>[Insert relevant provisions from Conditions]</i>  |
| (xiv)   | Automatic Early Redemption Valuation Date(s)/Period(s):                                      | [specify]/[AER Knock-out Date]/[As per Condition 34.11]<br><br>[AER 1 Redemption Valuation [Date(s)/Period(s)]:<br>[specify]<br><br>[AER 2 Redemption Valuation [Date(s)/Period(s)]:<br>[specify]]<br><br><i>[For Fixed Income payouts, consider whether this is the interest determination date (i.e. 2 business days prior to the Automatic Early Redemption Date)]</i> |
| (xv)    | [AER Event 1 Underlying[s]:  | [See item [●] below]/[Not applicable]]  |
| (xvi)   | [AER Event 2 Underlying[s]:  | [See item [●] below]/[Not applicable]]  |
| (xvii)  | [AER Event 1 Basket:   | [Applicable]/[Not applicable]]  |
| (xviii) | [AER Event 2 Basket:   | [Applicable]/[Not applicable]]]   |
| (v)     | [Strike Date:]   | [specify]/[Not applicable]  |

## FORM OF FINAL TERMS FOR CERTIFICATES

		[Currency Convention: [As per Conditions]/[Preceding Currency Convention]/[Modified Following Currency Convention]]
(w)	[Strike Price:]	[specify] / [see item [●] above] / [Not applicable]
(x)	[Redemption Valuation Date:]	[specify]/[As specified in Condition 34.8 in relation to Open End Certificates] ( <i>N.B. Where Automatic Exercise applies the Certificates are Share Securities and the Shares are traded on the SeDeX MTF organised and managed by Borsa Italiana insert "the [Scheduled Trading Day] immediately preceding the Exercise Date"</i> )/[Not applicable] <sup>82</sup>
		[Currency Convention: [As per Conditions]/[Preceding Currency Convention]/[Modified Following Currency Convention]]
(y)	[Averaging:]	Averaging [applies/does not apply] to the Securities. [The Averaging Dates are [specify].] ( <i>Not applicable to Inflation Index Securities</i> )
		[Currency Convention: [As per Conditions]/[Preceding Currency Convention]/[Modified Following Currency Convention]]
		[In the event that an Averaging Date is a Disrupted Day [Omission/Postponement/Modified Postponement] (as defined in Condition 28) will apply.] ( <i>N.B. Not applicable to Index Securities relating to a Custom Index or Commodity Securities</i> )
		[In the event that an Averaging Date is a Disrupted Day, the provisions of Annex 2 will apply] ( <i>N.B. Only applicable to Index Securities relating to a Custom Index</i> )
(z)	[Observation Dates:]	[specify]/[Not applicable]
		[Currency Convention: [As per Conditions]/[Preceding Currency Convention]/[Modified Following Currency Convention]]
		[In the event that an Observation Date is a Disrupted Day [Omission/Postponement/Modified Postponement] will apply.] [Observation Day Disruption Consequences are not applicable.] ( <i>N.B. Not applicable to Index Securities relating to a Custom Index or Commodity Securities</i> )

<sup>82</sup>

Specify as "Not applicable" if the Securities are Put/Call Open End Certificates.

## FORM OF FINAL TERMS FOR CERTIFICATES

- [In the event that an Observation Date is a Disrupted Day, the provisions of Annex 2 will apply] (*N.B. Only applicable to Index Securities relating to a Custom Index*)
- (aa) [Observation Period:] [specify]/[Not applicable] (Not applicable to Inflation Index Securities)
- (bb) [Settlement Business Day:] "**Settlement Business Day**" for the purposes of Condition 5 means [specify]. [Not applicable] (*N.B. Only applicable in the case of Physical Delivery Securities*)
- (cc) [Cut-off Date:] [specify]/[Not applicable] (*N.B. Only applicable in the case of Physical Delivery Securities and if provisions in Conditions not applicable*)
- (dd) [Security Threshold on the Issue Date]: [Specify]  
  
(*Only relevant for Italian Securities where ETS Final Payout 2210 and/or Automatic Early Redemption Payout 2210/1 are applicable*)
- (ee) Identification information of Holders as provided by Condition 29: [Applicable / Not applicable]

### DISTRIBUTION AND U.S. SALES ELIGIBILITY

43. U.S. Selling Restrictions: [Applicable/Not applicable – the Securities may not be legally or beneficially owned by or transferred to any U.S. person at any time] [*if not applicable delete all items*]
- (a) [Eligibility for sale of Securities in the United States to AIs (N.B. Only U.S. Securities issued by BNPP can be so eligible):
- [The Securities are not eligible for sale in the United States.][The Securities are eligible for sale into the United States to AIs.]
- [Where Securities are eligible for sale in the United States to AIs, include the following:
- (i) The Securities will be issued in the form of Private Placement Definitive Securities;
  - (ii) The Securities may [not] be issued concurrently outside the United States to non-U.S. persons [(such Securities to be represented by a Regulation S Global Security)];
  - (iii) The Securities may [not] be transferred to QIBs (N.B. Securities may only be transferred to QIBs if eligible for sale to QIBs as provided in paragraph (b) below);
  - (iv) The Securities may [not] be transferred to non-U.S. persons;

## FORM OF FINAL TERMS FOR CERTIFICATES

- (v) The Securities may [not] be transferred to AIs;
  - (vi) [insert applicable U.S. federal and state legends and selling restrictions and specify details of any transfer restrictions and any necessary certifications, if different from those set out in the Conditions (N.B. Such restrictions may be necessary, *inter alia*, in relation to Commodity Securities)]; and
  - (vii) [*specify any amendments to the form of Exercise Notice (the form of which is set out in a schedule to the Agency Agreement)*].]
- (b) [Eligibility for sale of Securities in the United States to QIBs within the meaning of Rule 144A (N.B. except as provided in (c) below only U.S. Securities issued by BNPP can be so eligible):
- [The Securities are not eligible for sale in the United States.][The Securities are eligible for sale in the United States under Rule 144A to QIBs.]
- [Where Securities are eligible for sale in the United States under Rule 144A to QIBs, include the following:
- (i) The Rule 144A Global Security will be deposited with [a custodian for DTC]/[a common depositary on behalf of Clearstream, Luxembourg/Euroclear/Iberclear/other relevant clearing system];
  - (ii) The Securities may [not] be issued concurrently outside the United States to non-U.S. persons [(such securities to be represented by a Regulation S Global Security)];
  - (iii) The Securities may [not] be transferred to QIBs;
  - (iv) The Securities may [not] be transferred to non-U.S. persons;
  - (v) The Securities may [not] be transferred to AIs (N.B. Securities may only be transferred to AIs if eligible for sale to AIs as provided for in paragraph (a) above);
  - (vi) [insert applicable U.S. federal and state legends and selling restrictions and specify details of any transfer restrictions and any necessary certifications, if different from those set out in the Conditions (N.B. Such restrictions may be necessary, *inter alia*, in relation to Commodity Securities)]; and

## FORM OF FINAL TERMS FOR CERTIFICATES

- (vii) *[specify any amendments to the form of Exercise Notice (the form of which is set out in a schedule to the Agency Agreement)].*
- (c) [Eligibility for sale of Securities in the United States to QIBs within the meaning of Rule 144A who are also QPs within the meaning of the Investment Company Act (N.B. All U.S. Securities issued by BNPP B.V. must include these restrictions in lieu of restrictions in (a) or (b) above)
- [The Securities are not eligible for sale in the United States.][The Securities are eligible for sale in the United States to persons who are both QIBs and also QPs.]
- [Where Securities issued by BNPP B.V. are eligible for sale in the United States, include the following:
- (i) The Securities are issued by BNPP B.V.;
- (ii) [The Rule 144A Global Security will be deposited with [a custodian for DTC]/[a common depositary on behalf of Clearstream, Luxembourg/Euroclear/Iberclear/other relevant clearing system]];
- (iii) The Securities may [not] be issued concurrently outside the United States to non-U.S. persons [(such Securities to be represented by a Regulation S Global Security)];
- (iv) The Securities may only be transferred to persons who are both QIBs and QPs;
- (v) The Securities may [not] be transferred to non-U.S. persons;
- (vi) The Securities may not be transferred to AIs;]
- 44.** Additional U.S. Federal income tax considerations:
- [The Securities are [not] Specified Securities for the purpose of Section 871(m) of the U.S. Internal Revenue Code of 1986.] [The Securities may be Specified Securities for the purpose of Section 871(m) of the U.S. Internal Revenue Code of 1986, as stated in "Specific Provisions for each Series" above. If the Securities are Specified Securities, then the following provisions will apply.] [Additional information regarding the application of Section 871(m) to the Securities will be available at [give name(s) and address(es) of Issuer contact]. [The Issuer will arrange for withholding under Section 871(m) to be imposed on any dividend equivalent payment at a rate of 30 per cent.]]
- (If the Securities are Specified Securities, include the "Additional information" sentence and provide the appropriate contact information at the Issuer. N.B. Include the option above, completed as appropriate, where (a) the Securities do not reference any U.S. equity*

## FORM OF FINAL TERMS FOR CERTIFICATES

*or any index that contains any component U.S. equity or otherwise provide direct or indirect exposure to U.S. equities or (b) the Section 871(m) determination has been made by the time the Final Terms are finalised (in which case, the determination will have been made either (i) on the pricing date, if this falls 14 days or fewer before the issue date or (ii) on the issue date, if the pricing date falls more than 14 days before the issue date. Otherwise, include the following option, completed as appropriate:*

[As at the date of these Final Terms, the Issuer has not determined whether the Securities are Specified Securities for purposes of Section 871(m) of the U.S. Internal Revenue Code of 1986; however, indicatively it considers that they will [not] be Specified Securities for these purposes. **This is indicative information only subject to change and if the Issuer's final determination is different then it will give notice of such determination.** Please contact [give name(s) and address(es) of Issuer contact] for further information regarding the application of Section 871(m) to the Securities.]]

*(The Securities will not be Specified Securities if they (i) are issued prior to 1 January 2023 and provide a return that differs significantly from the return on an investment in the underlying (i.e. they are not "delta-one" securities for U.S. tax purposes) or (ii) do not reference any U.S. equity or any index that contains any component U.S. equity or otherwise provide direct or indirect exposure to U.S. equities. If the Securities reference a U.S. equity or an index that contains a component U.S. equity or otherwise provide direct or indirect exposure to U.S. equities and (i) are issued prior to 1 January 2023 and provide a return that does not differ significantly from the return on an investment in the underlying, or (ii) are issued on or after 1 January 2023, further analysis would be required.)*

[Payments on the Specified Securities are calculated by reference to [Net Dividends/Net Total Returns]. By purchasing a Specified Security, the parties agree that in calculating the relevant payment amount the Issuer has withheld, and the purchaser is deemed to have received 30 per cent. of any dividend equivalent payments (as defined in Section 871(m) of the Code) in respect of the relevant [U.S. securities/U.S. dividend paying index components]. The Issuer will not pay any additional amounts to the holder on account of the Section 871(m) amount deemed withheld.



## FORM OF FINAL TERMS FOR CERTIFICATES

[For this purpose, "**Net Dividends**" means the dividends paid by an issuer of a security net of 30 per cent. U.S. federal withholding tax.]

[For this purpose "**Net Total Returns**" means the net total return of the U.S. source dividend paying components, as calculated by the Index Sponsor, of an index that reinvests U.S. source dividends paid by an issuer of a security that is a component of the index net of 30 per cent. U.S. withholding tax on such U.S. source dividends.]]

45. Registered broker/dealer: [BNP Paribas Securities Corp.]/[specify other]<sup>83</sup>/[Not applicable]
- (If syndicated, specify names of the Manager(s))
46. TEFRA C or TEFRA Not Applicable: [TEFRA C/TEFRA Not Applicable]
47. Non-exempt Offer: [Applicable][Not applicable] (if not applicable, delete the remaining placeholders of this paragraph 47 and paragraph 7 of Part B)
- (i) Non-exempt Offer Jurisdictions: [Specify relevant Member State(s) where the Issuer intends to make Non-exempt Offers (select from the list of Non-exempt Offer Jurisdictions in the Base Prospectus) – which must be jurisdictions where the Base Prospectus and any supplements have been passported (in addition to the jurisdiction where approved and published)]
- (ii) Offer Period: [specify date and, if applicable, time] until [and including] [specify date (and, if applicable, time) or a formula such as "the Issue Date" or "the date which falls [●] Business Days thereafter"] [subject to any early closing]]/[From (and including) the Issue Date until (and including) the date on which the Securities are delisted].
- (iii) Financial intermediaries granted specific consent to use the Base Prospectus in accordance with the Conditions in it: [insert names and addresses of financial intermediaries receiving consent (specific consent)]
- (iv) General Consent: [Not applicable]/[Applicable]
- (v) Other Authorised Offeror Terms: [Not Applicable] [add here any other Authorised Offeror Terms]
- (Authorised Offeror Terms should only be included here where General Consent is applicable)
- (N.B. Consider any local regulatory requirements necessary to be fulfilled so as to be able to make a

<sup>83</sup>

If U.S. Securities [N.B. if U.S. Securities are issued by BNPP B.V, the [broker/dealer] shall be BNP Paribas Securities Corp.]

## FORM OF FINAL TERMS FOR CERTIFICATES

*non-exempt offer in relevant jurisdictions. No such offer should be made in any relevant jurisdiction until those requirements have been met. Non-exempt offers may only be made into jurisdictions in which the base prospectus (and any supplement) has been notified/passported.)*

### 48. Prohibition of Sales to EEA and UK Retail Investors:

(a) Selling Restriction:

[Applicable]/[Not applicable]

[The Securities are only intended to be offered, sold or otherwise made available to investors via the professional segment of [the regulated market of the Luxembourg Stock Exchange]/[the Euro MTF Market].]<sup>84</sup>

(b) Legend:

[Applicable]/[Not applicable]

(c) [Prohibition of Sales to Belgian Consumers: Not Applicable]

## PROVISIONS RELATING TO COLLATERAL AND SECURITY

### 49. Secured Securities other than Notional Value Repack Securities:

[Applicable – Parts A or B of Annex 13 (Additional Terms and Conditions for Secured Securities) will apply/Not applicable]

*(If not applicable, delete the remaining sub-paragraphs of this paragraph) (specify not applicable if Securities are Notional Value Repack Securities and complete paragraph 50)*

*[Part A/Part B] of Annex 13 will apply.] (specify)*

(a) Collateral Pool:

*[specify]*

(b) Type of Collateral Pool:

[Single Series Pool/Multiple Series Pool]

(c) (i) Eligible Collateral:

*[specify]* [Cash denominated in [Euro][an Eligible Currency] [Eligible Currency(ies)-[ ] ] *[specify eligible currencies if Eligible Collateral consists of cash other than in Euro]* [Eligible Equity Collateral] [Linked Note Collateral][Credit Linked Note Collateral][Loan Participation Note Collateral][Loan Collateral][Convertible Bond Collateral][Exchangeable Bond Collateral][Covered Bond Collateral][Pfandbriefe Collateral][Zero Coupon Bond Collateral][Vanilla Debt Securities][Eligible ABS Collateral]Eligible Fund Collateral][issued by [●]/[with ISIN [●] *(specify)*]/[Specify further details][See table in Part B for further

<sup>84</sup>

Include if the Securities are intended to be listed and admitted to trading on the professional segment of the regulated market of the Luxembourg Stock Exchange or the Euro MTF Market, as the case may be.

## FORM OF FINAL TERMS FOR CERTIFICATES

- details of the assets] [Initial Collateral Assets: Applicable/Not Applicable][Specify][Delete if Part B of Annex 13 is not applicable][Where the Securities are Collateral Asset Linked Securities, this paragraph 49(c) should be completed in conjunction with paragraphs 49(v)(iii) and 49(v)(iv)]
- (ii) Fallback Collateral: [Not applicable]/ [specify] [Cash denominated in [Euro][an Eligible Currency] [Eligible Currency(ies) [ ] [specify eligible currencies if Eligible Collateral consists of cash other than in Euro] [Eligible Equity Collateral] [Linked Note Collateral][Credit Linked Note Collateral][Loan Participation Note Collateral][Loan Collateral][Convertible Bond Collateral][Exchangeable Bond Collateral][Covered Bond Collateral][Pfandbriefe Collateral][Zero Coupon Bond Collateral][Vanilla Debt Securities][Eligible ABS Collateral]Eligible Fund Collateral][issued by [●]/[with ISIN [●] (specify)/ [Specify further details][See table in Part B for further details of the assets]
- (d) Type of collateralisation: [MTM Collateralisation]/[Partial MTM Collateralisation]/[Nominal Value Collateralisation] / [Partial Nominal Value Collateralisation] [- Partial Collateralisation Level is equal to [specify]][NB - where Partial MTM Collateralisation or Partial Nominal Value Collateralisation is applicable, specify level] [Group Collateralisation is applicable] [Delete where Group Collateralisation is not applicable] [Nominal Substitution is applicable][Delete where Nominal Substitution is not applicable]
- (e) Type of enforcement: [Collateral Cash Settlement]/[Physical Delivery Of Collateral] /[See Collateral Security Condition 9 of Part B of Annex 13][Specify where the Certificates are Collateral Asset Linked Certificates and Part B of Annex 13 applies]
- (f) Haircut: [Applicable/Not applicable]
- (g) Security Termination Amount: [Security Value Termination Amount]/[Security Value Realisation Proceeds]/[Nominal Value Realisation Proceeds]/[Partial Nominal Value Realisation Proceeds]/[Nominal Value Amount]/[Shortfall Value Amount]/[specify]/[Security MTM Termination Amount] [NB: Nominal Value Realisation Proceeds, Partial Nominal Value Realisation Proceeds or Nominal Value Amount should not be specified as the Security Termination Amount if MTM Collateralisation or Partial MTM Collateralisation have been specified in

## FORM OF FINAL TERMS FOR CERTIFICATES

*paragraph (d) above] [Only specify Security MTM Termination Amount where Collateral Security Condition 9 of Part B of Annex 13 applies]*

- |     |  |   |
|-----|--|---|
| (h) | Priority of Payments:                            | [Not applicable]/Holder Priority of Payments, Swap Counterparty Priority of Payments, Repo Counterparty Priority of Payments, Unwind Priority of Payments <i>[specify]</i> <i>[NB: The same Priority of Payments must apply to each series of Secured Securities secured by the same Collateral Pool]</i> <i>[Specify not applicable if Part B of Annex 13 applies]</i> |
| (i) | Additional or Alternative Security Agreement(s): | [None]/ <i>[Specify details including governing law]</i> /[As per Collateral Security Condition 2.4]  |
| (j) | Limited Diversification:                         | [Applicable/Not applicable]   |
| (k) | Collateral Valuation Dates:                      | <i>[specify]</i> /[None]  |
| (l) | Collateral Calculation Agent:                    | [BNP Paribas Arbitrage S.N.C.]/[BNP Paribas]/ <i>[specify]</i> /[Not applicable]  |
| (m) | Collateral Custodian:                            | [BNP Paribas Securities Services, Luxembourg Branch]/[BNP Paribas, Succursale de Luxembourg]/ <i>[specify]</i>  |
| (n) | Collateral Agent:                                | [BNP Paribas Trust Corporation UK Limited]/ <i>[specify]</i>  |
| (o) | Triparty Agent:                                  | [Applicable/Not applicable]. [The Triparty Agent is [The Bank of New York Mellon SA/NV]/ <i>[specify]</i> ] <i>[Delete if Triparty Agent is not applicable]</i>   |
| (p) | Swap Agreement:                                  | [Applicable/Not applicable]   |
| (q) | Swap Counterparty:                               | [BNP Paribas Arbitrage S.N.C.]/[BNP Paribas]/[Not Applicable]/ <i>[specify]</i>   |
| (r) | Repurchase Agreement:                            | [Applicable/Not applicable]   |
| (s) | Repo Counterparty:                               | [BNP Paribas Arbitrage S.N.C.]/[BNP Paribas]/[Not Applicable]/ <i>[specify]</i>   |
| (t) | Collateral Asset Default:                        | [Applicable]/[Not applicable] [Collateral Asset Default] [Collateral Asset Issuer Default] <i>(NB: Collateral Asset Issuer Default may only be specified if Part A of Annex 13 is applicable. Delete if Collateral Asset Default is not applicable)</i>   |
|     |  | [Collateral Physical Settlement: [Applicable/Not applicable]] [Disruption Cash Settlement Price: <i>specify if Collateral Physical Settlement is applicable</i> ]/[Default Redemption]/[Option Value Redemption] [Highest   |

## FORM OF FINAL TERMS FOR CERTIFICATES

Value]/[Market Value]/[Monetisation Option] is applicable.

*[If Highest Value or Monetisation Option are applicable:  
Protected Amount: [specify] per cent. of the Notional Amount]*

[Optional Additional Disruption Force Majeure:  
Applicable]/[Not applicable]

[Essential Trigger – Cash Settlement: Applicable] *(delete if not applicable)*

*[NB Delete Collateral Physical Settlement, Disruption Cash Settlement Price, Default Redemption/Option Value Redemption, Highest Value, Market Value, Monetisation Option, Optional Additional Disruption Force Majeure, if Collateral Asset Default is not applicable]*

- (u) Collateral Security Credit Certificates: [Collateral Security Condition 8 in Part B of Annex 13 is applicable and the Secured Securities are Collateral Security Credit Certificates]/[Not applicable] *[If not applicable delete the remaining sub paragraphs of this paragraph]*
  - (i) Redemption Date: [specify]
  - (ii) Reference Entity: [specify]
  - (iii) Terms relating to Settlement: [As per Collateral Security Condition 8]
  - (iv) Accrual of Interest upon Credit Event: [As per Collateral Security Condition 8.3(a)(i)]/[As per Collateral Security Condition 8.3(a)(ii)]/[Not applicable]
- (v) Collateral Asset Linked Securities: [[[Collateral Security Condition [9] of Part B of Annex 13] is applicable and the Secured Securities are Collateral Asset Linked Securities]/[Not applicable] *[If not applicable delete the remaining sub paragraphs of this paragraph]*
  - (i) Distributor: [specify]/[None]
  - (ii) Initial Posting Date: [Issue Date]/[specify]
  - (iii) MTM Adjustable Assets: [specify]/[Include ISINs where applicable] *[NB must also constitute Eligible Collateral]*/[Not applicable]
  - (iv) Reference Collateral Assets: [specify]/[Include ISINs where applicable]*[NB must also constitute Eligible Collateral]*
  - (v) Reference Collateral Assets Issuer: [specify]
  - (vi) Reference Delivery Amount: [As per Conditions]/[specify]

## FORM OF FINAL TERMS FOR CERTIFICATES

- (vii) Security MTM Termination [Realisation Proceeds Share]/[specify]  
Amount:
- (viii) Scheduled Underlying [Premium Amount(s)]/[specify]/[Not applicable]  
Reference Linked Payment(s):

**50.** Notional Value Repack Securities: [Applicable – [Part C][Part D] of Annex 13 (Additional Terms and Conditions for Secured Securities) will apply/Not applicable]

*(If not applicable, delete the remaining sub-paragraphs of this paragraph)(Specify not applicable if the Securities are Secured Securities but Part A or B of Annex 13 applies, in which case complete paragraph 49)*

The Securities are [Credit] Notional Value Repack Securities

(a) Collateral Pool: [Specify]

(b) Type of Collateral Pool: [Single Series Pool/Multiple Series Pool]

(c) Collateral Assets: [There are no Reference Collateral Assets][Only specify if Charged Asset Structure 5 is specified in Part B and delete remainder of this paragraph][

(i) Specified Reference [The "Reference Collateral Assets" in respect of the series  
Collateral Assets: of Secured Securities are:[ specify/include name of securities] [issued by [●] (the "RCA Issuer") with the following details: [Complete to the extent applicable or delete]

[RCA Nominal Amount: [●] (Where Securities are being issued which are fungible with existing Securities, specify aggregate RCA Nominal Amount and applicable RCA Nominal Amount for the relevant tranches)]

[RCA Guarantor: [●]]

[RCA Currency: [●]]

[RCA Interest Rate: [●]]

[RCA Interest Payment Dates:[●]]

[RCA Maturity Date:[●]]

[Scheduled Final Bond Payment Date: [●]] [Only specify where different from RCA Maturity Date]

[RCA ISIN:[●]]

## FORM OF FINAL TERMS FOR CERTIFICATES

- [The Eligible Collateral Issuer Obligations] / [Specified Obligations] / [The Repo Collateral Securities]
- [Partial Nominal Value Collateralisation is applicable] [- Collateralisation Level is equal to *[specify]*]
- [Group Collateralisation is not applicable] [Additional Posting Date: [●]] (*Specify if Scheduled Additional Posting Date is other than Placed Secured Securities Increase Date.*) [[Additional Settlement Grace Period is applicable [where the Additional Reference Collateral Assets Grace Period is *[specify]* Business Days. (*specify if different from Settlement Grace Period*)]] (*Delete where Group Collateralisation is applicable*)
- (ii) Initial Posting Date: [Issue Date] / *[specify]* [Settlement Grace Period is applicable where the Reference Collateral Assets Grace Period is *[specify]* Business Days]
- (d) Type of enforcement: Physical Delivery of Collateral is [applicable:] [not applicable] [Disruption Cash Settlement Price is equal to [●]] [[Collateral Settlement Disruption Period is [as set out in Collateral Security Condition 1] *[specify]*]] *[Delete if Physical Delivery of Collateral is not applicable]*
- (e) Security Termination Amount: [Nominal Value Realisation Proceeds] / [Partial Nominal Value Realisation Proceeds] / [Realisation Proceeds] / [Security Value Termination Amount] / [Physical Delivery of Collateral]
- (f) Priority of Payments: [Holder Priority of Payments] / [Swap Counterparty Priority of Payments] / [Swap Counterparty Priority of Payments – Subordination Flip] / [Repo Counterparty Priority of Payments]
- (g) Additional or Alternative Security Document(s): [None] / *[Specify details including governing law]* [The Pledge Agreement will be governed by *[specify]* law] *[Insert where Pledge Agreement governed by a law other than Luxembourg law]*
- (h) Security Trustee or French Collateral Security Agent: [[The Law Debenture Trust Corporation p.l.c.] / *[specify]*] is acting as Security Trustee. The appointment of a French Collateral Security Agent is not applicable. *[[specify], appointed in accordance with the provisions of article [1984][2488-6] of the French civil code, is acting as French Collateral Security Agent. The appointment of a Security Trustee is not applicable.]*
- (i) Secured Parties: [As set out in Collateral Security Condition 1] *[specify]*
- (j) Collateral Calculation Agent: [As set out in Collateral Security Condition 1] / *[specify]*

## FORM OF FINAL TERMS FOR CERTIFICATES

- (k) Collateral Custodian: [BNP Paribas Securities Services, Luxembourg Branch]/  
[BNP Paribas, Succursale de Luxembourg]/[specify]
- (l) Related Agreement[s]: [Applicable/Not applicable] *[Delete remaining sub-paragraphs if not applicable]*
- (i) Swap Agreement: [Applicable/Not applicable]*[Delete remaining sub-paragraphs if not applicable]*
- Swap Counterparty: [BNP Paribas] /*[specify]*
- Credit Support Document: [As set out in Collateral Security Condition 1]/*[specify]*/  
[Not applicable]
- Swap Agreement Termination Payment: [Recovery Access: [Applicable]/[Not applicable]][in respect of [●]] [Extinguisher of All Swap Flows is applicable][in respect of [●]]
- Swap Business Days: *[specify]*
- (ii) Repurchase Agreement: [Applicable/Not applicable]
- Repo Counterparty: [BNP Paribas] / [Not applicable]/*[specify]*
- Repo Collateral Securities *[specify]*
- Repurchase Date(s) *[specify]*
- (iii) Collateral Exchange Agreement: [Applicable/Not applicable]
- Collateral Exchange Counterparty: [BNP Paribas] /*[specify]*
- Replacement Collateral Assets: *[specify]*
- Over Collateralisation Level: *[specify]*
- Type of Collateral Exchange Agreement: [Collateral Exchange Agreement - [Two Way Transfer]/[One Way Transfer Securities Lending]][Triparty Transfer: the Triparty Services Agent is: *[specify]*]
- (m) Early Redemption Events: [The following Early Redemption Event[s] will apply to the Securities:
- [Adjusted Asset Redemption Event;]
- [Annex Early Redemption Event;]



## FORM OF FINAL TERMS FOR CERTIFICATES

[Asset Payment Default Event;]

[Asset Default Event;]

[Asset Redemption Event;]

[Asset Payment Shortfall Event;]

[CDS Credit Event;]

[MTM Trigger Redemption Event;]

[RCA Change in Law Event;]

[RCA Call Event;]

[RCA Interest Deferral or Reduction Event;]

[RCA Makewhole Event;]

[RCA Payment Default Event;]

[RCA Principal Deferral or Reduction Event;]

[RCA Regulatory Event;]

[RCA Repudiation/Moratorium Event;]

[RCA Restructuring Event;]

[RCA Tax Event;]

[RCA Issuer Bankruptcy Event;]

[RCA Issuer/Parent Bankruptcy Event;]

[RCA Issuer/Parent Payment Default Event;]

[RCA Issuer/Parent Restructuring Event;]

[RCA Issuer/Parent Governmental Intervention Event;]

[RCA Issuer/Parent Obligation Acceleration Event;]

[RCA Issuer/Parent Repudiation/Moratorium Event;]

[RCA Issuer Bond Failure to Pay Event;]

[RCA Issuer Bond Restructuring Event;]

[Related Agreement Termination Event;]

[RCA Non-Call Event;]

[Standard Early Redemption Event;]

## FORM OF FINAL TERMS FOR CERTIFICATES

[Obligor Early Redemption Event;][and]

[Other Early Redemption Event;][.]

[will apply in respect to the following RCA Reference Entity[ies]]/[Specify]:*[Include wording listing the relevant Early Redemption Events from list above where different Early Redemption Events apply to different RCA Reference Entities.]*

[Standard Early Redemption][Par Early Redemption][Makewhole Early Redemption][Accrual Par Early Redemption] will apply [in respect of a RCA Makewhole Event] [and] [in respect of a RCA Call Event]. *[Specify as applicable]*. [RCA Early Call Event – Partial Redemption is applicable [in respect of a RCA Makewhole Event] [and] [in respect of a RCA Call Event]] *[Specify as applicable]* [Alternative Interest Rate is equal to: [●]]*[Delete if RCA Early Call Event does not apply]*

[In respect of the RCA Issuer/Parent Governmental Intervention Event, the CoCo Supplement will apply.][Trigger Percentage: [●]] [As specified in Annex 13 (Additional Terms and Conditions for Secured Securities)]*[Delete if RCA Issuer/Parent Governmental Intervention Event does not apply or if not applicable]*

[Financial Entity Terms are applicable] *(delete if not applicable)*

*(Only include prompts below if NTCE Provisions amendments are to be disappplied)*

[[NTCE Provisions: Not applicable]

[Fallback Discounting: Not applicable]

[Credit Deterioration Requirement: Not applicable]]

*(Delete if not applicable or if no Obligor Early Redemption Events are applicable)]*

[Suspension of Payments is [applicable][not applicable]] *(delete if not applicable or Standard Early Redemption Event is applicable and Suspension of Payments is applicable)* [The Suspension Period is [●]]. *(Delete unless Suspension Period is different from as set out in Collateral Security Condition 1.1)]*

[Adjusted Asset Redemption Event:

## FORM OF FINAL TERMS FOR CERTIFICATES

RCA Call Date: *[specify]* *(delete if not applicable)*

*[RCA Maturity Call is applicable] (delete if RCA Maturity Call is not applicable) [and Par Redemption is applicable where the Par Redemption Period is [●]] (delete if Par Redemption is not applicable)]*

*(Delete if Adjusted Asset Redemption Event is not applicable)]*

*[RCA Payment Default Event: No Grace Period is applicable] (Delete if RCA Payment Default Event is not applicable or a grace period is to apply)]*

*[Scheduled Redemption Date: *[specify]*] (Insert where Obligor Early Redemption Event is applicable or one of the Early Redemption Events included in the definition of Obligor Early Redemption Event is applicable. Delete if not applicable)*

- |       |  |   |
|-------|--|---|
| (i)   | Event Trigger Date:                              | [As set out in Collateral Security Condition 1] <i>[specify]</i>  |
| (ii)  | RCA Reference Entity:                            | <p>[RCA Issuer;]</p> <p>[RCA Parent;]</p> <p>[RCA Guarantor;]</p> <p>[Specified Reference Entity;] [and]</p> <p>[Eligible Collateral Issuer;]</p> <p>[Not applicable]</p>   |
| (iii) | Terms relating to Settlement:                    | <p>Collateral Physical Settlement is [not] applicable [in respect of [●]] <i>(Specify if Collateral Physical Settlement is only applicable to certain Early Redemption Events).</i></p> <p>[Collateral Sale is applicable in respect of [a RCA Call Event][a RCA Makewhole Event][and][an Asset Redemption Event]][The Delivery Date is [●]]<i>(Specify if other than the Early Redemption Date)</i> [NB. Also complete paragraphs 13 and 14 above where the Securities are Physical Delivery Securities and physical delivery applies on the Redemption Date.]</p> |
| (iv)  | Accrual of Interest upon Early Redemption Event: | <p>[As per Collateral Security Condition 6.1(a)(i)]/[As per Collateral Condition Security Condition 6.1(a)(ii)]/[As per Collateral Security Condition 6.1(b)]/[As per Collateral Security Condition 6.1(c)]/[Not applicable]</p>  |
| (v)   | RCA Merger Event:                                | [Collateral Security Condition 5.13 is applicable]/[Not applicable]   |

## FORM OF FINAL TERMS FOR CERTIFICATES

*[Delete remainder of paragraph if not applicable]*

[Merger Type: [RCA Reference Entity/Holders  
Merger][RCA Reference Entity/Issuer/Guarantor  
Merger]

(vi) Reference Obligation(s): [Applicable/Not applicable]

*[Delete remainder of paragraph if not applicable]*

(A) Standard Reference Obligation: [Applicable/Not applicable]

*(Delete below if not applicable)*

[[With respect to [●]: *(Delete if single Reference Entity, specify in respect of each entity if multiple Reference entities)*]

Primary Obligor: [●]

Guarantor: [●]

Maturity:[●]

Coupon: [●]

CUSIP/ISIN:[●]

Original Issue Amount:[●]

(vii) Default Requirement: [Specify]/[Not applicable] *[Specify not applicable if Transaction Type is specified]*

(viii) Payment Requirement: *[Specify]/ [Not applicable] [Specify not applicable if Transaction Type is specified]*

(ix) Transaction Type: *[Specify]* [Not applicable] [Standard North American Corporate][Standard European Corporate][Standard European Financial Corporate][Standard European CoCo Financial Corporate][Standard European Senior Non-Preferred Financial Corporate][Standard Subordinated European Insurance Corporate][Standard Emerging European Corporate LPN][Standard Emerging European Corporate][Standard Latin American Corporate BL][Standard Australia [Financial] Corporate][Standard New Zealand [Financial] Corporate][Standard Japan [Financial] Corporate][Standard Singapore [Financial] Corporate][Standard Asia [Financial] Corporate][Standard Sukuk Corporate][Standard Western European Sovereign][Standard Latin America Sovereign][Standard Emerging European & Middle Eastern Sovereign][Standard Australia

## FORM OF FINAL TERMS FOR CERTIFICATES

		Sovereign][Standard New Zealand Sovereign][Standard Japan Sovereign][Standard Singapore Sovereign][Standard Asia Sovereign][Standard Sukuk Sovereign][Standard U.S. Municipal Full Faith and Credit][Standard U.S. Municipal General Fund][Standard U.S. Municipal Revenue]
(x)	Seniority Level:	[Senior Level]/[Subordinated Level]/[●]/[Not applicable]
(n)	Early Redemption Amount:	<p>[Standard Early Redemption Amount [is applicable] [in respect of the following Early Redemption Events: <i>[specify]</i>]</p> <p>[Alternative Early Redemption Amount [is applicable] [in respect of the following Early Redemption Events: <i>[specify]</i>]</p> <p>[Secured Security Highest Value [is applicable] [in respect of the following Early Redemption Events: <i>[specify]</i>]</p> <p>[Secured Security Market Value [is applicable]] [in respect of the following Early Redemption Events: <i>[specify]</i>]</p> <p>[[Secured Security Monetisation Option [is applicable] [in respect of the following Early Redemption Events: <i>[specify]</i>]</p> <p><i>[If Secured Security Highest Value or Secured Security Monetisation Option are applicable: Protected Amount: [specify] per cent. of the Notional Amount]</i></p>
(o)	SB/JGB Repackaging:	[Applicable/Not applicable] <i>[Delete remaining sub-paragraphs if not applicable]</i>
(i)	Specified Reference Entity:	[Applicable – <i>[specify]</i> ]/[Not applicable]
(ii)	Transaction Type for Specified Reference Entity:	<i>[Specify]</i> [Not applicable]
(iii)	Eligible Collateral Issuer:	[Applicable – <i>[specify]</i> ]/[Not applicable]
(iv)	Transaction Type for Eligible Collateral Issuer:	<i>[Specify]</i> [Not applicable]
(v)	Eligible Collateral Issuer Obligations:	<i>[Specify]</i> [Not applicable]
(vi)	Specified Obligations:	<i>[Specify]</i> [Reference Obligations] [Not applicable]
(vii)	[Obligation Category:	[In respect of the Obligations of the Specified Reference Entity: <i>[Specify]</i>

## FORM OF FINAL TERMS FOR CERTIFICATES

- [In respect of the Obligations of the Eligible Collateral Issuer:] [*Specify*]
- [Payment, Borrowed Money, Reference Obligation Only, Bond, Loan, or Bond or Loan]]
- (viii) Obligation Characteristics: [In respect of the Obligations of the Specified Reference Entity: [*Specify*]
- [In respect of the Obligations of the Eligible Collateral Issuer:] [*Specify*]
- [Not Subordinated, Specified Currency, Not Sovereign Lender, Not Domestic Currency, Not Domestic Law, Listed and Not Domestic Issuance][Financial Reference Entity Terms] [All Guarantees][*Delete if not applicable*]]
- (ix) Calculation Date: [As specified in Collateral Security Condition 1] / [*Specify*]
- (x) Default Requirement: [*Specify*]
- (xi) Payment Requirement: [*Specify*]
- (xii) Reference Collateral Credit Event(s): [*Specify*]
- [Where different Reference Collateral Credit events are applicable in respect of the Specified Reference Entity and the Eligible Collateral Issuer, list these separately]
- [In respect of the Specified Reference Entity]: [*specify* applicable Reference Collateral Credit Event(s)]
- [In respect of the Eligible Collateral Issuer]: [*specify* applicable Reference Collateral Credit Event(s)]
- [Bankruptcy]
- [Failure to Pay]
- [Restructuring][*-Multiple Holder Obligation is not applicable*][*Delete where Multiple Holder Obligation is applicable*]
- [Repudiation/Moratorium]
- [Obligation Acceleration]
- [Obligation Default]
- [Governmental Intervention]
- [*Specify where Repudiation//Moratorium Extension is applicable or Multiple Holder Obligation is not*]

## FORM OF FINAL TERMS FOR CERTIFICATES

*applicable in respect of the Specified Reference Entity/the Eligible Collateral Issuer]*

- |         |  |  |
|---------|--|--|
| (xiii)  | Publicly Available Information:        | [Applicable]/[Not applicable]  |
| (xiv)   | Multiple Credit Events:                | [Applicable]/[Not applicable]  |
| (xv)    | Method of early redemption:            | [Collateral Security Condition 5.9]/[Collateral Security Condition 5.10] is applicable: [Standard]/[Payment of Reference Price]/[Delivery of Specified Obligations] <i>[Specify as applicable]</i> |
| (xvi)   | Method of calculating Reference Price: | [Average Market]/[Highest]/[Average Highest]   |
| (xvii)  | Specified Number of Dealers:           | [Specify]  |
| (xviii) | Minimum Number of Quotations:          | [Specify]  |
| (p)     | MTM Trigger Redemption Event:          | [Swap MTM Event] [Reference Collateral Assets MTM Event] [Secured Securities MTM Event] [Applicable / Not applicable] <i>[Delete remaining sub-paragraphs if not applicable]</i>                   |
| (i)     | MTM Trigger Valuation Method:          | [Calculation Agent Valuation] [Dealer Poll Valuation]  |
| (ii)    | Collateral Trigger Percentage:         | [[●] per cent.]  |
| (q)     | Collateral Substitution:               | [Applicable]/[Not applicable] <i>[Delete remaining sub-paragraphs if not applicable]</i> [Notice of Substitution is applicable]  |
| (i)     | Dual Substitution:                     | [Applicable]/[Not applicable]  |
| (ii)    | Single Substitution:                   | [Applicable]/[Not applicable]  |
| (iii)   | Alternative Substitution:              | [Applicable]/[Not applicable] <i>[Specify replacement assets which will be substituted]</i>  |
| (r)     | Deferral of payments:                  | [Applicable]/[Not applicable]  |
| (s)     | Market Value Put Option:               | [Applicable]/[Not applicable] <i>[Delete remaining sub-paragraphs if not applicable]</i>   |
|         | Holder's Option Period:                | [Specify]/[Not applicable]   |
| (t)     | Swap Counterparty Call Option:         | [Applicable][Not applicable] <i>[Where applicable also complete paragraph 42(s) above]</i>   |
|         | Call Exercise Date(s):                 | [Specify][As set out in Collateral Security Condition 1]   |

## FORM OF FINAL TERMS FOR CERTIFICATES

- (u) Swap Termination Without Redemption: [Applicable][Not applicable] [[Condition to Interest Payment] [and] [Condition to Final Payment] is applicable] (*Delete if not applicable*) [Swap Agreement All Termination is applicable] (*Delete if not applicable*)
- 51.** Actively Managed Securities: [Applicable/Not applicable]
- (a) Basket Allocation Agency Agreement: Date: [specify]  
Basket Allocation Agent: [specify]
- (b) Initial Reference Portfolio: *[Include details of each Portfolio Component as of the Issue Date, including (i) the values in respect of each Portfolio Component for  $n_{k,0}$ ,  $RF_k$ , the Underlying Reference Strike Price, the Underlying Reference FX Strike Level,  $FX_{k,strike-1}$  and the Initial Underlying Reference Weighting, (ii) in respect of each Share (if any) comprised in the Initial Reference Portfolio, the ISIN and name of the Share Company, (iii) in respect of each ETI Interest (if any) comprised in the Initial Reference Portfolio, the relevant ETI and (iv) in respect of each Custom Index comprised in the Initial Reference Portfolio (if any), the name of the Custom Index. This information may be set out in the form of a table and/or included in an Appendix to the Final Terms. Each Portfolio Component comprised in the Initial Reference Portfolio must comply with the Investment Strategy Guidelines.]*
- (c) Reallocation Instructions:
- (i) Maximum Number of Reallocation Instructions: Maximum Daily Rebalancing Number: [specify]  
Maximum Annual Rebalancing Number: [specify] per [Year]/[Calendar Year]
- (ii) Minimum Number of Portfolio Components: [specify]
- (iii) Reallocation Instruction Cut-off Time: In respect of each Portfolio Component that is a Custom Index: [specify time]  
  
In respect of each Portfolio Component that is a Share or an ETI Interest, the relevant time in respect of the Eligible Country in respect of such Share or ETI Interest as set out in item 51(d) below.
- (d) AMC Value: *[Insert formula, relevant value(s) and related provisions from Actively Managed Security Conditions 3 and 4]*
- | Eligible Country | Reallocation Instruction Cut-off Time | RBF <sub>k</sub> |
|------------------|---------------------------------------|------------------|
|------------------|---------------------------------------|------------------|



## FORM OF FINAL TERMS FOR CERTIFICATES

[specify each [specify time] [●] per cent.  
Eligible  
Country]

*(Repeat rows as necessary)*

[For the purpose of the Securities the terms specified in these Final Terms are deemed to be incorporated into the Terms and Conditions of the Securities as amended and/or supplemented by the provisions of the Additional Terms and Conditions set out in the Annex specified in the Final Terms (the "**Conditions**") and shall thereby complete the Conditions for the purpose of the Securities and these Final Terms may be regarded as evidencing the complete Conditions.]<sup>85</sup>

### Responsibility

The Issuer accepts responsibility for the information contained in these Final Terms. To the best of the knowledge of the Issuer (who has taken all reasonable care to ensure that such is the case), the information contained herein is in accordance with the facts and does not omit anything likely to affect the import of such information.

### [THIRD PARTY INFORMATION]

[The information included in [the Annex] (the "[●] Information") consists of extracts from or summaries of information that is publicly available in respect of [●]. The Issuer confirms that such information has been accurately reproduced and that, so far as it is aware and is able to ascertain from information published by [●], no facts have been omitted which would render the reproduced inaccurate or misleading.]<sup>86</sup>

[Signed on behalf of [BNP Paribas Issuance B.V.]/[BNP Paribas]

As Issuer:

By:

Duly authorised]

---

<sup>85</sup> To be inserted if the Securities are CREST Dematerialised Securities.

<sup>86</sup> Include only if such information has been included.

## PART B – OTHER INFORMATION

## 1. Listing and Admission to trading – [De-listing]

[The Securities are unlisted.]/[Application [has been/will be] made to list the Securities on [the Official List of the Luxembourg Stock Exchange/Euronext Paris/Euronext Access Paris/Euronext Brussels] and to admit the Securities for trading on [[the professional segment of] the Luxembourg Stock Exchange's regulated market/[the professional segment of] the Euro MTF Market/Euronext Paris/[the XMLI Segment of] Euronext Access Paris/Euronext Brussels] [[with effect from/on or around] [●]].]/[Application [has been/will be] made to list the Securities on the stock exchange of [Madrid/Barcelona/Valencia/Bilbao] and to admit the Securities to trading in the Warrants and Certificates Module of the Spanish stock market trading system (*Sistema de Interconexión Bursátil Español* ("**SIBE**")) [[with effect from/on or around] [●]].]/[Application [has been/will be] made to list the Securities on [NYSE Euronext Lisbon - Sociedade Gestora de Mercados Regulamentados, S.A. ("**Euronext Lisbon**")/OPEX - Sociedade Gestora de Sistema de Negociação Multilateral, S.A. ("**OPEX**")] and to admit the Securities described herein for trading on [EasyNext Lisbon managed by Euronext Lisbon]/[PEX managed by OPEX] [[with effect from/on or around] [●]].]/[Application [has been/will be] made to list the Securities on the regulated market of the Nordic Growth Market NGM AB (known as "**Main Regulated**") and to admit the Securities for trading on the Main Regulated [[with effect from/on or around] [●]].]/[Application [has been/will be] made to list the Securities and to admit the Securities for trading on the Oslo Børs [[with effect from/on or around] [●]].]/[Application [has been/will be] made to list the Securities and to admit the Securities for trading [[with effect from/on or around] [●]] on the Official List of NASDAQ Helsinki Ltd. [and/or on the regulated market of the Nordic Growth Market NGM AB (known as "**Main Regulated**")]/[specify other exchange].]/[Application [has been/will be] made for the Securities to be admitted to trading on the Multilateral Trading Facility of securities derivatives financial instruments, SeDex, organised and managed by Borsa Italiana S.p.A. (the "**SeDeX MTF**") [[with effect from/on or around] [●]].]/ [Application [has been/will be] made for the Securities to be admitted to trading on the Multilateral Trading Facility EuroTLX (organised and managed by Borsa Italiana S.p.A.) [[with effect from/on or around] [●]]. The Issuer is not a sponsor of, nor is it responsible for, the admission and trading of the Securities on the EuroTLX and no assurance can be given that any such application will be successful.] [Application [has been/will be] made to list the Securities and to admit the Securities for trading on the Official List of NASDAQ Stockholm [[with effect from/on or around] [●]].]/[Application [has been/will be] made to list the Securities on the Official List of the Freiverkehr Stock Exchange and to admit the Securities for trading on the Frankfurt Stock Exchange's Regulated Unofficial Market ("**Freiverkehr**" section) [[with effect from/on or around] [●]].] [Application [has been/will be] made to list the Securities on the Main Board of the Johannesburg Stock Exchange and to admit the Securities described herein for trading through the Central Securities Depository [[with effect from/on or around] [●]].] [Application [has been/will be] made to list the Securities on NYSE Alternext Brussels and to admit the Securities for trading on NYSE Alternext Brussels [[with effect from/on or around] [●]].] [Application [has been/will be] made to list the Securities on the Nordic MTF and to admit the Securities for trading on the Nordic MTF [[with effect from/on or around] [●]].] [Application [has been/will be] made to list the Securities on the Boerse Stuttgart cats GmbH (the "**cats**") and to admit the Securities for trading on the cats [[with effect from/on or around] [●]].]/[Application [has been/will be] made to list the Securities and to admit the Securities for trading on the Warsaw Stock Exchange (*Gielda Papierów Wartościowych w Warszawie S.A*) [[with effect from/on or around] [●]].]/[Application [has been/will be] made to list the Securities on the Irish Stock Exchange plc trading as Euronext Dublin ("**Euronext Dublin**") and to admit the Securities for trading on the regulated market of Euronext Dublin [[with effect from/on or around] [●]].]/[Application [has been/will be] made to list the Securities on [specify relevant MTF/regulated market/third country market/SME growth market] and to admit the Securities for trading on [specify relevant MTF/regulated market/third country market/SME growth market] [[with effect from/on or around] [●]].]

[The de-listing of the Securities on the [exchange/regulated market/market] specified above shall occur on [specify], subject to any change to such [date/period] by such [exchange/regulated market/market] or any competent authorities, for which the Issuer [and the Guarantor] shall under no circumstances be liable].

[Estimate of total expenses related to admission to trading: [●]]<sup>87</sup>

(Where documenting a fungible issue need to indicate if original Securities are already admitted to trading)

## 2. [Ratings]

Ratings: [The Securities to be issued [[have been]/[are expected to be]] rated [insert details] by [insert credit rating agency name(s)].]

[The Securities have not been rated.]

[Need to include a brief explanation of the meaning of the ratings if this has previously been published by the rating provider:

[●]

(The above disclosure should reflect the rating allocated to Securities of the type being issued under the Programme generally or, where the issue has been specifically rated, that rating.))]

**EITHER** [[Insert the legal name of the relevant CRA entity] is established in the European Union and is registered under Regulation (EC) No. 1060/2009 (as amended). [As such [insert the legal name of the relevant CRA entity] is included in the list of credit rating agencies published by the European Securities and Markets Authority on its website in accordance with such Regulation.]

**OR** [[Insert the legal name of the relevant non-EU CRA entity] is not established in the European Union and is not registered in accordance with Regulation (EC) No. 1060/2009 (as amended). [Insert the legal name of the relevant non-EU CRA entity] is therefore not included in the list of credit rating agencies published by the European Securities and Markets Authority on its website in accordance with such Regulation.]

**OR** [[Insert the legal name of the relevant non-EU CRA entity] is not established in the European Union and has not applied for registration under Regulation (EC) No. 1060/2009 (as amended) (the "**CRA Regulation**"). The ratings have been endorsed by [insert the legal name of the relevant EU-registered CRA entity] in accordance with the CRA Regulation. [Insert the legal name of the relevant EU CRA entity] is established in the European Union and registered under the CRA Regulation. [As such [insert the legal name of the relevant EU CRA entity] is included in the list of credit rating agencies published by the European Securities and Markets Authority on its website in accordance with the CRA Regulation].] The European Securities Markets Authority has indicated that ratings issued in [Japan/Australia/the USA/Canada/Hong Kong/Singapore/Argentina/Mexico/the United Kingdom (delete as appropriate)] which have been endorsed by [insert the legal name of the relevant EU CRA entity that applied for registration] may be used in the EU, by the relevant market participants.]

**OR** [[Insert the legal name of the relevant non-EU CRA entity] is not established in the European Union and has not applied for registration under Regulation (EC) No. 1060/2009

<sup>87</sup>

Delete if minimum Notional Amount is less than EUR 100,000 (or its equivalent in the relevant currency as of the Issue Date).

*(as amended) (the "**CRA Regulation**"), but it [is]/[has applied to be] certified in accordance with the CRA Regulation[ [ **EITHER:**] and it is included in the list of credit rating agencies published by the European Securities and Markets Authority on its website in accordance with the CRA Regulation] [ **OR:**] although notification of the corresponding certification decision has not yet been provided by the European Securities and Markets Authority and [insert the legal name of the relevant non-EU CRA entity] is not included in the list of credit rating agencies published by the European Securities and Markets Authority on its website in accordance with the CRA Regulation].]*

**OR** *[[Insert the legal name of the relevant CRA entity] is established in the European Union and has applied for registration under Regulation (EC) No. 1060/2009 (as amended), although notification of the corresponding registration decision has not yet been provided by the European Securities and Markets Authority [ and [insert the legal name of the relevant CRA entity] is not included in the list of credit rating agencies published by the European Securities and Markets Authority on its website in accordance with such Regulation].]*

**OR** *[[Insert the legal name of the relevant non-EU CRA entity] is not established in the European Union and has not applied for registration under Regulation (EC) No. 1060/2009 (as amended) (the "**CRA Regulation**"). However, the application for registration under the CRA Regulation of [insert the legal name of the relevant EU CRA entity that applied for registration], which is established in the European Union disclosed the intention to endorse credit ratings of [insert the legal name of the relevant non-EU CRA entity][, although notification of the corresponding registration decision has not yet been provided by the European Securities and Markets Authority and [insert the legal name of the relevant EU CRA entity] is not included in the list of credit rating agencies published by the European Securities and Markets Authority on its website in accordance with the CRA Regulation].] The European Securities Markets Authority has indicated that ratings issued in [Japan/Australia/the USA/Canada/Hong Kong/Singapore/Argentina/Mexico/the United Kingdom (delete as appropriate)] which have been endorsed by [insert the legal name of the relevant EU CRA entity that applied for registration] may be used in the EU the relevant market participants.]*

### 3. **[Interests of Natural and Legal Persons Involved in the [Issue/Offer]**

*[Need to include a description of any interest, including conflicting interest, that is material to the issue/offer, detailing the persons involved and the nature of the interest. May be satisfied by the inclusion of the following statement]:*

*"Save [for the fees [of [insert relevant fee disclosure]] payable to [insert name of Authorised Offeror] and] as discussed[ in the "Potential Conflicts of Interest" paragraph in the "Risks" section in the Base Prospectus], so far as the Issuer is aware, no person involved in the [issue/offer] of the Securities has an interest material to the [issue/offer]."*

*[When adding any other description, consideration should be given as to whether such matters described constitute "significant new factors" and consequently trigger the need for a supplement to the Base Prospectus under Article 23 of the Prospectus Regulation.]*

### 4. **[Reasons for the [Issue/Offer], Estimated Net Proceeds and Total Expenses]**

- (a) Reasons for the [See "Use of Proceeds" in the Base Prospectus]/[give details]  
[issue/offer]:

*(See "Use of Proceeds" wording in Base Prospectus. If reasons for [issue/offer] are different from what is disclosed in the Base Prospectus, give details.)*

(b) Estimated net proceeds: [Up to] [●]

*(If proceeds are intended for more than one use will need to split out and present in order of priority. If proceeds insufficient to fund all proposed uses state amount and sources of other funding.)*

(c) Estimated total expenses: [●] *[Include breakdown of expenses]*<sup>88</sup>

## 5. Performance of Underlying/Formula/Other Variable and Other Information concerning the Underlying Reference

*[Need to include details of where past and further performance and volatility of the index/formula/other variables can be obtained.]*

*[Where the underlying is an index need to include the name of the index and if the index is not composed by the Issuer need to include details of where the information about the index can be obtained]*

*[Where the underlying is an index composed by BNPP or a legal entity within the BNPP Group, include information as required by Annex 17 of Commission Delegated Regulation (EU) 2019/980 (and any additional information as permitted by Annex 28 of Commission Delegated Regulation (EU) 2019/980) in relation to any additional provisions relating to the relevant BNPP Index. In particular, include the name of the index, the index administrator and details of where the information about the index can be obtained. The index administrator must be registered in the register maintained by ESMA under Article 36 the EU Benchmarks Regulation and paragraph 15 (EU Benchmarks Regulation) below should be completed accordingly.]*

*[The Cinergy Code in respect of the [Custom Index][specify Custom Index] is [●]]*<sup>89</sup>

*[Where the underlying is a security need to include the name of the issuer of the security and the ISIN (International Security Identification Number) or other such security identification code]*

*[Where Securities are Italian Certificates include Cash Settlement Amount yield scenarios, i.e. positive scenario, intermediate scenario and worst case scenario; include back testing simulation; and include the source of all third party information]*<sup>90</sup>

*[The Certificates relate to the Series [●] Preference shares of the BNP Paribas Synergy Limited relating to [insert reference asset].*

The performance of the Preference Shares depends on the performance of the relevant underlying asset(s) or basis of reference to which the Preference Shares are linked (the "**Preference Share Underlying**"). The Preference Share Underlying is *[insert reference asset]*. Information on the Preference Share Underlying (including past and further performance and volatility) is published on Reuters page [●].

The Preference Share Value will be published on [each] Business Day on [Reuters] page [●].<sup>91</sup>

<sup>88</sup> Not required for debt securities with a denomination per unit of at least EUR 100,000 (or its equivalent in the relevant currency as of the Issue Date).

<sup>89</sup> Include for Securities linked to one or more indices composed by BNPP or a legal entity within the BNPP Group. Repeat as required.

<sup>90</sup> Additional consideration should be given to disclosure in the case of U.S. Certificates.

<sup>91</sup> Include for Preference Share Certificates.

## FORM OF FINAL TERMS FOR CERTIFICATES

[Insert where the Securities reference SOFR: The Issuer is not affiliated with the Federal Reserve Bank of New York. The Federal Reserve Bank of New York does not sanction, endorse or recommend any products or services offered by the Issuer.]

The Issuer [intends to provide post-issuance information [specify what information will be reported and where it can be obtained]] [does not intend to provide post-issuance information].

### 6. Operational Information

Relevant Clearing System(s): [Euroclear and Clearstream, Luxembourg/DTC/Euroclear France/Iberclear/Euroclear UK & Ireland/Euroclear Sweden/Euroclear Finland/Monte Titoli/Clearstream, Frankfurt/VP Denmark/Norwegian Central Securities Depository (*Verdipapirsentralen* ASA)/Polish Clearing System (KDPW CCP S.A.) to which the Polish National Depository for Securities (*Krajowy Depozyt Papierów Wartościowych S.A.*) has delegated transaction clearing/other]

[if Iberclear add: [Insert relevant entity] will act as link entity (*Entidad de Enlace*)/Paying Agent (*Entidad de Pago*)/Depository Entity (*Entidad Depositaria*)/Liquidity Entity (*Entidad Especialista*)]

[if CDIs add: The Securities will be accepted for settlement in Euroclear UK and Ireland (CREST) via the CREST Depository Interest (CDI) mechanism]

[N.B. Ensure all relevant entities have been appointed and formalities complied with in accordance with the rules and regulations of the relevant clearing system]

If other than Euroclear Bank S.A./N.V., Clearstream Banking, S.A., Euroclear France, [Iberclear], [Monte Titoli/Clearstream, Frankfurt] include the relevant identification number(s) [and in the case of Swedish Dematerialised Securities, the Swedish Security Agent] [and in the case of Danish Dematerialised Securities, the Danish Security Agent] [and in the case of Finnish Dematerialised Securities, the Finnish Security Agent] [and in the case of Norwegian Dematerialised Securities, the Norwegian Security Agent] [and in the case of CREST Dematerialised Securities, the Euroclear Registrar]: [Identification number(s):]

[N.B. Ensure all relevant entities have been appointed and formalities complied with in accordance with the rules and regulations of the relevant clearing system]

## FORM OF FINAL TERMS FOR CERTIFICATES

[Swedish Security Agent:

[Nordea Bank Abp, Swedish Branch/*other*]

Address: [        ]]

[Contact details of the Finnish Security Agent will be included in the applicable Final Terms.]

[Contact details of the Danish Security Agent will be included in the applicable Final Terms.]

[Norwegian Security Agent:

[Nordea Bank AB (Publ), Filial i Norge/*other*]

Address: [        ]]

[Contact details of the Euroclear Registrar will be included in the applicable Final Terms]

### 7. [Terms and Conditions of the Non-exempt Offer

[Offer Price:]

[Issue Price/Not applicable/*specify*]

[Conditions to which the offer is subject:]

[Not applicable/*give details*]

[The Issuer will determine the final amount of Securities issued up to a limit of [●]. The final amount that are issued on [●] will be [listed/admitted to trading] on the [Official List of [the professional segment of] the Luxembourg Stock Exchange/Euronext Paris/[the XMLI Segment of] Euronext Access Paris/Euronext Brussels/SeDeX MTF/EuroTLX/stock exchange of [Madrid/Barcelona/Valencia/Bilbao]/[*specify other exchange*]]. Securities will be allotted subject to availability in the order of receipt of investors' applications. The final amount of the Securities issued will be determined by the Issuer in light of prevailing market conditions, and depending on the number of Securities which have been agreed to be purchased as of [●].]

[The Issuer undertakes to file the application for the Certificates to be admitted to trading on [the SeDeX MTF/the EuroTLX/*specify other trading venue*] in time for the approval for admission to be granted before the Issue Date. The effectiveness of the offer is subject to the issue of the resolution for the admission to trading of the Certificates on [the SeDeX MTF/the

## FORM OF FINAL TERMS FOR CERTIFICATES

EuroTLX/specify other trading venue] in advance of the Issue Date.]

[Description of the application process:]

[Not applicable/give details]

[Details of the minimum and/or maximum amount of the application:]

[Not applicable/give details]

[Description of possibility to reduce subscriptions and manner for refunding amounts paid in excess by applicants:]

[Not applicable/give details]

[Details of the method and time limits for paying up and delivering the Securities:]

[Not applicable/give details]

[Manner in and date on which results of the offer are to be made public:]

[Not applicable/give details]

[Procedure for exercise of any right of pre-emption, negotiability of subscription rights and treatment of subscription rights not exercised:]

[Not applicable/give details]

[Process for notification to applicants of the amount allotted and indication whether dealing may begin before notification is made:]

[Not applicable/give details]

[Amount of any expenses and taxes charged to the subscriber or purchaser:]<sup>92</sup>

[Not applicable/give details]<sup>93</sup> [repeat as necessary or insert necessary information in a table]

[Series Number	Issue Price per Security	Expenses <sup>93</sup> included in the Issue Price
[●]	[●]	[●]

### 8. [Intermediaries with a firm commitment to act

[Name and address of the entities which have a firm commitment to act as intermediaries in secondary trading, providing liquidity through bid and offer rates and a description of the main terms of their commitment:]

[None/give details (such as the maximum bid/offer spread of the offer price and the minimum unit amount per order)]]

### 9. [Placing and Underwriting

[Name(s) and address(es), to the extent known to the Issuer, of the placers in the various countries where the offer takes place:

[The Authorised Offerors identified in Paragraph 47 of Part A and identifiable from the Base Prospectus/None/give details]

<sup>92</sup> If the Issuer is subject to MiFID II and/or PRIIPs such that it is required to disclose information relating to costs and charges include that information.

<sup>93</sup> If the applicable Final Payout is an ETS Payout and, if required, indicate that estimates of the gross entry costs required to be disclosed pursuant to MiFID II will be calculated on the business day immediately preceding the Issue Date.



Name and address of the co-ordinator(s) of the global offer and of single parts of the offer: ☐

Name and address of any paying agents and depository agents in each country (in addition to the Principal Security Agent): ☐

Entities agreeing to underwrite the issue on a firm commitment basis, and entities agreeing to place the issue without a firm commitment or under "best efforts" arrangements<sup>94</sup>. ☐

When the underwriting agreement has been or will be reached: ☐

**10. [Yield]**

*[Fixed Rate Certificates only]*

*[An indication of yield. Describe the method whereby that yield is calculated in summary form.]*

**11. [Performance of Rates]**

*[Details of the performance of [EURIBOR/STIBOR/SONIA/SOFR/€STR/SARON/TONA/other rate as specified in the Conditions] rates can be obtained, [but not] free of charge, from [Reuters/Bloomberg/give details of electronic means of obtaining the details of performance]./[Not applicable]]*

**12. [Description of Collateral Assets]**

Assets meeting the criteria in the table set out below under the headings "Eligible Collateral" and "Other information" shall constitute Collateral Assets:]

	<i>Eligible Collateral</i> <sup>96</sup>	<i>Other information</i>
[(A)]	[A pool of] [D]/debt securities [issued and guaranteed by [ ] with a minimum eligible rating of [specify] whose issuer or guarantor must be incorporated in [specify] and which must be traded on [specify relevant regulated markets]	
[(B)]	A pool of equity securities with a minimum eligible rating of [specify] the issuer or guarantor of which must be incorporated in [specify] and which must be traded on [specify relevant regulated markets]	
[(C)]	A pool of shares, units or interests in Collective Investment Schemes the issuer of which must be	

<sup>94</sup> Where not all of the issue is underwritten, a statement of the portion not covered.

<sup>95</sup> See "Risk Factors relating to Securities – Potential Conflicts of Interest" in the Base Prospectus for further information.

<sup>96</sup> Delete as applicable and if details are provided in paragraph 49 of Part A.

## FORM OF FINAL TERMS FOR CERTIFICATES

	incorporated in <i>[specify]</i> , the regulatory authority of which must be <i>[specify]</i> and which have minimum assets under management of <i>[specify]</i>	
[(D)]	Cash deposit denominated in <i>[specify currency]</i> (the "Eligible Currency")	
[(E)]	<i>[Specify details of other Collateral Assets where applicable]</i>	

### 13. Buy-back Provisions

[Applicable/Not applicable]

*(N.B. Only applicable in relation to French law governed Certificates)*

*(If not applicable, delete the remaining sub-paragraphs of this paragraph)*

(a) Minimum Size:

[●/ Not applicable]

(b) Maximum Size:

[●/ Not applicable]

(c) Buy-back Settlement Date:

*[specify]*

(d) Contact details of BNP Paribas Arbitrage S.N.C.:

*[specify contact details if different than those included in Section 17 of the General Information section of the Base Prospectus]*

(e) Formula applicable for calculating the Purchase Price:

*(Insert the formula set out in Section 17 of the General Information section of the Base Prospectus or insert any other applicable formula, in each case together with all related definitions and other applicable provisions)*

### 14. Description of Charged Assets<sup>97</sup>

(i) Charged Asset Structure:

[Charged Asset Structure 1[A]/[B]]/[Charged Asset Structure 2[A]/[B]/[C]/[D]]/[Charged Asset Structure 3[A]/[B]]/[Charged Asset Structure 4[A]/[B]/[C]/[D]]/[Charged Asset Structure 5[A]/[B]]/[Charged Asset Structure 6[A]/[B]]/[Charged Asset Structure 7[A]/[B]/[C]/[D]] is applicable.

(ii) Amount of the Specified Reference Collateral Assets:

[Collateralisation Nominal Amount] *[Specify if other]*

<sup>97</sup>

Insert where Part C or Part D of Annex 13 is applicable.

## FORM OF FINAL TERMS FOR CERTIFICATES

- (iii) Credit Support Structure: [Credit Support Structure 1]/[Credit Support Structure 2]/[Credit Support Structure 3]/[Credit Support Structure 4]/ is/are applicable] [Not applicable]
- Complete applicable items below:*
- Variable Information:
- Credit Support Valuation Agent:[Swap Counterparty]  
[specify]/delete if not applicable].
- Margin Delivery Date: [specify]/delete if not applicable].
- Minimum Transfer Amount: [specify]/delete if not applicable].
- Over Collateralisation Level:[specify if other than 100%; otherwise delete]
- Repo Transaction Valuation Date: [specify]/delete if not applicable].
- Support Percentage: [specify]/delete if not applicable].
- Swap Agreement Valuation Date: [specify]/delete if not applicable].
- Value: [specify if other than market value; otherwise delete]
- Swap Counterparty Collateral: [specify (including valuation percentages, where applicable)]
- Issuer Posted Collateral: [specify (including valuation percentages, where applicable)/delete if not applicable]
- Non-Posting Period: [specify period and, where applicable, to which party the period applies/delete if not applicable]
- (iv) Collateral Exchange Structure: [Collateral Exchange Structure 1]/[Collateral Exchange Structure 2]/[Collateral Exchange Structure 3][ is applicable] [Not applicable]
- Variable Information:
- Complete applicable items below:*
- Scheduled Exchange End Date: [specify]
- Margin Delivery Date: [specify]/delete if not applicable].
- Minimum Transfer Amount: [specify]/delete if not applicable].

## FORM OF FINAL TERMS FOR CERTIFICATES

Exchange Value: *[specify if amounts in addition to Value of Received Collateral is applicable]*

Exchange Margin Calculation Value: *[specify if amounts in addition to Value of Received Collateral is applicable]*

Exchange Transaction Valuation Date: *[specify]/delete if not applicable*.

[Counterparty Net Payments is applicable] *(Delete if not applicable)*

- (v) Loan to value ratio or level of collateralisation of the Specified Reference Collateral Assets:

*[specify]* [On any day, the level of collateralisation is equal to an amount of Reference Collateral Assets equal to the RCA Nominal Amount on such day (converted into the Settlement Currency on such day at the applicable spot foreign exchange rate) divided by the aggregate Notional Amount of the Certificates on such day, expressed as a percentage.][*Insert where Reference Collateral Currency applicable to the relevant Reference Collateral Assets is different to Settlement Currency of the Securities*]

- (vi) Where the Charged Assets comprise obligations of 5 or fewer obligors which are legal persons or where an obligor accounts for 20% or more of the Charged Assets, or where an obligor accounts for a material portion of the Charged Assets:

[Applicable / Not applicable]

For the purposes of Charged Asset Structure [1][2][3][4][5][6][7]:

[the counterparty to the Swap Agreement is [BNP Paribas] (the "**Swap Counterparty**").]

[the counterparty to the Collateral Exchange Agreement is: *[specify]* (the "**Collateral Exchange Counterparty**").]

[the counterparty to the Repurchase Agreement is *[specify]* (the "**Repo Counterparty**").]

[the issuer of Reference Collateral Assets (is *[specify]*) (the "**RCA Issuer**").]

[Where an obligor has securities already admitted to trading on a regulated or equivalent market or the obligations are guaranteed by an entity admitted to trading on a regulated or equivalent market, insert the name, address, country of incorporation, nature of business and name of the market *in which its securities are admitted* so far as the Issuer is aware and/or is able to ascertain from information published by the obligor(s)]

- (vii) Any relationship that is material to the issue between the Issuer, guarantor (if

*[Applicable / Not applicable]*

## FORM OF FINAL TERMS FOR CERTIFICATES

- |   |   |
|---|---|
| applicable) and obligor under the Charged Assets:   | <p><i>[If applicable, provide details of the principal terms of that relationship]</i></p> <p><i>[specify][which is the [insert capacity/capacities] under the Securities]</i></p>  |
| (viii) Charged Assets comprising obligations that are not admitted to trading on a regulated or equivalent market:  | <p>[Applicable / Not applicable]</p> <p>[See paragraph entitled "Where the Charged Assets comprise obligations of 5 or fewer obligors which are legal persons or where an obligor accounts for 20% or more of the Charged Assets, or where an obligor accounts for a material portion of the Charged Assets" above where the applicable Charged Asset Structure is specified]</p>   |
| (ix) Charged Assets comprising obligations that are admitted to trading on a regulated or equivalent market:  | <p>[Applicable / Not applicable]</p> <p><i>[If applicable, indicate the following:</i></p> <ul style="list-style-type: none"> <li>(a) a description of the securities;</li> <li>(b) a description of the market on which they are traded including its date of establishment, how price information is published, an indication of daily trading volumes, information as to the standing of the market in the country and the name of the market's regulatory authority;</li> <li>(c) the frequency with which prices of the relevant securities are published.]</li> </ul> <p><i>(Complete in conjunction with relevant provisions above)</i></p> <p>[See paragraph entitled "Where the Charged Assets comprise obligations of 5 or fewer obligors which are legal persons or where an obligor accounts for 20% or more of the Charged Assets, or where an obligor accounts for a material portion of the Charged Assets" above]</p> |
| (x) Names, addresses and significant business activities of the originators of the Collateral Assets:   | <p>[Applicable / Not applicable]</p> <p><i>[If applicable, provide details]</i></p>   |
| (xi) Name, address and significant business activities of the Calculation Agent, together with a summary of the Calculation Agent's responsibilities, its relationship with the originator or the creator of the assets forming the Charged Assets: | <p><i>[Specify]</i></p>   |

## FORM OF FINAL TERMS FOR CERTIFICATES

- |        |  |   |
|--------|--|---|
| (xii)  | Names and addresses and brief description of the banks with which the main accounts relating to the series are held: | [Specify details of Collateral Custodian, where applicable] [Not applicable]  |
| (xiii) | Information concerning the Charged Assets reproduced from a source published by a third party:                       | [Applicable / Not applicable]<br><br><i>[If applicable: So far as the Issuer is aware and is able to ascertain from information published by [specify], no facts have been omitted which would render the reproduced information misleading.]</i> |
| (xiv)  | Legal jurisdiction by which the Charged Assets are governed:   | [Insert jurisdiction(s)]  |
| (xv)   | Details of where Collateral Exchange Agreement can be inspected:   | [Specify] [Not applicable]  |
| (xvi)  | Swap Maturity Date:  | [The [Scheduled] Redemption Date/specify other]   |
| (xvii) | Expiry or maturity date(s) of the other Charged Assets:  | [The [Scheduled] Redemption Date/specify other]   |

### 15. [EU Benchmarks Regulation]

- |  |  |
|--|--|
| EU Benchmarks Regulation: Article 29(2) statement on benchmarks: | <p>[Applicable: Amounts payable under the Securities are calculated by reference to <i>[[insert name[s] of Benchmark[s]]/[the [relevant] Benchmark], which [is/are] provided by [[insert name[s] of the Administrator[s]]/[the [relevant] Administrator][, as specified in the table below] (if more than one, specify in relation to each relevant Benchmark)]</i>.</p> <p><i>[As at the date of these Final Terms, <i>[[insert name[s] of the Administrator[s]] / [the [relevant] Administrator[s]]</i> [is/are] not included]/[is/are] included][, as the case may be,] in the register of Administrators and Benchmarks established and maintained by the European Securities and Markets Authority ["ESMA"] pursuant to article 36 of the Benchmarks Regulation (Regulation (EU) 2016/1011) [(the "BMR")], as specified in the table below].</i></p> <p><i>[As far as the Issuer is aware, <i>[[insert name of Benchmark[s]]/[the [relevant] Benchmark] [does/do] not fall within the scope of the BMR by virtue of Article 2 of the BMR.]/[the transitional provisions in Article 51 of the BMR apply, such that the [relevant] Administrator is not currently required to obtain authorisation/registration[, as specified in the table below].] [repeat as necessary or insert necessary information in a table below]</i></i></p> |
|--|--|

## FORM OF FINAL TERMS FOR CERTIFICATES

[Benchmark	Administrator	Register	Other Information
[●]	[●]	[●]	[●]

[Not applicable]]

### 16. [MiFID II Product Governance/Target Market Assessment

Solely for the purposes of [the/each] manufacturer's product approval process, the target market assessment in respect of the Securities, taking into account the five categories in item 18 of the Guidelines published by [the European Securities and Markets Authority]/[ESMA] on 5 February 2018, has led to the conclusion that: (i) the target market for the Securities is eligible counterparties[, and] professional clients [and retail clients], each as defined in [Directive 2014/65/EU (as amended, "**MiFID II**")][MiFID II]; [and (ii) all channels for distribution of the Securities are appropriate[, including investment advice, portfolio management, non-advised sales and pure execution services]]/[(ii) all channels for distribution to eligible counterparties and professional clients are appropriate; and (iii) the following channels for distribution of the Securities to retail clients are appropriate – [investment advice][, and] [portfolio management][, and] [non-advised sales][and pure execution services][, subject to the distributor's suitability and appropriateness obligations under MiFID II, as applicable]]. [*Consider any negative target market*]. Any person subsequently offering, selling or recommending the Securities (a "**distributor**") should take into consideration the manufacturer['s/s'] target market assessment; however, a distributor subject to MiFID II is responsible for undertaking its own target market assessment in respect of the Securities (by either adopting or refining the manufacturer['s/s'] target market assessment) and determining appropriate distribution channels[, subject to the distributor's suitability and appropriateness obligations under MiFID II, as applicable]].]

17. [UK MiFIR product governance/target market assessment] Solely for the purposes of [the/each] manufacturer's product approval process, the target market assessment in respect of the Securities, taking into account the five categories in item 18 of the Guidelines published by [the European Securities and Markets Authority]/[ESMA] on 5 February 2018 (in accordance with the FCA's policy statement entitled "*Brexit our approach to EU non-legislative materials*"), has led to the conclusion that: (i) the target market for the Securities is eligible counterparties, as defined in the FCA Handbook Conduct of Business Sourcebook ("**COBS**")[, and] professional clients, as defined in Regulation (EU) No 600/2014 as it forms part of domestic law by virtue of the EUWA ("**UK MiFIR**") [and retail clients, as defined in point (8) of Article 2 of Regulation (EU) No 2017/565 as it forms part of domestic law by virtue of the European Union (Withdrawal) Act 2018 ("**EUWA**")]; [and (ii) all channels for distribution of the Securities are appropriate[, including investment advice, portfolio management, non-advised sales and pure execution services]]/[(ii) all channels for distribution to eligible counterparties and professional clients are appropriate; and (iii) the following channels for distribution of the Securities to retail clients are appropriate – [investment advice][,/ and] [portfolio management][,/ and][ non-advised sales ][and pure execution services][, subject to the distributor's suitability and appropriateness obligations under COBS, as applicable]]. [*Consider any negative target market*]. Any person subsequently offering, selling or recommending the Securities (a "**distributor**") should take into consideration the manufacturer['s/s'] target market assessment; however, a distributor subject to the FCA Handbook Product Intervention and Product Governance Sourcebook (the "**UK MiFIR Product Governance Rules**") is responsible for undertaking its own target market assessment in respect of the Securities (by either adopting or refining the manufacturer['s/s'] target market assessment) and determining appropriate distribution channels[, subject to the distributor's suitability and appropriateness obligations under COBS, as applicable]].]



**[APPENDIX – ACTIVELY MANAGED SECURITIES]****[1. Initial Reference Portfolio]**

*[Insert the information required, as set out in item 51(b).]*

**2.] Custom Index List**

*[If the Securities are Actively Managed Securities, insert list of Custom Indices per the Basket Allocation Agency Agreement. Note that each Custom Index must be included in one of the Index Families as set out in the section of the Base Prospectus entitled "Description of BNPP Indices". This appendix must include information as required by Annex 17 of Commission Delegated Regulation (EU) 2019/980 (and any additional information as permitted by Annex 28 of Commission Delegated Regulation (EU) 2019/980) in relation to any additional provisions relating to the relevant BNPP Index. In particular, include the name of the index, the index administrator, details of where the information about the index can be obtained, the Cinergy Code and the  $RF_k$  in respect of each Custom Index:*

<b>Custom Index</b>	<b>Index Administrator</b>	<b>Details of where information about the Index can be obtained</b>	<b>Cinergy Code</b>	<b><math>RF_k</math></b>
[●]	[●]	[●]	[●]	[●]]]

**ANNEX [A] – EXHIBIT FOR CREDIT SECURITIES**

[●]

**FORM OF FINAL TERMS FOR CERTIFICATES**

**ANNEX [B] – ISSUE SPECIFIC SUMMARY**

*[If required, append summary of the Securities]*

## TERMS AND CONDITIONS OF THE SECURITIES

### TERMS AND CONDITIONS OF THE SECURITIES

#### CONTENTS

1.	Definitions .....	355
2.	Type, Title and Transfer .....	373
3.	Status of the Securities and Guarantee .....	383
4.	Guarantee .....	384
5.	General Provisions relating to Settlement in respect of Securities.....	385
6.	General .....	388
7.	Illegality and Force Majeure .....	389
8.	Purchases .....	390
9.	Security Agents, Registrar, Determinations, Meetings Provisions and Modifications .....	390
10.	Notices .....	402
11.	Expenses and Taxation .....	404
12.	Further Issues .....	406
13.	Substitution of the Issuer or the Guarantor .....	406
14.	Governing Law and Submission to Jurisdiction .....	409
15.	Additional Disruption Events and Optional Additional Disruption Events .....	410
16.	Knock-in Event and Knock-out Event .....	417
17.	Adjustments for European Monetary Union .....	423
18.	Contracts (Rights of Third Parties) Act 1999 .....	424
19.	This section is intentionally left blank. ....	424
20.	This section is intentionally left blank. ....	424
21.	This section is intentionally left blank. ....	424
22.	This section is intentionally left blank. ....	424
23.	This section is intentionally left blank. ....	424
24.	This section is intentionally left blank. ....	424
25.	This section is intentionally left blank. ....	424
26.	This section is intentionally left blank. ....	424
27.	This section is intentionally left blank. ....	424
28.	certain definitions relating to exercise, valuation and redemption.....	424
29.	Form of Securities.....	433
30.	Type .....	436
31.	Title and Transfer of Registered Certificates .....	436
32.	Interest .....	437
33.	Premium Amount.....	480
34.	Redemption and Exercise .....	482
35.	Payments and Physical Delivery .....	503
36.	Prescription .....	518
37.	Recognition of Bail-in and Loss Absorption .....	518

*The following is the text of the Terms and Conditions of the Securities which will include the additional terms and conditions contained in Annex 1 in relation to the payouts for Securities, the additional terms and conditions contained in Annex 2 in the case of Index Securities, the additional terms and conditions contained in Annex 3 in the case of Share Securities, the additional terms and conditions contained in Annex 4 in the case of ETI Securities, the additional terms and conditions contained in Annex 5 in the case of Debt Securities, the additional terms and conditions contained in Annex 6 in the case of Commodity Securities, the additional terms and conditions contained in Annex 7 in the case of Inflation Index Securities, the additional terms and conditions contained in Annex 8 in the case of Currency Securities, the additional terms and conditions contained in Annex 9 in the case of Fund Securities, the*

## TERMS AND CONDITIONS OF THE SECURITIES

*additional terms and conditions contained in Annex 10 in the case of Futures Securities, the additional terms and conditions contained in Annex 11 in the case of Underlying Interest Rate Securities, the additional terms and conditions contained in Annex 12 in the case of Credit Securities, the additional terms and conditions contained in Annex 13 in the case of Secured Securities, the additional terms and conditions contained in Annex 14 in the case of Preference Share Certificates, the additional terms and conditions contained in Annex 15 in the case of OET Certificates and the additional terms and conditions contained in Annex 16 in the case of Actively Managed Securities (each, an "Annex" and, together the "Annexes") (the "Terms and Conditions") which, in the case of English Law Securities (as defined in Condition 1 below), will be incorporated by reference into each Clearing System Global Security, Private Placement Definitive Security or Registered Global Security (each as defined below), or in the case of CREST Dematerialised Securities (as defined in Condition 1 below), Danish Dematerialised Securities or Italian Dematerialised Securities (as defined below) will apply to such Securities. In the case of English Law Securities (other than CREST Dematerialised Securities, Swedish Dematerialised Securities, Danish Dematerialised Securities, Finnish Dematerialised Securities, Norwegian Dematerialised Securities, Italian Dematerialised Securities, Swiss Dematerialised Securities or Polish Dematerialised Securities), the applicable Final Terms (or the relevant provisions thereof) will be attached to each Clearing System Global Security, Private Placement Definitive Security or Registered Global Security, as the case may be. In the case of CREST Dematerialised Securities, Swedish Dematerialised Securities, Finnish Dematerialised Securities, Danish Dematerialised Securities, Norwegian Dematerialised Securities, Italian Dematerialised Securities, Swiss Dematerialised Securities and Polish Dematerialised Securities, the applicable Final Terms in respect of such Securities will be available at the specified office of the relevant Issuer and at the office of the Euroclear Registrar, Swedish Security Agent, Danish Security Agent, Finnish Security Agent, Norwegian Security Agent, Italian Security Agent, Swiss Security Agent or Polish Security Agent, as applicable, in each case specified in the applicable Final Terms. The provisions in respect of Registered Securities and U.S. Securities (each as defined below) relate to English Law Securities only.*

For the purposes of Securities which are neither admitted to trading on (a) a regulated market in the European Economic Area or (b) a UK regulated market as defined in Regulation (EU) No 600/2014 as it forms part of domestic law by virtue of the European Union (Withdrawal) Act 2018, nor offered in (a) the European Economic Area or (b) the United Kingdom in circumstances where a prospectus is required to be published under the Prospectus Regulation or the Financial Services and Markets Act 2000, as the case may be ("**Exempt Securities**"), references in these Terms and Conditions to "Final Terms" shall be deemed to be references to "Final Terms for Exempt Securities". The expression "**Prospectus Regulation**" means Regulation (EU) 2017/1129.

The series of Securities described in the applicable Final Terms (in so far as it relates to such series of Securities) (such Securities being hereinafter referred to as the "**Securities**") are issued by whichever of BNP Paribas Issuance B.V. ("**BNPP B.V.**") or BNP Paribas ("**BNPP**") is specified as the Issuer in the applicable Final Terms (the "**Issuer**") and references to the Issuer shall be construed accordingly. The Securities are certificates ("**Certificates**"), and references in these Terms and Conditions to "Security", "Securities", "Certificate" and "Certificates" will be construed accordingly.

As used herein, "**Tranche**" means Securities which are identical in all respects (including as to listing and admission to trading) and "**Series**" means a Tranche of Securities together with any further Tranche or Tranches of Securities which (i) are expressed to be consolidated and form a single series and (ii) have the same terms and conditions or terms and conditions which are the same in all respects save for the Issue Date and Issue Price, the amount and date of the first payment of interest thereon (if any) and/or the date from which interest starts to accrue (if any), as applicable.

The Securities (other than CREST Dematerialised Securities) are issued pursuant to an Agency Agreement dated on or around 1 June 2022 (as amended and/or supplemented from time to time, the "**Agency Agreement**") between BNPP B.V. as issuer, BNPP as issuer, (where the Issuer is BNPP B.V.) as guarantor (in such capacity, the "**Guarantor**"), BNP Paribas Securities Services, Branch in Spain (which, from and including the Merger Date (as defined below), will be substituted with BNP Paribas S.A., Sucursal de España) Spanish agent (if specified in the applicable Final Terms as Agent in respect of the Securities, the "**Madrid Security Agent**"), BNP Paribas Securities Services, Luxembourg Branch (which, from and including the Merger Date, will be substituted with BNP Paribas, Succursale de Luxembourg) as principal agent (if

## TERMS AND CONDITIONS OF THE SECURITIES

specified in the applicable Final Terms as Agent in respect of the Securities, the "**Principal Security Agent**"), registrar (if specified in the applicable Final Terms as Registrar in respect of the Registered Securities) and collateral custodian, BNP Paribas Securities Services (which, from and including the Merger Date, will be substituted with BNP Paribas S.A.) or BNP Paribas Arbitrage S.N.C. (as specified in the applicable Final Terms as French issuing and paying agent, the "**French Security Agent**"), BNP Paribas Arbitrage S.N.C. as principal agent (if specified in the applicable Final Terms as Agent in respect of the Securities, the "**Principal Security Agent**") and collateral calculation agent. The Bank of New York Mellon as New York security agent (the "**New York Security Agent**"), The Bank of New York Mellon as definitive security agent (the "**Definitive Security Agent**"), BNP Paribas Securities Services, Milan Branch (which, from and including the Merger Date, will be substituted with BNP Paribas S.A., Succursale Italia) or BNP Paribas Arbitrage S.N.C. (as specified in the applicable Final Terms as Italian agent, the "**Italian Security Agent**"), BNP Paribas Securities Services, Frankfurt Branch (which, from and including the Merger Date, will be substituted with BNP Paribas S.A. Niederlassung Deutschland) as Frankfurt certificate agent (the "**Frankfurt Certificate Agent**"), BNP Paribas Securities Services, Paris, Succursale de Zurich (which, from and including the Merger Date, will be substituted with BNP Paribas, Paris, Zurich Branch) as Swiss issuing and paying agent, BNP Paribas Securities Services SKA Oddział w Polsce (which, from and including the Merger Date, will be substituted with BNP Paribas S.A. Branch in Poland) as Polish certificate agent (the "**Polish Security Agent**") (each a "**Security Agent**" and collectively, the "**Security Agents**") and BNP Paribas Securities (Japan) Limited as registrar (if specified in the applicable Final Terms as Registrar in respect of the Registered Securities, and, together with BNP Paribas Securities Services, Luxembourg Branch (which, from and including the Merger Date, will be substituted with BNP Paribas, Succursale de Luxembourg), each a "**Registrar**"), as supplemented in the case of Swedish Dematerialised Securities by (in the case of Swedish Dematerialised Securities issued by BNPP B.V.) an issuing and paying agency agreement dated 12 November 2020 (as amended and/or supplemented from time to time, the "**BNPP B.V. Swedish Agency Agreement**") between BNPP B.V. and Nordea Bank Abp, Swedish Branch (or any successor thereto) as Euroclear Sweden security agent (the "**Swedish Security Agent**") and (in the case of Swedish Dematerialised Securities issued by BNPP) an issuing and paying agency agreement dated 20 November 2020 (as amended and/or supplemented from time to time, the "**BNPP Swedish Agency Agreement**" and, together with the BNPP B.V. Swedish Agency Agreement, the "**Swedish Agency Agreements**" and each a "**Swedish Agency Agreement**") between BNPP and Nordea Bank Abp, Swedish Branch (or any successor thereto) as Euroclear Sweden security agent (the "**Swedish Security Agent**"), as supplemented in the case of Finnish Dematerialised Securities by an issuing and paying agency agreement dated 12 November 2020 (which may be amended and/or supplemented from time to time, the "**Finnish Agency Agreement**") between BNPP B.V. and Nordea Bank Abp (or any successor thereto) as Euroclear Finland security agent, (the "**Finnish Security Agent**"), as supplemented in the case of Danish Dematerialised Securities by an issuing and paying agency agreement, as amended and/or supplemented from time to time (the "**Danish Agency Agreement**") to be entered into between BNPP B.V. and the VP Denmark security agent appointed thereunder (the "**Danish Security Agent**") and as supplemented in the case of Norwegian Dematerialised Securities by an issuing and paying agency agreement dated on or around 5 June 2018 (as amended and/or supplemented from time to time, the "**Norwegian Agency Agreement**") between BNPP B.V., BNPP and Nordea Bank AB (Publ), Filial i Norge (or any successor thereto) as Norwegian Security Agent (the "**Norwegian Security Agent**"). The expression "Security Agent" shall include (i) in respect of Swedish Dematerialised Securities, the Swedish Security Agent, (ii) in respect of Finnish Dematerialised Securities, the Finnish Security Agent, (iii) in respect of Danish Dematerialised Securities, the Danish Security Agent and (iv) in respect of Norwegian Dematerialised Securities, the Norwegian Security Agent, and shall include any additional or successor security agent(s) in respect of the Securities.

BNPP and BNP Paribas Securities Services SCA are implementing an intragroup reorganisation pursuant to which BNPP, as the "absorbing entity", will merge with BNP Paribas Securities Services SCA, as the "absorbed entity", pursuant to the simplified merger regime (*fusion simplifiée*), which is governed by Articles L. 236-1 et seq. of the French Commercial Code (Code de commerce) (the "**Intragroup Merger**"). The Intragroup Merger will take effect on 1 October 2022 or such other date as shall be notified to the Holders in accordance with Condition 10 (the "**Merger Date**").

In relation to issues of CREST Dematerialised Securities (as defined below), BNPP B.V. has entered into an agreement dated 10 June 2016 (such agreement as amended and/or supplemented and/or restated from time to time, the "**Euroclear Agreement**") with Computershare Investor Services (Guernsey) Limited as registrar in respect of CREST Dematerialised

## TERMS AND CONDITIONS OF THE SECURITIES

Securities (the "**Euroclear Registrar**", which expression shall include any successor or additional Euroclear registrar appointed in respect of CREST Dematerialised Securities). CREST Dematerialised Securities may only be issued by BNPP B.V.

BNP Paribas or BNP Paribas Arbitrage S.N.C. (as specified in the applicable Final Terms) shall undertake the duties of calculation agent (the "**Calculation Agent**") in respect of the Securities as set out below and in the applicable Final Terms unless another entity is so specified as calculation agent in the applicable Final Terms. The expression "Calculation Agent" shall, in relation to the relevant Securities, include such other specified calculation agent.

The Agency Agreement will be governed by English Law in the case of English Law Securities (the "**English Law Agency Agreement**") and by French Law in the case of French Law Securities (the "**French Law Agency Agreement**"). The Euroclear Agreement will be governed by English Law. The Swedish Agency Agreements will be governed by Swedish Law. The Finnish Agency Agreement will be governed by Finnish Law. The Danish Agency Agreement will be governed by Danish Law. The Norwegian Agency Agreement will be governed by Norwegian Law.

The applicable Final Terms for the Securities supplements these Terms and Conditions for the purposes of the Securities. Except in the case of French Law Securities, Swedish Dematerialised Securities, Danish Dematerialised Securities, Finnish Dematerialised Securities, Norwegian Dematerialised Securities, Italian Dematerialised Securities, Swiss Dematerialised Securities, Polish Dematerialised Securities or CREST Dematerialised Securities, the applicable Final Terms for the Securities will be attached to each Global Security, each Private Placement Definitive Security and any Registered Certificates in definitive form.

References herein to the "applicable Final Terms" are to the Final Terms or two or more sets of Final Terms (in the case of any further Securities issued pursuant to Condition 12 and forming a single series with the Securities) (which, for the avoidance of doubt, may be issued in respect of more than one series of Securities) insofar as they relate to the Securities.

Subject as provided in Condition 4 and in the relevant Guarantee (as defined in Condition 1), where the Issuer is BNPP B.V., the obligations of BNPP B.V. with respect to physical delivery (if applicable) and/or the payment of amounts payable by BNPP B.V. are guaranteed by BNPP pursuant to the relevant BNPP Guarantee. The original of each Guarantee is held by BNP Paribas Securities Services, Luxembourg Branch (or, from and including the Merger Date, BNP Paribas, Succursale de Luxembourg) on behalf of the Holders at its specified office, provided that, as soon as practicable following the Merger Date, the executed Guarantees will be transferred to BNP Paribas, Succursale de Luxembourg and held on behalf of Holders at its specified office.

Copies of the Agency Agreement, the Guarantees and the applicable Final Terms may be (i) obtained from the specified office of the relevant Security Agent and the Registrar (in the case of Registered Securities) or (ii) provided by email to a Holder following their prior written request to the relevant Security Agent and the Registrar (in the case of Registered Securities) and provision of proof of holding and identity (in a form satisfactory to the relevant Security Agent and the Registrar (in the case of Registered Securities)), save that if the Securities are unlisted, the applicable Final Terms will only be obtainable by a Holder and such Holder must produce evidence satisfactory to the relevant Security Agent as to identity. Copies of the Euroclear Agreement, the English Law Guarantee and the applicable Final Terms may be (i) obtained from the specified office of the Euroclear Registrar or (ii) may be provided by email to a Holder following their prior written request to the Euroclear Registrar and provision of proof of holding and identity (in a form satisfactory to the Euroclear Registrar). Copies of the Swedish Agency Agreements and the BNPP English Law Guarantee will (i) be available for inspection or collection at the office of the Swedish Security Agent specified in the applicable Final Terms or (ii) may be provided by email to a Holder following their prior written request to the Swedish Security Agent and provision of proof of holding and identity (in a form satisfactory to the Swedish Security Agent). Copies of the Finnish Agency Agreement and the BNPP English Law Guarantee will (i) be available for inspection or collection at the office of the Finnish Security Agent specified in the applicable Final Terms or (ii) may be provided by email to a Holder following their prior written request to the Finnish Security Agent and provision of proof of holding and identity (in a form satisfactory to the Finnish Security Agent). Copies of the Danish Agency Agreement and the BNPP English Law Guarantee will (i) be available for inspection or collection at the office of the Danish Security Agent specified in the

## TERMS AND CONDITIONS OF THE SECURITIES

applicable Final Terms or (ii) may be provided by email to a Holder following their prior written request to the Danish Security Agent and provision of proof of holding and identity (in a form satisfactory to the Danish Security Agent). Copies of the Norwegian Agency Agreement and the BNPP English Law Guarantee will (i) be available for inspection or collection at the office of the Norwegian Security Agent specified in the applicable Final Terms or (ii) may be provided by email to a Holder following their prior written request to the Norwegian Security Agent and provision of proof of holding and identity (in a form satisfactory to the Norwegian Security Agent).

Words and expressions defined in the Agency Agreement or used in the applicable Final Terms shall have the same meanings where used in these Terms and Conditions unless the context otherwise requires or unless otherwise stated.

The Holders are entitled to the benefit of and are deemed to have notice of and are bound by all the provisions of the Agency Agreement (insofar as they relate to the Securities) and the applicable Final Terms, which are binding on them.

### 1. DEFINITIONS

For the purposes of these Terms and Conditions, the following general definitions will apply:

"**Account Holder**" is as defined in Condition 2.2;

"**Actively Managed Securities**" is as defined in Condition 2.1;

"**Additional Disruption Event**" is as defined in Condition 15.1;

"**Adjustment Date**" is as defined in Condition 17(b);

"**Affected Component Security**" is as defined in Condition 1 under the definition of Strike Date and in Condition 28 under the definition of Valuation Date;

"**Affected Item**" is as defined in this Condition 1 under the definition of Strike Date and in Condition 28 under the definition of Valuation Date and Averaging Date;

"**Affected Relevant Assets**" is as defined in Condition 15.1;

"**Affected Share**" is as defined in Condition 15.2(d);

"**Affiliate**" means in relation to any entity (the "**First Entity**"), any entity controlled, directly or indirectly, by the First Entity, any entity that controls, directly or indirectly, the First Entity or any entity directly or indirectly under common control with the First Entity. For these purposes "**control**" means ownership of a majority of the voting power of an entity;

"**Agency Agreement**" is as defined in paragraph 4 of these Terms and Conditions;

"**AIs**" is as defined in Condition 29;

"**Alternate Cash Amount**" is as defined in Condition 5.4;

"**Annex**" is as defined in paragraph 1 of these Terms and Conditions;

"**Asset Transfer Notice**" is as defined in Condition 35.2(a)(i);

"**Automatic Early Redemption Amount**" is as defined in Condition 34.9(b);

"**Automatic Early Redemption Event**" is as defined in Condition 34.9(a) and 34.9(b);

"**Automatic Early Redemption Date**" is as defined in Condition 34.9(b);

"**Automatic Early Redemption Level**" is as defined in Condition 34.9(b);



## TERMS AND CONDITIONS OF THE SECURITIES

"**Automatic Early Redemption Valuation Date**" is as defined in Condition 34.9(b);

"**Averaging**" is as defined in Condition 30;

"**Averaging Date**" is as defined in Condition 28;

"**Basket Company**" is as defined in Condition 15.2(d);

"**Basket Price**" is as defined in Condition 34.9(b);

"**Basket of Underlying References**" is as defined in Condition 34.9(b);

"**BNPP**" is as defined in paragraph 3 of these Terms and Conditions;

"**BNPP B.V.**" is as defined in paragraph 3 of these Terms and Conditions;

"**BNPP English Law Guarantee**" means a deed of guarantee for unsecured Securities dated on or around 1 June 2022 executed by BNPP in respect of English Law Securities issued by BNPP B.V.;

"**BNPP French Law Guarantee**" means the French Law Guarantee for unsecured Securities, *garantie*, dated on or around 1 June 2022 executed by BNPP in respect of French Law Securities issued by BNPP B.V.;

"**BNPP Guarantee**" means (a) in the case of English Law Securities, the BNPP English Law Guarantee and (b) in the case of French Law Securities, the BNPP French Law Guarantee;

"**Business Day**" means (a) a day (other than a Saturday or Sunday) on which commercial banks are open for general business (including dealings in foreign exchange and foreign currency deposits) in the relevant Business Day Centre(s) (other than TARGET2 System) (b) if TARGET2 System is specified as a Business Day Centre in the applicable Final Terms, a day on which the Trans-European Automated Real-Time Gross Settlement Express Transfer (TARGET2) System (the "**TARGET2 System**") is open (a "**TARGET2 Settlement Day**") (c) for the purposes of making payments in CNY, a day on which commercial banks and foreign exchange markets settle payments and are open for general business (including dealing in foreign exchange and foreign currency deposits) in the CNY Settlement Centre(s) and (d) for the purposes of making payments in euro, any TARGET2 Settlement Day, and

- (i) where the Securities are Clearing System Securities, Registered Certificates or Italian Dematerialised Securities, a day on which the relevant Clearing System is open for business;
- (ii) where the Securities are Private Placement Definitive Securities, a day (other than a Saturday or a Sunday) on which commercial banks are open for general business (including dealings in foreign exchange and foreign currency deposits) in New York;
- (iii) where the Securities are Swedish Dematerialised Securities, a day (other than a Saturday or a Sunday) on which commercial banks are open for general business (including dealings in foreign exchange and foreign currency deposits) in Stockholm;
- (iv) where the Securities are Finnish Dematerialised Securities, a day (other than a Saturday or a Sunday) on which commercial banks are open for general business (including dealings in foreign exchange and foreign currency deposits) in Helsinki and on which Euroclear Finland and the relevant system in which the Finnish Dematerialised Securities are registered are open for business in accordance with the rules of Euroclear Finland;
- (v) where the Securities are Danish Dematerialised Securities, a day (other than a Saturday or a Sunday) on which commercial banks are open for general business (including dealings in foreign exchange and foreign currency deposits) in Copenhagen and on which VP Denmark and the relevant system in which

## TERMS AND CONDITIONS OF THE SECURITIES

the Danish Dematerialised Securities are registered are open for business in accordance with the rules of VP Denmark;

- (vi) where the Securities are Norwegian Dematerialised Securities, a day (other than a Saturday or a Sunday) on which commercial banks are open for general business (including dealings in foreign exchange and foreign currency deposits) in Oslo and on which VPS Norway and the relevant system in which the Norwegian Dematerialised Securities are registered are open for business in accordance with the rules of VPS Norway;
- (vii) where the Securities are Polish Dematerialised Securities, a day (other than a Saturday or a Sunday) on which commercial banks are open for general business (including dealings in foreign exchange and foreign currency deposits) in Warsaw and on which KDPW Poland and the relevant system in which the Polish Dematerialised Securities are registered are open for business in accordance with the KDPW Poland Rules; or
- (viii) where the Securities are CREST Dematerialised Securities, a day on which the Operator is open for business;

**"Calculated Additional Disruption Amount"** is as defined in Condition 15.2(b)(ii);

**"Calculated Additional Disruption Amount Determination Date"** is as defined in Condition 15.2(b)(ii);

**"Calculation Agent"** is as defined in paragraph 6 of these Terms and Conditions;

**"Calculation Period"** means each Interest Period, Premium Amount Period, AER Calculation Period or FR Calculation Period, Call Calculation Period or Put Calculation Period, as applicable;

**"Cancellation Event"** is as defined in Condition 15.1;

**"Cash Settled Certificates"** is as defined in Condition 30;

**"Cash Settled Exercisable Certificates"** is as defined in Condition 34.7(a);

**"Cash Settled Securities"** means Cash Settled Certificates;

**"Cash Settlement Amount"** is as defined in Condition 28;

**"CBF Certificates"** is as defined in Condition 29;

**"Certificates"** is as defined in paragraph 3 of these Terms and Conditions;

**"CFTC"** is as defined in Condition 2.1;

**"Change in Law"** is as defined in Condition 15.1;

**"Clearing System"** means Clearstream, Luxembourg and/or Euroclear and/or Euroclear France and/or Euroclear Sweden and/or Euroclear Finland and/or DTC and/or Iberclear and/or Monte Titoli and/or Clearstream, Frankfurt and/or VP Denmark and/or VPS Norway and/or KDPW Poland CCP and/or Euroclear UK & Ireland Limited ("**CREST**") and/or any additional or alternative clearing system approved by the Issuer and the relevant Security Agent(s) from time to time and specified in the applicable Final Terms;

**"Clearing System Certificates"** is as defined in Condition 29;

**"Clearing System Global Certificate"** is as defined in Condition 29;

## TERMS AND CONDITIONS OF THE SECURITIES

"**Clearing System Global Security**" means the Clearing System Global Certificate representing an issue of Certificates;

"**Clearing System Securities**" means Clearing System Certificates;

"**Clearstream, Frankfurt**" means Clearstream Banking AG, Frankfurt am Main;

"**Clearstream, Luxembourg**" is as defined in Condition 29;

"**Commodity Exchange Act**" is as defined in Condition 2.1;

"**Commodity OET Certificate**" means a Commodity Security that is an OET Certificate;

"**Commodity Securities**" is as defined in Condition 2.1;

"**Common Depositary**" is as defined in Condition 29;

"**Credit Securities**" is as defined in Condition 2.1;

"**CREST Dematerialised Certificates**" is as defined in Condition 28;

"**CREST Dematerialised Securities**" means CREST Dematerialised Certificates, provided that CREST Dematerialised Securities may only be issued by BNPP B.V.;

"**Currency Event**" is as defined in Condition 15.1;

"**Currency OET Certificate**" means a Currency Security that is an OET Certificate;

"**Currency Securities**" is as defined in Condition 2.1;

"**Custodian**" is as defined in Condition 29;

"**Cut-off Date**" is as defined in Condition 28;

"**Danish Agency Agreement**" is as defined in paragraph 4 of these Terms and Conditions;

"**Danish Dematerialised Certificates**" is as defined in Condition 28;

"**Danish Dematerialised Securities**" means Danish Dematerialised Certificates;

"**Danish Record Date**" is as defined in Condition 35.1;

"**Danish Securities Trading Act**" means Consolidated Act No. 813 of 12 June 2014 on Trading in Securities in the Kingdom of Denmark, as amended from time to time;

"**Danish Security Agent**" is as defined in paragraph 4 of these Terms and Conditions;

"**Day Count Fraction**" means, in respect of the calculation of a rate or an amount of interest for any Calculation Period if:

- (i) "**Actual/Actual (ICMA)**" is specified in the applicable Final Terms:
  - (A) in the case of Certificates where the number of days in the relevant period from (and including) the most recent Interest Period End Date (or, if none, the Interest Commencement Date) to (but excluding) the relevant payment date (the "**Accrual Period**") is equal to or shorter than the Determination Period during which the Accrual Period ends, the number of days in such Accrual Period divided by the product of (I) the number of days in such Determination Period

## TERMS AND CONDITIONS OF THE SECURITIES

and (II) the number of Determination Dates (as specified in the applicable Final Terms) that would occur in one calendar year; or

- (B) in the case of Certificates where the Accrual Period is longer than the Determination Period during which the Accrual Period ends, the sum of:
- (x) the number of days in such Accrual Period falling in the Determination Period in which the Accrual Period begins divided by the product of (a) the number of days in such Determination Period and (b) the number of Determination Dates (as specified in the applicable Final Terms) that would occur in one calendar year; and
  - (y) the number of days in such Accrual Period falling in the next Determination Period divided by the product of (a) the number of days in such Determination Period and (b) the number of Determination Dates that would occur in one calendar year;

**"Determination Date(s)"** means the date(s) specified in the applicable Final Terms;

**"Determination Period"** means each period from (and including) a Determination Date to but excluding the next Determination Date (including, where either the Interest Commencement Date or the Interest Period End Date is not a Determination Date, the period commencing on the first Determination Date prior to, and ending on the first Determination Date falling after, such date);

- (ii) if **"Actual/Actual (ISDA)"** or **"Actual/Actual"** is specified in the applicable Final Terms, the actual number of days in the Calculation Period divided by 365 (or, if any portion of that Calculation Period falls in a leap year, the sum of (1) the actual number of days in that portion of the Calculation Period falling in a leap year divided by 366 and (2) the actual number of days in that portion of the Calculation Period falling in a non-leap year divided by 365);
- (iii) if **"Actual/365 (Fixed)"** is specified in the applicable Final Terms, the actual number of days in the Calculation Period divided by 365;
- (iv) if **"Actual/365 (sterling)"** is specified in the applicable Final Terms, the actual number of days in the Calculation Period divided by 365 or, in the case of a Calculation Period ending in a leap year, 366;
- (v) if **"Actual/360"** is specified in the applicable Final Terms, the actual number of days in the Calculation Period divided by 360;
- (vi) if **"30/360"**, **"360/360"** or **"Bond Basis"** is specified in the applicable Final Terms, the number of days in the Calculation Period divided by 360, calculated on a formula basis as follows:

$$\text{Day Count Fraction} = \frac{[360 \times (Y_2 - Y_1)] + [30 \times (M_2 - M_1)] + (D_2 - D_1)}{360}$$

where:

"Y<sub>1</sub>" is the year, expressed as a number, in which the first day of the Calculation Period falls;

"Y<sub>2</sub>" is the year, expressed as a number, in which the day immediately following the last day of the Calculation Period falls;

"M<sub>1</sub>" is the calendar month, expressed as a number, in which the first day of the Calculation Period falls;

"M<sub>2</sub>" is the calendar month, expressed as a number, in which the day immediately following the last day of the Calculation Period falls;

## TERMS AND CONDITIONS OF THE SECURITIES

"D<sub>1</sub>" is the first calendar day, expressed as a number, of the Calculation Period, unless such number is 31, in which case D<sub>1</sub> will be 30; and

"D<sub>2</sub>" is the calendar day, expressed as a number, immediately following the last day included in the Calculation Period, unless such number would be 31 and D<sub>1</sub> is greater than 29, in which case D<sub>2</sub> will be 30;

- (vii) if "**30E/360**" or "**Eurobond Basis**" is specified in the applicable Final Terms, the number of days in the Calculation Period divided by 360, calculated on a formula basis as follows:

$$\text{Day Count Fraction} = \frac{[360 \times (Y_2 - Y_1)] + [30 \times (M_2 - M_1)] + (D_2 - D_1)}{360}$$

where:

"Y<sub>1</sub>" is the year, expressed as a number, in which the first day of the Calculation Period falls;

"Y<sub>2</sub>" is the year, expressed as a number, in which the day immediately following the last day of the Calculation Period falls;

"M<sub>1</sub>" is the calendar month, expressed as a number, in which the first day of the Calculation Period falls;

"M<sub>2</sub>" is the calendar month, expressed as a number, in which the day immediately following the last day of the Calculation Period falls;

"D<sub>1</sub>" is the first calendar day, expressed as a number, of the Calculation Period, unless such number would be 31, in which case D<sub>1</sub> will be 30; and

"D<sub>2</sub>" is the calendar day, expressed as a number, immediately following the last day included in the Calculation Period, unless such number would be 31, in which case D<sub>2</sub> will be 30;

- (viii) if "**30E/360 (ISDA)**" is specified in the applicable Final Terms, the number of days in the Calculation Period divided by 360, calculated on a formula basis as follows:

$$\text{Day Count Fraction} = \frac{[360 \times (Y_2 - Y_1)] + [30 \times (M_2 - M_1)] + (D_2 - D_1)}{360}$$

where:

"Y<sub>1</sub>" is the year, expressed as a number, in which the first day of the Calculation Period falls;

"Y<sub>2</sub>" is the year, expressed as a number, in which the day immediately following the last day of the Calculation Period falls;

"M<sub>1</sub>" is the calendar month, expressed as a number, in which the first day of the Calculation Period falls;

"M<sub>2</sub>" is the calendar month, expressed as a number, in which the day immediately following the last day of the Calculation Period falls;

"D<sub>1</sub>" is the first calendar day, expressed as a number, of the Calculation Period, unless (A) that day is the last day of February or (B) such number would be 31, in which case D<sub>1</sub> will be 30; and

## TERMS AND CONDITIONS OF THE SECURITIES

"D<sub>2</sub>" is the calendar day, expressed as a number, immediately following the last day included in the Calculation Period, unless (A) that day is the last day of February but not the redemption date or (B) such number would be 31, in which case D<sub>2</sub> will be 30.

Notwithstanding the foregoing, where the applicable Final Terms specifies that the relevant Day Count Fraction is "unadjusted", the Calculation Period and the Interest Amount payable on any date shall not, unless otherwise provided in the applicable Final Terms, be affected by the application of any Business Day Convention.

**"Debt Securities"** is as defined in Condition 2.1;

**"Definitive Security Agent"** is as defined in paragraph 4 of these Terms and Conditions;

**"Delivery Date"** is as defined in (in the case of Physical Delivery Certificates other than Physical Delivery Exercisable Certificates) Condition 35.2(a)(iii) or (in the case of Physical Delivery Exercisable Certificates) Condition 34.7(b);

**"Designated Account"** is as defined in Condition 35.1;

**"Designated Bank"** is as defined in Condition 35.1;

**"Designated Maturity"** is as defined in Condition 32(b)(ii);

**"Disqualified Transferee"** is as defined in Condition 2.4(c);

**"Disrupted Amount"** is as defined in Condition 5.6(vi);

**"Disrupted Settlement Date"** is as defined in Condition 5.6(vi);

**"Disruption Cash Settlement Price"** is as defined in Condition 5.1;

**"Documents"** is as defined in Condition 13.5(b);

**"DTC"** is as defined in Condition 29;

**"English Law Agency Agreement"** is as defined in paragraph 7 of these Terms and Conditions;

**"English Law Certificates"** is as defined in Condition 28;

**"English Law Securities"** means English Law Certificates;

**"Entitlement"** is as defined in Condition 28;

**"Established Rate"** is as defined in Condition 17(b);

**"ETI OET Certificate"** means an ETI Security that is an OET Certificate;

**"ETI Securities"** is as defined in Condition 2.1;

**"EURIBOR"** is as defined in Condition 32(d)(i)(C);

**"euro"** is as defined in Condition 17(b);

**"Euroclear"** is as defined in Condition 29;

**"Euroclear Agreement"** is as defined in paragraph 5 of these Terms and Conditions;

**"Euroclear Finland"** means Euroclear Finland Ltd. (the Finnish Central Securities Depository);

## TERMS AND CONDITIONS OF THE SECURITIES

**"Euroclear Finland Register"** means the register opened in the Euroclear Finland System for Finnish Dematerialised Securities issued or to be issued by the Issuer;

**"Euroclear Finland System"** means the technical system at Euroclear Finland for the registration of securities and the clearing and settlement of securities transactions;

**"Euroclear France Certificates"** is as defined in Condition 35.1;

**"Euroclear France Securities"** is as defined in Condition 2.2;

**"Euroclear Registrar"** is as defined in paragraph 5 of these Terms and Conditions;

**"Euroclear Sweden"** means Euroclear Sweden AB (the Swedish Central Securities Depository authorised as such under the SFIA Act);

**"Euroclear Sweden Register"** means the register opened in the Euroclear Sweden System for Swedish Dematerialised Securities issued or to be issued by the Issuer;

**"Euroclear Sweden System"** means the technical system at Euroclear Sweden for the registration of securities and the clearing and settlement of securities transactions;

**"Euronext Paris"** is as defined in Condition 34.3;

**"EuroTLX"** is as defined in Condition 28 under the definition of Italian Certificates;

**"Exchange Event"** is as defined in Condition 29;

**"Exercisable Certificates"** is as defined in Condition 34.7(b);

**"Exercise Notice"** is as defined in Condition 35.2(b)(i);

**"Expenses"** is as defined in Condition 11.2;

**"Extraordinary External Event"** is as defined in Condition 15.1;

**"Failure to Deliver due to Illiquidity"** is as defined in Condition 15.1;

**"Failure to Deliver Settlement Price"** is as defined in Condition 15.2(d);

**"FBF Agreement"** is as defined in Condition 32(d)(ii);

**"FBF Rate"** is as defined in Condition 32(d)(ii);

**"Finnish Agency Agreement"** is as defined in paragraph 5 of these Terms and Conditions;

**"Finnish Dematerialised Certificates"** is as defined in Condition 28;

**"Finnish Dematerialised Securities"** means Finnish Dematerialised Certificates;

**"Finnish Record Date"** is as defined in Condition 35.1;

**"Finnish Security Agent"** is as defined in paragraph 4 of these Terms and Conditions and is an account operator specifically authorised by Euroclear Finland and to be appointed by the Issuer in respect of any series of Finnish Dematerialised Securities to process and register issues in the Euroclear Finland System and identified in the applicable Final Terms and acting solely as the agent of the Issuer not assuming any obligation to, or relationship or agency of trust with the Holders;

## TERMS AND CONDITIONS OF THE SECURITIES

"**Fixed Rate Certificates**" is as defined in Condition 32;

"**Floating Rate**" is as defined in Condition 32(d)(ii);

"**Floating Rate Certificates**" is as defined in Condition 32;

"**Floating Rate Option**" is as defined in Condition 32(b)(ii);

"**freely tradable**" is as defined in Condition 5.4;

"**Frankfurt Certificate Agent**" is as defined in paragraph 4 of these Terms and Conditions;

"**French Law Agency Agreement**" is as defined in paragraph 7 of these Terms and Conditions;

"**French Law Certificates**" is as defined in Condition 28;

"**French Law Securities**" means French Law Certificates;

"**French Security Agent**" is as defined in paragraph 4 of these Terms and Conditions;

"**Fund Securities**" is as defined in Condition 2.1;

"**Futures OET Certificate**" means a Futures Security that is an OET Certificate;

"**Futures Securities**" is as defined in Condition 2.1;

"**FX Settlement Disruption Currency**" is as defined in Condition 5.6(vi);

"**FX Settlement Disruption Cut-off Date**" is as defined in Condition 5.6(ii)(A);

"**FX Settlement Disruption Event**" is as defined in Condition 5.6(vi);

"**FX Settlement Disruption Exchange Rate**" is as defined in Condition 5.6(vi);

"**FX Settlement Disruption Expenses**" is as defined in Condition 5.6(vi);

"**FX Settlement Disruption Notice**" is as defined in Condition 5.6(i);

"**GDR/ADR**" is as defined in Condition 2.1;

"**General Meeting**" is as defined in Condition 9.4(b);

"**Global Certificate**" is as defined in Condition 29;

"**Global Security**" means Global Certificate;

"**Government Authority**" is as defined in Condition 15.1;

"**Guarantee**" means the relevant BNPP Guarantee;

"**Guaranteed Cash Settlement Amount**" is as defined in Condition 4;

"**Guarantor**" means BNPP;

"**Hedge**" is as defined in Condition 15.1;

"**Hedging Disruption**" is as defined in Condition 15.1;

"**Hedging Shares**" is as defined in Condition 15.1;



## TERMS AND CONDITIONS OF THE SECURITIES

"**Holder**" is as defined in Condition 2.2 and Condition 31;

"**holder of Certificates**" is as defined in Condition 31;

"**Holder of Securities**" is as defined in Condition 2.2;

"**Hybrid Business Day**" has the meaning given to such term in the applicable Final Terms;

"**Hybrid Securities**" is as defined in Condition 2.1;

"**Iberclear**" means "Sociedad de Gestión de los Sistemas de Registro, Compensación y Liquidación de Valores, S.A. Unipersonal" whose commercial name is Iberclear;

"**Increased Cost of Hedging**" is as defined in Condition 15.1;

"**Increased Cost of Stock Borrow**" is as defined in Condition 15.1;

"**Index OET Certificate**" means an Index Security that is an OET Certificate;

"**Index Securities**" is as defined in Condition 2.1;

"**Inflation Index Securities**" is as defined in Condition 2.1;

"**Initial Stock Loan Rate**" is as defined in Condition 15.1;

"**Insolvency Filing**" is as defined in Condition 15.1;

"**Interest Amount**" is as defined in Condition 32(b)(iv) and Condition 32(c)(iii);

"**Interest Determination Date**" is as defined in Condition 32(b)(iv) and Condition 32(c)(iii);

"**Interest Period End Date**" is as defined in Condition 32(b)(i);

"**Interest Period End Final Date**" is as defined in Condition 32(a) and Condition 32(b)(i);

"**Intermediary**" is as defined in Condition 28 under the definition of Swiss Dematerialised Certificates and Swiss Materialised Certificates;

"**Intervening Period**" is as defined in Condition 35.2(a)(iv);

"**Investor Representation Letter**" is as defined in Condition 2.4;

"**ISDA Definitions**" is as defined in Condition 32(b)(ii);

"**Issuer**" is as defined in paragraph 3 of these Terms and Conditions;

"**Italian Certificates**" is as defined in Condition 28;

"**Italian Dematerialised Certificates**" is as defined in Condition 28;

"**Italian Dematerialised Securities**" means Italian Dematerialised Certificates;

"**Italian Securities**" means Italian Certificates;

"**Italian Security Agent**" is as defined in paragraph 4 of these Terms and Conditions;

"**Jurisdiction Event**" is as defined in Condition 15.1;

## TERMS AND CONDITIONS OF THE SECURITIES

**"KDPW Poland"** means *Krajowy Depozyt Papierów Wartościowych S.A.* (the Polish National Depository for Securities);

**"KDPW Poland CCP"** means KDPW CCP S.A., an entity to which KDPW Poland has delegated the performance of transaction clearing in relation to financial instruments listed on a regulated market, MTF or OTF in Poland;

**"KDPW Poland Rules"** means the Polish laws, regulations and operating procedures applicable to and/or issued by KDPW Poland from time to time (*Regulamin Krajowego Depozytu Papierów Wartościowych*);

**"KDPW Poland System"** means the technical system at KDPW Poland for the registration of securities and the settlement of securities transactions;

**"Knock-in Determination Day"** is as defined in Condition 16.7;

**"Knock-in Determination Period"** is as defined in Condition 16.7;

**"Knock-in Event"** is as defined in Condition 16.7;

**"Knock-in Level"** is as defined in Condition 16.7;

**"Knock-in Period Beginning Date"** is as defined in Condition 16.7;

**"Knock-in Period Ending Date"** is as defined in Condition 16.7;

**"Knock-in Range Level"** is as defined in Condition 16.7;

**"Knock-in Valuation Time"** is as defined in Condition 16.7;

**"Knock-out Determination Day"** is as defined in Condition 16.7;

**"Knock-out Determination Period"** is as defined in Condition 16.7;

**"Knock-out Event"** is as defined in Condition 16.7;

**"Knock-out Level"** is as defined in Condition 16.7;

**"Knock-out Period Beginning Date"** is as defined in Condition 16.7;

**"Knock-out Period Ending Date"** is as defined in Condition 16.7;

**"Knock-out Range Level"** is as defined in Condition 16.7;

**"Knock-out Valuation Time"** is as defined in Condition 16.7;

**"Level"** is as defined in Condition 16.7;

**"Linked Interest Certificates"** is as defined in Condition 32;

**"Linked Premium Amount Certificates"** is as defined in Condition 33.2;

**"Local Currency"** is as defined in Condition 15.1;

**"Local Time"** means local time in the city of the relevant Clearing System;

**"Loss of Stock Borrow"** is as defined in Condition 15.1;

**"Madrid Security Agent"** is as defined in paragraph 4 of these Terms and Conditions;

## TERMS AND CONDITIONS OF THE SECURITIES

"**Maximum Stock Loan Rate**" is as defined in Condition 15.1;

"**Modified Postponement**" is as defined in Condition 28 under the definition of Averaging Date;

"**Monte Titoli**" is as defined in Condition 29;

"**National Currency Unit**" is as defined in Condition 17(b);

"**New York Security Agent**" is as defined in paragraph 4 of these Terms and Conditions;

"**Norwegian Agency Agreement**" is as defined in paragraph 4 of these Terms and Conditions;

"**Norwegian Dematerialised Certificates**" is as defined in Condition 28;

"**Norwegian Dematerialised Securities**" means Norwegian Dematerialised Certificates;

"**Norwegian Record Date**" is as defined in Condition 35.1;

"**Norwegian Securities Register Act**" means the Norwegian Securities Register Act 2019 (*lov om verdipapirsentraler og verdipapiroppgjør mv. av 15. mars 2019 nr. 6*);

"**Norwegian Security Agent**" is as defined in paragraph 4 of these Terms and Conditions and is an account operator specifically authorised by VPS Norway and to be appointed by the Issuer in respect of any series of Norwegian Dematerialised Securities to process and register issues in the VPS Norway System and identified in the applicable Final Terms and acting solely as the agent of the Issuer not assuming any obligation to, or relationship or agency of trust with, the Holders;

"**Notice Period**" is as defined in Conditions 34.3 and 34.4

"**Observation Date**" is as defined in Condition 28;

"**Observation Period**" is as defined in Condition 28;

"**OET Certificate**" means Securities specified as Open End Turbo Certificates in the applicable Final Terms;

"**Omission**" is as defined in Condition 28 under the definition of Averaging Date;

"**Open End Certificate**" is as defined in Condition 28;

"**Operator**" is as defined in Condition 2.2;

"**Optional Additional Disruption Event**" is as defined in Condition 15.1;

"**Optional Redemption Amount**" is as defined in Conditions 34.3 and 34.4;

"**Optional Redemption Date**" means the date specified as such in the applicable Final Terms;

"**Optional Redemption Valuation Date**" means the date specified as such in the applicable Final Terms;

"**Original Currency**" is as defined in Condition 17(a)(ii);

"**Paris Business Day**" is as defined in Security Condition 32(f).

"**Payment Date**" is as defined in Condition 35.1;

"**Physical Delivery Certificates**" is as defined in Condition 30;

"**Physical Delivery Exercisable Certificates**" is as defined in Condition 34.7(b);

## TERMS AND CONDITIONS OF THE SECURITIES

**"Physical Delivery Securities"** means Physical Delivery Certificates;

**"Polish Act on Trading in Financial Instruments"** means the Polish Act on Trading in Financial Instruments dated 29 July 2005, as amended (*ustawa z dnia 29 lipca 2005 o obrocie instrumentami finansowymi, z późn. zm*);

**"Polish Dematerialised Certificates"** is as defined in Condition 28;

**"Polish Dematerialised Securities"** means Polish Dematerialised Certificates;

**"Polish Security Agent"** is as defined in paragraph 4 of these Terms and Conditions and is an account operator specifically authorised by KDPW Poland and to be appointed by the Issuer in respect of any series of Polish Dematerialised Securities to process and register issues in the KDPW Poland System and identified in the applicable Final Terms and acting solely as the agent of the Issuer not assuming any obligation to, or relationship or agency of trust with, the Holders;

**"Postponement"** is as defined in Condition 28 under the definition of Averaging Date;

**"Premium Amount"** is as defined in Condition 33.6;

**"Premium Amount Payment Date"** is as defined in Condition 33.6;

**"Principal Security Agent"** is as defined in paragraph 4 of these Terms and Conditions;

**"Private Placement Definitive Certificates"** is as defined in Condition 29;

**"Private Placement Definitive Securities"** means Private Placement Definitive Certificates;

**"Private Placement Register"** is as defined in Condition 2.2;

**"Proceedings"** is as defined in Condition 14.2;

**"Put Notice"** is as defined in Condition 34.4;

**"QIBs"** is as defined in Condition 29;

**"Record"** is as defined in Condition 2.2;

**"Record Date"** is as defined in Condition 35.1;

**"Redemption Date"** is as defined in Condition 34.1;

**"Reference Banks"** is as defined in Condition 28;

**"Registered Certificates"** is as defined in Condition 29;

**"Registered Global Certificate"** is as defined in Condition 29;

**"Registered Global Security"** means a Registered Global Certificate;

**"Registered Securities"** means Registered Certificates;

**"Registrar"** is as defined in paragraph 4 of these Terms and Conditions;

**"Regulation S"** is as defined in Condition 2.1;

**"Regulation S Global Certificate"** is as defined in Condition 29;

## TERMS AND CONDITIONS OF THE SECURITIES

**"Regulation S Global Security"** means a Regulation S Global Certificate;

**"Related Expenses"** is as defined in Condition 11.2;

**"Relevant Adjustment Provisions"** is as defined in Condition 16.7 and 34.9(b);

**"Relevant Currency"** is as defined in Condition 5.6(vi);

**"Rolling Futures Contract Securities"** means a Security that is specified as such in the applicable Final Terms;

**"Rule 144A"** is as defined in Condition 29;

**"Rule 144A Certificates"** is as defined in Condition 29;

**"Rule 144A Global Certificate"** is as defined in Condition 29;

**"Rule 144A Global Security"** means the Rule 144A Global Certificate representing an issue of Rule 144A Certificates;

**"Scheduled Averaging Date"** is as defined in Condition 28 under the definition of Averaging Date;

**"Scheduled Closing Time"** means, in respect of an Exchange, Related Exchange or (if "China Connect" is specified as applicable in the applicable Final Terms) the China Connect Service and a Scheduled Trading Day, the scheduled weekday closing time of such Exchange, such Related Exchange or the China Connect Service, as the case may be, on such Scheduled Trading Day, without regard (in the case of any Exchange or Related Exchange) to after hours or any other trading outside of the regular trading session hours or (in the case of the China Connect Service) any after hours or any other order routing outside of the regular order routing session hours, subject, in respect of Index Securities, to subparagraphs (a) and (b) of the definition of Valuation Time, and subject, in respect of Share Securities, to subparagraph (c) of the definition of Valuation Time;

**"Scheduled Strike Date"** means any original date that, but for the occurrence of an event causing a Disrupted Day, would have been the Strike Date;

**"Scheduled Valuation Date"** means any original date that, but for the occurrence of an event causing a Disrupted Day, would have been a Valuation Date;

**"Secured Securities"** is as defined in Condition 2.1;

**"Securities Act"** is as defined in Condition 29;

**"Security Agent"** and **"Security Agents"** are as defined in paragraph 4 of these Terms and Conditions;

**"Security Expenses"** is as defined in Condition 11.1;

**"SeDeX"** is as defined in Condition 28 under the definition of Italian Certificates;

**"Settlement Business Day"** is as defined in Condition 5.1;

**"Settlement Disruption Event"** is as defined in Condition 5.1;

**"SFIA Act"** is as defined in Condition 29;

**"Share"** is as defined in Condition 15.2(d);

**"Share OET Certificate"** means a Share Security that is an OET Certificate;

**"Share Securities"** is as defined in Condition 2.1;

## TERMS AND CONDITIONS OF THE SECURITIES

"**Significant Alteration Event**" is as defined in Condition 15.1;

"**Specified Maximum Days of Disruption**" means (other than with respect to Commodity Securities, Custom Index Securities and Currency Securities) eight Scheduled Trading Days or such other number of Scheduled Trading Days specified in the applicable Final Terms, with respect to Currency Securities, five Scheduled Trading Days, with respect to Custom Index Securities, twenty Custom Index Business Days and with respect to Commodity Securities, five Commodity Business Days;

"**STIBOR**" means the Stockholm interbank offered rate;

"**Stop-Loss Event**" is as defined in Condition 15.1;

"**Strike Date**" means, in the case of Index Securities, Share Securities, ETI Securities, Debt Securities or Futures Securities, the Strike Date specified in the applicable Final Terms, or, if such date is not a Scheduled Trading Day, the next following Scheduled Trading Day unless, in the opinion of the Calculation Agent such day is a Disrupted Day. If any such day is a Disrupted Day, then:

- (a) where the Securities are Index Securities relating to a single Index (other than a Component Security Index), Share Securities relating to a single Share, ETI Securities relating to a single ETI Interest, Debt Securities relating to a single Debt Instrument or Futures Securities relating to a single Future, the Strike Date shall be the first succeeding Scheduled Trading Day that is not a Disrupted Day, unless each of the number of consecutive Scheduled Trading Days equal to the Specified Maximum Days of Disruption immediately following the Scheduled Strike Date is a Disrupted Day. In that case, (A) the last such consecutive Scheduled Trading Day shall be deemed to be the Strike Date, notwithstanding the fact that such day is a Disrupted Day and (B) the Calculation Agent shall determine the relevant level or price:
  - (i) in the case of Index Securities, by determining the level of the Index as of the Valuation Time on the last such consecutive Scheduled Trading Day in accordance with the formula for and method of calculating the Index last in effect prior to the occurrence of the first Disrupted Day using the Exchange traded or quoted price as of the Valuation Time on the last such consecutive Scheduled Trading Day of each security comprised in the Index (or, if an event giving rise to a Disrupted Day has occurred in respect of the relevant security on the last such Scheduled Trading Day, its good faith estimate of the value for the relevant security as of the Valuation Time on the last such consecutive Scheduled Trading Day); or
  - (ii) in the case of Share Securities, ETI Securities, Debt Securities or Futures Securities, in accordance with its good faith estimate of the relevant value, level, price or amount as of the Valuation Time on the last such consecutive Scheduled Trading Day; or
- (b) where the Securities are Index Securities relating to a single Component Security Index, the Calculation Agent shall determine the relevant level for such Component Security Index using the formula for and method of calculating such Component Security Index last in effect prior to the occurrence of the first Disrupted Day using:
  - (i) in respect of each Component Security not affected by a Market Disruption Event on the Scheduled Strike Date, the exchange traded or quoted price of such Component Security as of the Valuation Time on the Scheduled Strike Date; and
  - (ii) in respect of each Component Security affected (each, an "**Affected Component Security**") by a Market Disruption Event on the Scheduled Strike Date, the exchange traded or quoted price for each Affected Component Security on the first succeeding Scheduled Trading Day on which no Market Disruption Event occurs or is continuing with respect to the Affected

## TERMS AND CONDITIONS OF THE SECURITIES

Component Security, unless each of the number of consecutive Scheduled Trading Days equal to the Specified Maximum Days of Disruption immediately following the Scheduled Strike Date is a day on which a Market Disruption Event occurs or is continuing with respect to the Affected Component Security, in which case, the Calculation Agent shall determine the value, amount, level or price of the Affected Component Security using its good faith estimate of the value, amount, level or price of the relevant Affected Component Security as of the Valuation Time on the last such consecutive Scheduled Trading Day; and

the Strike Date shall be deemed to be the earliest date on which the Calculation Agent determines the level of the Component Security Index in accordance with the above provisions.

- (c) where the Securities are Index Securities relating to a Basket of Indices (other than a Basket of Component Security Indices), Share Securities relating to a Basket of Shares, ETI Securities relating to an ETI Basket, Debt Securities relating to a Basket of Debt Instruments or Futures Securities relating to a Basket of Futures, the Strike Date for each Index, Share, ETI Interest, Debt Instrument or Future, as the case may be, not affected by the occurrence of a Disrupted Day shall be the Scheduled Strike Date and the Strike Date for each Index, ETI Interest, Share, Debt Instrument or Future affected, as the case may be (each an "**Affected Item**"), by the occurrence of a Disrupted Day shall be the first succeeding Scheduled Trading Day that is not a Disrupted Day relating to the Affected Item unless each of the number of consecutive Scheduled Trading Days equal to the Specified Maximum Days of Disruption immediately following the Scheduled Strike Date is a Disrupted Day relating to the Affected Item. In that case, (i) the last such consecutive Scheduled Trading Day shall be deemed to be the Strike Date for the Affected Item, notwithstanding the fact that such day is a Disrupted Day, and (ii) the Calculation Agent shall determine the relevant value, level, price or amount using, in relation to the Affected Item:
  - (i) in the case of an Index, the level of that Index as of the Valuation Time on the last such consecutive Scheduled Trading Day in accordance with the formula for and method of calculating that Index last in effect prior to the occurrence of the first Disrupted Day using the Exchange traded or quoted price as of the Valuation Time on the last such consecutive Scheduled Trading Day of each security comprised in that Index (or, if an event giving rise to a Disrupted Day has occurred in respect of the relevant security on the last such consecutive Scheduled Trading Day, its good faith estimate of the value for the relevant security as of the Valuation Time on the last such consecutive Scheduled Trading Day); or
  - (ii) in the case of a Share, ETI Interest, Debt Instrument or Future, its good faith estimate of the value, level, price or amount for the Affected Item as of the Valuation Time on the last such consecutive Scheduled Trading Day; or
- (d) where the Securities are Index Securities relating to a Basket of Component Security Indices, the Strike Date for each Component Security Index not affected by the occurrence of a Disrupted Day shall be the Scheduled Strike Date, and for each Component Security Index affected (an "**Affected Item**") by the occurrence of a Disrupted Day, the Calculation Agent shall determine the level of that Component Security Index using the formula for and method of calculating that Component Security Index last in effect prior to the occurrence of the first Disrupted Day, using:
  - (i) in respect of each Component Security not affected by a Market Disruption Event on the Scheduled Strike Date, the exchange traded or quoted price of such Component Security as of the Valuation Time on the Scheduled Strike Date; and
  - (ii) in respect of each Component Security affected (each, an "**Affected Component Security**") by a Market Disruption Event on the Scheduled Strike Date, the exchange traded or quoted

## TERMS AND CONDITIONS OF THE SECURITIES

price for each Affected Component Security on the first succeeding Scheduled Trading Day on which no Market Disruption Event occurs or is continuing with respect to the Affected Component Security, unless each of the number of consecutive Scheduled Trading Days equal to the Specified Maximum Days of Disruption immediately following the Scheduled Strike Date is a day on which a Market Disruption Event occurs or is continuing with respect to the Affected Component Security, in which case, the Calculation Agent shall determine the value, amount, level or price of such Affected Component Security using its good faith estimate of the value, amount, level or price of the relevant Affected Component Security as of the Valuation Time on the last such consecutive Scheduled Trading Day; and

the Strike Date shall be deemed to be the earliest date on which the Calculation Agent can determine the level of the Component Security Index in accordance with the above provisions; or

- (e) in the case of Commodity Securities, the Initial Pricing Date; or
- (f) in the case of Underlying Interest Rate Securities, the Strike Date specified as such in the applicable Final Terms;

**"Strike Day"** means each date specified as such in the applicable Final Terms and, if Averaging Date Consequences are specified as applicable in the applicable Final Terms, the provisions contained in the definition of "Averaging Date" shall apply *mutatis mutandis* as if references in such provisions to "Averaging Date" were to "Strike Day";

**"Strike Period"** means the period specified as such in the applicable Final Terms;

**"Substitute"** is as defined in Condition 13.1;

**"Substitute Asset"** and **"Substitute Assets"** is as defined in Condition 5.4;

**"Substitute Guarantee"** is as defined in Condition 13.5(b);

**"Substitute Guarantor"** is as defined in Condition 13.5;

**"Substitute Share"** is as defined in Condition 15.2(d);

**"Substitution Date"** is as defined in Condition 15.2(d);

**"sub-unit"** is as defined in Condition 32(a);

**"Successor Index"** is as defined in Condition 15.2(c);

**"Swedish Agency Agreement"** is as defined in paragraph 4 of these Terms and Conditions;

**"Swedish Dematerialised Certificates"** is as defined in Condition 28;

**"Swedish Dematerialised Securities"** means Swedish Dematerialised Certificates;

**"Swedish Record Date"** is as defined in Condition 35.1;

**"Swedish Security Agent"** is as defined in paragraph 4 of these Terms and Conditions;

**"Swiss Dematerialised Certificates"** is as defined in Condition 28;

**"Swiss Dematerialised Securities"** means Swiss Dematerialised Certificates;

**"Swiss Materialised Certificates"** is as defined in Condition 28;



## TERMS AND CONDITIONS OF THE SECURITIES

"**Swiss Materialised Securities**" means Swiss Materialised Certificates;

"**Swiss Securities**" means Swiss Materialised Securities and Swiss Dematerialised Securities. The terms and conditions of the Swiss Securities will be set forth in the applicable Final Terms;

"**Swiss Security Agent**" means the entity specified in the applicable Final Terms;

"**Taxes**" is as defined in Condition 11.2;

"**Treaty**" is as defined in Condition 17(b);

"**Uncertificated Securities Regulations**" means the Uncertificated Securities Regulations 2001 (as amended, modified or re-enacted and such other regulations made under Sections 783, 784(3), 785 and 788 of the Companies Act 2006 as are applicable to the Euroclear Registrar) for the time being in force;

"**Underlying Reference**" is as defined in Condition 16.7 and 34.9(b);

"**Underlying Reference Level**" is as defined in Condition 34.9(b);

"**Underlying Share**" is as defined in Condition 2.1;

"**U.S. Certificates**" is as defined in Condition 29;

"**U.S. Government Securities Business Day**" means any day except for a Saturday, Sunday or a day on which the Securities Industry and Financial Markets Association recommends that the fixed income departments of its members be closed for the entire day for the purposes of trading in U.S. government securities;

"**U.S. person**" is as defined in Condition 2.1;

"**U.S. Securities**" means U.S. Certificates;

"**Valid Date**" is as defined in Condition 28;

"**Valuation Date**" is as defined in Condition 28;

"**Valuation Time**" is as defined in Condition 28;

"**VP Denmark**" means VP Securities A/S (the Danish Central Securities Depository authorised as such under the Danish Securities Trading Act);

"**VP Denmark Register**" means the register opened in the VP Denmark System for Danish Dematerialised Securities issued or to be issued by the Issuer;

"**VP Denmark Rules**" means the Danish Laws, Regulations and operating procedures applicable to and/or issued by VP Denmark from time to time;

"**VP Denmark System**" means the technical systems at VP Denmark for the registration of Securities and the clearing and settlement of securities transactions;

"**VPS Norway**" means *Verdipapirsentralen* ASA (the Norwegian Central Securities Depository authorised as such in accordance with the Norwegian Securities Register Act);

"**VPS Norway Register**" means the register opened in the VPS Norway System for Norwegian Dematerialised Securities issued or to be issued by the Issuer;

"**VPS Norway Rules**" means the Norwegian laws, regulations and operating procedures applicable to and/or issued by VPS Norway from time to time; and

## TERMS AND CONDITIONS OF THE SECURITIES

"**VPS Norway System**" means the technical system at VPS Norway for the registration of securities and the clearing and settlement of securities transactions.

### 2. TYPE, TITLE AND TRANSFER

#### 2.1 Type

The Securities relate to a specified index or basket of indices or futures or options contracts related to a specified index or basket of indices ("**Index Securities**"), a specified share or basket of shares (including Stapled Shares (as defined in Share Security Condition 1)), or a specified depositary receipt (a "**GDR/ADR**") referencing a share (an "**Underlying Share**") or basket of GDRs and/or ADRs ("**Share Securities**"), a specified interest in an exchange traded fund, an exchange traded note, an exchange traded commodity or any other exchange traded product (each an "**exchange traded instrument**") or basket of interests in exchange traded instruments ("**ETI Securities**"), a specified debt instrument or basket of debt instruments or futures or options contracts related to a specified debt instrument or basket of debt instruments (synthetic or otherwise) ("**Debt Securities**"), a specified commodity (including an EU Allowance (as defined in Commodity Security Condition 8)) or commodity index or basket of commodities (including EU Allowances) and/or commodity indices ("**Commodity Securities**"), a specified inflation index or basket of inflation indices ("**Inflation Index Securities**"), a specified currency or basket of currencies or futures or options contracts related to a specified currency or basket of currencies ("**Currency Securities**"), a specified fund share or unit or fund index or basket of fund shares or units or fund indices or a euro fund insurance or investment policy or capitalisation contract ("**Fund Securities**"), a specified futures contract or basket of futures contract(s) ("**Futures Securities**"), a specified underlying interest rate or basket of underlying interest rates ("**Underlying Interest Rate Securities**"), the credit of a specified reference entity or reference entities ("**Credit Securities**"), a specified preference share issued by BNP Paribas Synergy Limited ("**Preference Share Certificates**"), an actively managed notional portfolio of shares, exchange traded instruments and/or BNPP indices ("**Actively Managed Securities**"). Securities issued by BNPP B.V. in respect of which BNPP B.V. grants security over certain of its assets ("**Secured Securities**") and/or Securities which relate to any combination of such indices, shares, interests in exchange traded instruments, debt instruments, commodities, commodity indices, inflation indices, currencies, fund shares or units, fund indices, euro fund insurance or investment policy or capitalisation contract, futures contract(s), underlying interest rate(s), the credit of a specified reference entity or reference entities and other asset classes or types ("**Hybrid Securities**").

If the Securities are Hybrid Securities and Hybrid Securities is specified as applicable in the applicable Final Terms, the terms and conditions of the Securities will be construed on the basis that in respect of each separate type of underlying reference asset or basis, the relevant terms applicable to each such separate type of underlying reference asset or basis will apply, as the context admits, separately and independently in respect of the relevant type of underlying reference asset or basis, except as specified in the applicable Final Terms.

Securities related to a specified interest in an exchange traded instrument or basket of interests in exchange traded instruments, a specified commodity or commodity index or basket of commodities and/or commodity indices, a specified interest rate or basket of interest rates, a specified inflation index or basket of inflation indices, specified currency or basket of currencies, a specified currency futures contract, a specified fund share or unit or fund index or basket of fund shares or units or fund indices, the credit of a specified reference entity or reference entities, a specified futures contract or basket of futures contracts, or Hybrid Securities related to any of these asset classes, may not at any time be offered, sold, resold, held, traded, pledged, exercised, settled or redeemed, transferred or delivered, directly or indirectly, in the United States or to, by or for the account or benefit of, persons that are (i) a "U.S. person" as defined in Regulation S under the Securities Act ("**Regulation S**"); or (ii) a person other than a "Non-United States person" as defined in Rule 4.7 under the United States Commodity Exchange Act, as amended (the "**Commodity Exchange Act**"); or (iii) a "U.S. person" as defined in (a) the Interpretive Guidance and Policy Statement Regarding Compliance with Certain Swap Regulations promulgated by the Commodity Futures Trading Commission (the "**CFTC**") or (b) the final rule relating to Cross-Border Application of the Registration Thresholds and Certain Requirements Applicable to Swap Dealers

## TERMS AND CONDITIONS OF THE SECURITIES

and Major Swap Participants promulgated by the CFTC, in each case as amended, modified or supplemented from time to time, pursuant to the Commodity Exchange Act; or (iv) any other "U.S. person" as such term may be defined in Regulation S or in regulations or guidance adopted under the Commodity Exchange Act (each such person, a "**U.S. person**") unless expressly provided for in the applicable Final Terms. Any such applicable U.S. wrapper may restrict the types of Securities that can be offered, sold, resold, held, traded, pledged, exercised, redeemed, transferred or delivered and the terms of such Securities.

If Averaging is specified as applying in the applicable Final Terms, the applicable Final Terms will state the relevant Averaging Dates and, if an Averaging Date is a Disrupted Day, whether Omission, Postponement or Modified Postponement (each as defined in Condition 28) applies.

Subject as provided below, the Settlement Currency in respect of the Securities will be specified in the applicable Final Terms. If the Certificates are Currency Securities and Dual Currency Certificates is specified in the applicable Final Terms, the Settlement Currency in respect of the Cash Settlement Amount and (if Dual Currency Certificate Condition 1 is specified as applicable in the applicable Final Terms) the payment of any Interest Amount or Premium Amount will be determined in accordance with Currency Security Condition 12 ("**Dual Currency Certificates**").

References in these Terms and Conditions, unless the context otherwise requires, to Cash Settled Securities shall be deemed to include references to (a) Physical Delivery Securities, which include an option (as set out in the applicable Final Terms) at the Issuer's election to request cash settlement of such Security pursuant to Condition 5.3 and where settlement is to be by way of cash payment, and (b) Physical Delivery Securities where settlement is to be automatically varied to be by way of cash payment pursuant to Condition 5.3. References in these Terms and Conditions, unless the context otherwise requires, to Physical Delivery Securities shall be deemed to include references to Cash Settled Securities which include an option (as set out in the applicable Final Terms) at the Issuer's election to request physical delivery of the relevant underlying asset in settlement of such Security pursuant to Condition 5.3 and where settlement is to be by way of physical delivery. Unless otherwise specified in the applicable Final Terms, the Issuer does not have the option to vary settlement in respect of the U.S. Securities pursuant to Condition 5.3.

Securities may, if specified in the applicable Final Terms, allow Holders to elect for settlement by way of cash payment or by way of physical delivery or by such other method of settlement as is specified in the applicable Final Terms. Those Securities where the Holder has elected for cash payment will be Cash Settled Securities and those Securities where the Holder has elected for physical delivery will be Physical Delivery Securities. The rights of a Holder as described in this paragraph may be subject to the Issuer's right to vary settlement as indicated in the applicable Final Terms and will be subject to the Issuer's right to substitute assets or pay the Alternate Cash Amount (as defined below) in lieu of physical delivery in accordance with these Conditions.

### 2.2 Title to Securities other than Registered Securities

In the case of Securities represented by a Clearing System Global Security held by a Common Depository on behalf of a relevant Clearing System or held by a relevant Clearing System or by Euroclear France and French Law Securities, each person who is for the time being shown in the records of the relevant Clearing System (in the case of English Law Securities other than English Law Securities held through Euroclear France) or whose name appears in the account of the relevant Account Holder (in the case of French Law Securities or English Law Securities held through Euroclear France, together "**Euroclear France Securities**") as the holder of a particular amount of such Securities (in which regard any certificate or other document issued by the relevant Clearing System or, as the case may be, Account Holder as to the amount of Securities standing to the account of any person shall be conclusive and binding for all purposes save in the case of manifest error) shall (except as otherwise required by law) be treated by the Issuer, the Guarantor, if any, and the relevant Security Agent as the holder of such amount of Securities for all purposes (and the expressions "**Holder**" and "**Holder of Securities**" and related expressions shall be construed accordingly).

## TERMS AND CONDITIONS OF THE SECURITIES

In the case of Swedish Dematerialised Securities, the person for the time being shown in the Euroclear Sweden Register as the holder of a particular amount of Securities shall (except as otherwise required by law) be treated for all purposes by the Issuer, the Guarantor, if any, the Security Agents, Euroclear Sweden and all other persons dealing with such person as the holder thereof and as the person entitled to exercise the rights represented thereby notwithstanding any notice to the contrary (and the expressions "**Holder**" and "**Holder of Securities**" and related expressions shall be construed accordingly). The Issuer shall cause such Securities to be accepted by Euroclear Sweden for clearing and registration in the Euroclear Sweden System in accordance with the SFIA Act and Euroclear Sweden Rules. The Issuer shall have the right to obtain extracts from the debt register of Euroclear Sweden.

In the case of Danish Dematerialised Securities, the person for the time being shown in the VP Denmark Register as the holder of a particular amount of Securities shall (except as otherwise required by law) be treated for all purposes by the Issuer, the Guarantor, if any, the Security Agents, VP Denmark and all other persons dealing with such person as the holder thereof and as the person entitled to exercise the rights represented thereby notwithstanding any notice to the contrary (and the expressions "**Holder**" and "**Holder of Securities**" and related expressions shall be construed accordingly). The Issuer shall cause such Securities to be accepted by VP Denmark for clearing and registration in the VP Denmark System in accordance with the Danish Securities Trading Act and VP Denmark Rules. The Issuer shall have the right to obtain extracts from the debt register of VP Denmark.

In the case of Finnish Dematerialised Securities, the person in whose name the Finnish Dematerialised Security is registered in the book-entry account in the Euroclear Finland Register (including a nominee account holder, as the case may be) shall (except as otherwise required by law) be treated for all purposes by the Issuer, the Guarantor, if any, the Security Agents, Euroclear Finland and all other persons dealing with such person as the holder thereof and as the person entitled to exercise the rights represented thereby (and the expressions "**Holder**" and "**Holder of Securities**" and related expressions shall be construed accordingly). Where a nominee is so evidenced it shall be treated as the holder of the relevant Finnish Dematerialised Securities. The Issuer shall cause such Securities to be accepted by Euroclear Finland for clearing and registration in the Euroclear Finland System in accordance with Finnish laws, rules, regulations and operating procedures applicable to, and/or issued by Euroclear Finland. Notwithstanding any secrecy obligation, the Issuer shall be entitled to obtain information (including but not limited to information on Holders) from the Euroclear Finland Register maintained by Euroclear Finland as registrar on behalf of the Issuer in accordance with the rules of Euroclear Finland, and Euroclear Finland shall be entitled to provide such information to the Issuer notwithstanding any secrecy obligation. Furthermore, the Issuer shall, subject to regulations of Euroclear Finland and applicable laws, be entitled to acquire from Euroclear Finland a list of the holders of Finnish Dematerialised Securities, provided that it is technically possible for Euroclear Finland to maintain such a list. The Issuer shall be entitled to pass such information to the Finnish Security Agent or to authorize such agent to acquire such information from Euroclear Finland directly. Except as ordered by a court of competent jurisdiction or as required by law, the Holder of any Finnish Dematerialised Securities shall be deemed to be and may be treated as its absolute owner for all purposes, whether or not it is overdue and regardless of any notice of ownership, trust or an interest in it, any writing on it or its theft or loss and no person shall be liable for so treating the Holder.

In the case of Norwegian Dematerialised Securities, the person for the time being shown in the VPS Norway Register as the holder of a particular amount of Securities shall (except as otherwise required by law) be treated for all purposes by the Issuer, the Guarantor, if any, the Security Agents, VPS Norway and all other persons dealing with such person as the holder thereof and as the person entitled to exercise the rights represented thereby notwithstanding any notice to the contrary (and the expressions "**Holder**" and "**Holder of Securities**" and related expressions shall be construed accordingly). The Issuer shall cause such securities to be accepted by VPS Norway for clearing and registration in the VPS Norway System in accordance with the Norwegian Securities Register Act and the VPS Norway Rules. The Issuer shall have the right to obtain extracts from the debt register of VPS Norway.

## TERMS AND CONDITIONS OF THE SECURITIES

In the case of Italian Dematerialised Securities, the person who is for the time being shown in the records of Monte Titoli as the holder of a particular amount of Securities (in which regard any certificate, record or other document issued by Monte Titoli as to the amount of Securities standing to the account of any person shall be conclusive and binding for all purposes save in the case of manifest error) shall (except as otherwise required by applicable law) be treated for all purposes by the Issuer, the Guarantor, if any, the Italian Security Agent and all other persons dealing with such person as the holder thereof and as the person entitled to exercise the rights represented thereby notwithstanding any notice to the contrary (and the expressions "**Holder**" and "**Holder of Securities**" and related expressions shall be construed accordingly, except where Italian law is applicable, in which case "**Holder**" and "**Holder of Securities**" will be exclusively deemed to be the beneficial owner of the Securities). The Issuer shall cause Italian Dematerialised Securities to be dematerialised and centralised with Monte Titoli, pursuant to Italian legislative decree no. 58/1998 as amended and integrated by subsequent implementing provisions.

In the case of Polish Dematerialised Securities, the ownership of the Polish Dematerialised Securities will be transferred in accordance with dematerialised and book-entry securities regulations contained under the Polish Act on Trading in Financial Instruments and the KDPW Poland Rules.

Title to French Law Securities held through Euroclear France will be evidenced in accordance with Article L.211-3 of the French *Code Monétaire et Financier* by book-entries (*inscription en compte*). No document of title (including *certificats représentatifs* pursuant to Article R.211-7 of the French *Code Monétaire et Financier*) will be issued in respect of such Securities. The French Law Securities held through Euroclear France will, upon issue, be inscribed in the books of Euroclear France which will credit the accounts of the relevant Account Holders.

Once issued, OET Certificates that are Euroclear France Securities shall be deposited with Euroclear France acting as central depository and registered in an account in the books of Euroclear France, which shall credit the accounts of the Account Holders (including Euroclear and Clearstream, Luxembourg).

However, the Issuer reserves the right, if such option is provided in the Final Terms, to have OET Certificates transferred from Euroclear France at any time (in the case of OET Certificates already issued) to, or to deposit the OET Certificates of a particular issue (in the case of OET Certificates yet to be issued) with, another depository whose registered office is situated within a European Economic Area country. In the event of a change of depository, the Issuer shall comply with all laws, regulations and tax rules applicable to the functions of such depository.

For the purpose of these Conditions, "**Account Holder**" means any authorised financial intermediary institution entitled to hold accounts, directly or indirectly, on behalf of its customers with Euroclear France, and includes the depository bank for Clearstream, Luxembourg and Euroclear and/or any other relevant Clearing System.

In the case of Securities represented by a Rule 144A Global Security held by a Custodian on behalf of DTC, the Rule 144A Global Security will be registered in the name of Cede & Co., as nominee of DTC. Transfers of such Rule 144A Global Security by such nominee of DTC shall be limited to transfers of such Rule 144A Global Security, in whole but not in part, to another nominee of DTC or to a successor of DTC or such successor's nominee. Rights conferred by the Rule 144A Global Security are only enforceable by the Holders (as defined below) as provided therein. Subject as set forth in Condition 2.4 below, each person who is for the time being shown in the records of DTC as the Holder of a particular amount of Securities shall (except as otherwise required by law) be treated by the Issuer and the New York Security Agent as the Holder of such number or amount, as the case may be, of Securities for all purposes (and the expressions "**Holder of Securities**" and related expressions shall be construed accordingly).

In the case of Private Placement Definitive Securities, the Issuer shall cause to be kept at the principal office of the Definitive Security Agent, a register (the "**Private Placement Register**") on which shall be entered the

## TERMS AND CONDITIONS OF THE SECURITIES

names and addresses of all holders of Private Placement Definitive Securities, the number or amount, as the case may be, and type of Private Placement Definitive Securities held by them and details of all transfers of Private Placement Definitive Securities. Subject as set forth in Condition 2.4 below, the persons shown in the Private Placement Register (each a "**Holder**") shall (except as otherwise required by law) be treated as the absolute owners of the relevant Private Placement Definitive Securities for all purposes (regardless of any notice of ownership, trust, or any interest in it, any writing on it, or its theft or loss) and no person will be liable for so treating such person.

In the case of CREST Dematerialised Securities, title to CREST Dematerialised Securities is recorded on the relevant Operator register of eligible debt securities. The Euroclear Registrar on behalf of BNPP B.V. as Issuer will maintain a record of uncertificated eligible debt securities (the "**Record**") in relation to the CREST Dematerialised Securities and will procure that the Record is regularly updated to reflect the Operator register of eligible debt securities in accordance with the rules of the Operator. Subject to this requirement, (i) each person who is for the time being shown in the Record as the holder of a particular number of CREST Dematerialised Securities shall be treated by BNPP B.V. as Issuer, BNPP as Guarantor, the Euroclear Registrar and any other person as the holder of such number of CREST Dematerialised Securities for all purposes (and the expressions "**Holder**" and "**Holder of Securities**" and related expressions in the context of CREST Dematerialised Securities shall be construed accordingly), and (ii) none of BNPP B.V. as Issuer, BNPP as Guarantor, the Euroclear Registrar and any other person shall be liable in respect of any act or thing done or omitted to be done by it or on its behalf in reliance upon the assumption that the particulars entered in the Record which the Euroclear Registrar maintains are in accordance with particulars entered in the Operator register of eligible debt securities relating to the CREST Dematerialised Securities.

No provisions of these Conditions as completed by the applicable Final Terms shall (notwithstanding anything contained therein) apply or have effect to the extent that it is in any respect inconsistent with (I) the holding of title to CREST Dematerialised Securities in uncertificated form, (II) the transfer of title to CREST Dematerialised Securities by means of a relevant system or (III) the Uncertificated Securities Regulations. Without prejudice to the generality of the preceding sentence and notwithstanding anything contained in these Conditions or the applicable Final Terms, so long as the CREST Dematerialised Securities are participating securities, (A) the Operator register of eligible debt securities relating to the CREST Dematerialised Securities shall be maintained at all times outside the United Kingdom, (B) the CREST Dematerialised Securities may be issued in uncertificated form in accordance with and subject as provided in the Uncertificated Securities Regulations, and (C) for the avoidance of doubt, the Conditions and the applicable Final Terms in relation to any CREST Dematerialised Security shall remain applicable notwithstanding that they are not endorsed on any certificate for such CREST Dematerialised Security.

As used herein each of "**Operator register of eligible debt securities**", "**participating securities**" and "**relevant system**" is as defined in the Uncertificated Securities Regulations and the relevant Operator (as such term is used in the Uncertificated Securities Regulations) is Euroclear UK & Ireland Limited or any additional or alternative operator from time to time approved by BNPP B.V. as Issuer, BNPP as Guarantor and the Euroclear Registrar in relation to the CREST Dematerialised Securities and in accordance with the Uncertificated Securities Regulations. Any reference herein to the "**Operator**" shall, whenever the context so permits, be deemed to include a reference to any such additional or alternative Operator from time to time and notified to the Holders of CREST Dematerialised Securities in accordance with Condition 10 (*Notices*).

2.3 Provisions relating to title to Registered Certificates are set out in Condition 31.

2.4 Transfers of Interests in Clearing System Securities and Private Placement Definitive Securities

Transfers of Certificates may not be effected after the redemption of such Certificates pursuant to Condition 34.

## TERMS AND CONDITIONS OF THE SECURITIES

Subject as set forth in this Condition, all transactions (including permitted transfers of Securities) in the open market or otherwise must be effected, in the case of CBF Certificates, through an account at Clearstream, Frankfurt or, in the case of Securities represented by a Clearing System Global Security held by a Common Depository on behalf of Clearstream, Luxembourg or Euroclear and/or any other relevant Clearing System, or Euroclear France, through an account at Clearstream, Luxembourg or Euroclear, as the case may be, and/or any other relevant Clearing System, or in the case of Euroclear France Securities, through Account Holder(s), or in the case of Securities represented by a Rule 144A Global Security held by a Custodian on behalf of DTC, through a direct or indirect participant of DTC, subject to and in accordance with the rules and procedures for the time being of the relevant Clearing System(s). Transfers in respect of Clearing System Securities governed by French Law must be effected through Account Holders(s). Title will pass upon registration of the transfer in the books of the relevant Clearing System.

Any reference herein to Clearstream, Luxembourg and/or Euroclear and/or DTC and/or Monte Titoli and/or Clearstream, Frankfurt and/or any other relevant Clearing System shall, whenever the context so permits, be deemed to include a reference to any additional or alternative clearing system approved by the Issuer and the Principal Security Agent from time to time and notified to the Holders in accordance with Condition 10.

Subject as set forth in this Condition, Private Placement Definitive Securities may be transferred by the then current Holder surrendering its Private Placement Definitive Security for registration of transfer at the specified office of the Definitive Security Agent, duly endorsed by, or accompanied by a written instrument of transfer (in the form satisfactory to BNPP and the Definitive Security Agent), and duly executed by the Holder or its duly authorised agent. Private Placement Definitive Securities may only be issued and transferred in minimum nominal amounts of U.S. \$250,000 or more.

- (a) Transfers of Securities to a person who takes delivery in the form of Securities represented by a Regulation S Global Security or Rule 144A Global Security may be made only in accordance with the following provisions:
  - (i)
    - (A) in the case of transfers to a person who takes delivery in the form of Securities represented by a Regulation S Global Security, from a Holder of Securities represented by a Regulation S Global Security, to a non-U.S. person in an offshore transaction pursuant to Regulation S and CFTC regulations and guidance;
    - (B) in the case of transfers to a person who takes delivery in the form of Securities represented by a Regulation S Global Security, from a Holder of Private Placement Definitive Securities, upon certification (in the form from time to time available from any Security Agent) to the Principal Security Agent by the transferor thereof that such transfer is being made to a non-U.S. person in an offshore transaction pursuant to Regulation S and CFTC regulations and guidance;
    - (C) in the case of transfers to a person who takes delivery in the form of Securities represented by a Rule 144A Global Security, from a Holder of Private Placement Definitive Securities, upon certification (in the form from time to time available from any Security Agent) to the New York Security Agent by the transferor thereof that such transfer is being made to a person whom the transferor reasonably believes is a QIB acquiring such Securities in a transaction meeting the requirements of Rule 144A;
    - (D) in the case of transfers to a person who takes delivery in the form of Securities represented by a Rule 144A Global Security, from a Holder of Securities represented by a Rule 144A Global Security, in a transaction meeting the requirements of Rule

## TERMS AND CONDITIONS OF THE SECURITIES

144A and, in the case of Securities issued by BNPP B.V. in accordance with paragraph (d) below;

- (E) in the case of transfers to a person who takes delivery in the form of Securities represented by a Regulation S Global Security, from a Holder of Securities represented by a Rule 144A Global Security, upon certification (in the form from time to time available from any Security Agent) to the Principal Security Agent by the transferor thereof that such transfer is being made to a non-U.S. person in an offshore transaction pursuant to Regulation S and CFTC regulations and guidance; and
  - (F) in each case, in accordance with any applicable rules and regulations of the Principal Security Agent, the New York Security Agent, the Definitive Security Agent, the relevant Clearing System and/or as specified in the applicable Final Terms.
- (ii) The Holder must send:
- (A) in the case of transfers of Private Placement Definitive Securities, a free of payment instruction to the Definitive Security Agent, not later than 5.00 p.m., New York City time, at least two Business Days in New York prior to the date on which the transfer is to take effect;
  - (B) in the case of transfers of Securities represented by a Regulation S Global Security or Rule 144A Global Security held by a Common Depositary on behalf of Clearstream, Luxembourg and Euroclear and/or any other relevant Clearing System, a free of payment instruction to Clearstream, Luxembourg or Euroclear and/or any other relevant Clearing System, as the case may be, not later than 10.00 a.m. local time in the city of the relevant Clearing System, one Business Day in the city of the relevant Clearing System prior to the date on which the transfer is to take effect; and
  - (C) in the case of transfers of Securities represented by a Rule 144A Global Security held by a Custodian on behalf of DTC, a free of payment instruction to DTC, not later than 5.00 p.m. New York City time, at least two Business Days in New York prior to the date on which the transfer is to take effect.

Separate payment arrangements are required to be made between the transferor and the transferee.

- (iii) On the transfer date:
- (A) (I) in the case of transfers of Securities represented by a Regulation S Global Security or a Rule 144A Global Security, the relevant Clearing System will debit the account of its participant and (II) in the case of transfers of Private Placement Definitive Securities, the Holder must deliver the Private Placement Definitive Securities the subject of the transfer to the Definitive Security Agent and instruct the Definitive Security Agent to cancel the transferred Private Placement Definitive Securities; and
  - (B) the relevant Clearing System or the Holder, as the case may be, will instruct (I) in the case of transfers to a person who takes delivery in the form of Securities represented by a Regulation S Global Security or a Rule 144A Global Security held by a Common Depositary on behalf of Clearstream, Luxembourg and Euroclear and/or any other relevant Clearing System, the Principal Security Agent to instruct Clearstream, Luxembourg and Euroclear and/or any other relevant Clearing System, as the case



## TERMS AND CONDITIONS OF THE SECURITIES

may be, to credit the relevant account of the relevant Clearing System participant, and (II) in the case of transfers to a person who takes delivery in the form of Securities represented by a Rule 144A Global Security held by a Custodian on behalf of DTC, (a) the New York Security Agent (in the case of transfers of Securities represented by a Rule 144A Global Security held by a Custodian on behalf of DTC) to credit the relevant account of the DTC participant, (b) the Definitive Security Agent (in the case of transfers of Private Placement Definitive Securities) to credit the relevant account of the DTC participant, or (c) the Principal Security Agent (in the case of transfers of Securities represented by a Regulation S Global Security or a Rule 144A Global Security held by a Common Depositary on behalf of Clearstream, Luxembourg and Euroclear and/or any other relevant Clearing System) to instruct DTC to credit the relevant account of the relevant Clearing System at DTC and thereafter DTC will debit such account of the relevant Clearing System, and will credit the relevant account of the DTC participant.

- (iv) Upon any such transfers, on the transfer date:
  - (A) the Principal Security Agent, in the case of transfers to and/or from a person who takes delivery in the form of Securities represented by a Regulation S Global Security or a Rule 144A Global Security held by a Common Depositary on behalf of Clearstream, Luxembourg and Euroclear and/or any other relevant Clearing System, will increase or decrease, if appropriate, the number of Securities represented by such Regulation S Global Security or Rule 144A Global Security, whereupon the number of Securities represented by such Regulation S Global Security or Rule 144A Global Security, as the case may be, shall be increased or decreased, if appropriate, for all purposes by the number so transferred and endorsed; or
  - (B) the New York Security Agent, in the case of transfers to and/or from a person who takes delivery in the form of Securities represented by a Rule 144A Global Security held by a Custodian on behalf of DTC, will increase or decrease, if appropriate, the number of Securities represented by such Rule 144A Global Security, whereupon the number of Securities represented by such Rule 144A Global Security shall be increased or decreased, if appropriate, for all purposes by the number so transferred and endorsed.
- (b) Transfers of Securities to a person who takes delivery in the form of Private Placement Definitive Securities may be made only in accordance with the following provisions:
  - (i) (A) in the case of transfers from a Holder of Private Placement Definitive Securities, upon (I) delivery of a duly executed investor representation letter from the relevant transferee in accordance with paragraph (c) below and (II) certification (in the form from time to time available from any Security Agent) to the Definitive Security Agent by the transferor thereof that such transfer is being made to a person whom the transferor reasonably believes is an AI acquiring such Securities in a transaction exempt from the registration requirements of the Securities Act;
  - (B) in the case of transfers from a Holder of Securities represented by a Rule 144A Global Security, upon (I) delivery of a duly executed investor representation letter from the relevant transferee in accordance with paragraph (c) below and (II) certification (in the form from time to time available from any Security Agent) to the Definitive Security Agent by the transferor thereof that such transfer is being made to (x) a person whom the transferor reasonably believes is an AI acquiring such Securities in

## TERMS AND CONDITIONS OF THE SECURITIES

a transaction exempt from the registration requirements of the Securities Act, in the case of U.S. Securities issued by BNPP or (y) a person whom the transferor reasonably believes is a QIB and a QP in a transaction meeting the requirements of Rule 144A, in the case of U.S. Securities issued by BNPP B.V.; and

- (C) in each case, in accordance with any applicable securities laws of any state of the United States and any applicable rules and regulations of the New York Security Agent, the Definitive Security Agent, the relevant Clearing System and/or as specified in the applicable Final Terms.
- (ii) The Holder must send:
- (A) in the case of transfers of Private Placement Definitive Securities, a free of payment instruction to the Definitive Security Agent not later than 5.00 p.m. New York City time, at least two Business Days in New York prior to the date on which the transfer is to take effect;
  - (B) in the case of transfers of Securities represented by a Regulation S Global Security or a Rule 144A Global Security held by a Common Depositary on behalf of Clearstream, Luxembourg and Euroclear and/or any other relevant Clearing System, a free of payment instruction to Clearstream, Luxembourg or Euroclear and/or any other relevant Clearing System, as the case may be, not later than 10.00 a.m. local time in the city of the relevant Clearing System, one Business Day in the city of the relevant Clearing System prior to the date on which the transfer is to take effect; and
  - (C) in the case of transfers of Securities represented by a Rule 144A Global Security held by a Custodian on behalf of DTC, a free of payment instruction to DTC, not later than 5.00 p.m. New York City time, at least two Business Days in New York prior to the date on which the transfer is to take effect.

Separate payment arrangements are required to be made between the transferor and the transferee.

- (iii) On the transfer date:
- (A) in the case of transfers of Securities represented by a Clearing System Global Security, the relevant Clearing System will debit the account of its participant and, in the case of transfers of Private Placement Definitive Securities, the Holder must deliver the Private Placement Definitive Securities the subject of the transfer to the Definitive Security Agent and instruct the Definitive Security Agent to cancel the transferred Private Placement Definitive Securities; and
  - (B) the relevant Clearing System or the Holder, as the case may be, will instruct the Definitive Security Agent to deliver or procure the delivery of new Private Placement Definitive Securities, of a like number to the number of Securities transferred, to the transferee at its specified office or send such new Private Placement Definitive Securities, by uninsured mail, at the risk of the transferee, to such address as the transferee may request.
- (iv) Upon any such transfer, on the transfer date:
- (A) the Principal Security Agent will, in the case of transfers of Securities represented by a Regulation S Global Security or Rule 144A Global Security held by a Common

## TERMS AND CONDITIONS OF THE SECURITIES

Depository on behalf of Clearstream, Luxembourg and Euroclear and/or any other relevant Clearing System, decrease the number of Securities represented by such Regulation S Global Security or Rule 144A Global Security, if appropriate, whereupon the number of Securities represented by such Regulation S Global Security or Rule 144A Global Security shall, if appropriate, be reduced for all purposes by the number so transferred or exchanged and endorsed; or

- (B) the New York Security Agent will, in the case of transfers of Securities represented by a Rule 144A Global Security held by a Custodian on behalf of DTC, decrease the number of Securities represented by such Rule 144A Global Security, if appropriate, whereupon the number of Securities represented by such Rule 144A Global Security shall, if appropriate, be decreased for all purposes by the number so transferred and endorsed.
- (c) In the case of transfers of Securities to a person who takes delivery in the form of a Private Placement Definitive Security, the delivery of a duly executed investor representation letter in the form set out in the Agency Agreement (an "**Investor Representation Letter**") from the relevant transferee to the Definitive Security Agent is a condition precedent to the transfer of such Private Placement Definitive Security or any beneficial interests therein. The Investor Representation Letter must be duly executed by such proposed transferee or such proposed transferee's attorney duly authorised in writing, at least three Business Days in New York prior to the date the transfer of such Private Placement Definitive Security is desired. Any attempted transfer in which the Investor Representation Letter and the proposed transfer was not effected in accordance with the foregoing procedures shall not be valid or binding on the Issuer.

If (i) the Principal Security Agent (in relation to Regulation S Global Securities or Rule 144A Global Securities held by a Common Depository on behalf of Clearstream, Luxembourg and Euroclear and/or any other relevant Clearing System) or (ii) the New York Security Agent (in relation to Rule 144A Global Securities held by a Custodian on behalf of DTC) or (iii) the Definitive Security Agent (in relation to Private Placement Definitive Securities) subsequently determines or is subsequently notified by the Issuer that (A) a transfer or attempted or purported transfer of any interest in a Private Placement Definitive Security was consummated in compliance with the provisions of this paragraph on the basis of an incorrect form or certification from the transferee or purported transferee as set forth in the relevant Investor Representation Letter, or (B) the Holder of any interest in any Security was in breach, at the time given, of any representation or agreement given by such Holder (including, but not limited to, in the case of Private Placement Definitive Securities, any such representation or agreement set forth in the relevant Investor Representation Letter) or (iii) a transfer or attempted transfer of any interest in any Security was consummated that did not comply with the transfer restrictions set forth in this Condition 2.4, the purported transfer shall be absolutely null and void *ab initio* and shall vest no rights in the purported transferee (such purported transferee, a "**Disqualified Transferee**") and the last preceding Holder of such interest that was not a Disqualified Transferee shall be restored to all rights as a Holder thereof retroactively to the date of transfer of such interest by such Holder.

- (d) In the case of transfers of Securities to a person who takes delivery in the form of Securities represented by a Rule 144A Global Security the transferor shall have agreed in an Investor Representation Letter to certain restrictions on transfer and, the transfer shall be subject to the delivery of a duly executed Investor Representation Letter from the relevant transferee to BNPP or BNPP B.V. as applicable. Any attempted transfer that is not in accordance with the procedures set forth in the transferor's Investor Representation Letter and with any procedures set forth in any applicable U.S. wrapper to the Base Prospectus shall not be valid or binding on BNPP or BNPP B.V.

## TERMS AND CONDITIONS OF THE SECURITIES

### 2.6 Transfer of Swedish Dematerialised Securities

Title to Swedish Dematerialised Securities will pass upon entry in the Euroclear Sweden Register (or, if applicable, notice to a nominee under the terms of the SFIA Act) in accordance with the SFIA Act.

### 2.7 Transfer of Finnish Dematerialised Securities

Title to Finnish Dematerialised Securities shall pass by transfer from a Holder's book-entry account to another person's, whether a legal person or an individual, book-entry account within Euroclear Finland (except where the Finnish Dematerialised Securities are nominee-registered and are transferred from one account to another account with the same nominee). Finnish Dematerialised Securities will be transferable only in accordance with the legislation, rules and regulations applicable to, and/or issued by, Euroclear Finland.

### 2.8 Transfer of Italian Dematerialised Securities

Title to Italian Dematerialised Securities will pass upon registration of the transfer in the records of Monte Titoli.

### 2.9 Transfer of Danish Dematerialised Securities

Title to Danish Dematerialised Securities will pass upon entry in the VP Denmark Register (or, if applicable, notice to a nominee under the terms of the Danish Securities Trading Act) in accordance with the provisions of the Danish Securities Trading Act.

### 2.10 Transfer of Norwegian Dematerialised Securities

Title to the Norwegian Dematerialised Securities shall pass by registration in the VPS Norway Register in accordance with the Norwegian Securities Registration Act and the VPS Norway Rules.

### 2.11 Transfer of Polish Dematerialised Securities

Title to Polish Dematerialised Securities shall pass through the member(s) (*uczestnik*) of the KDPW Poland System, as defined in the KDPW Poland Rules.

### 2.12 Transfer of CREST Dematerialised Securities

All transactions (including transfers) in respect of CREST Dematerialised Securities in the open market or otherwise must be effected through an account at the Operator subject to and in accordance with the rules and procedures for the time being of the Operator. Title will pass upon registration of the transfer in the Operator register of eligible debt securities.

## 3. STATUS OF THE SECURITIES AND GUARANTEE

Where the Issuer is BNPP B.V. or BNPP, the Securities are unsubordinated and unsecured obligations of the relevant Issuer and rank *pari passu* among themselves.

The term "unsubordinated obligations" refers, in the case of Securities issued by BNPP, to senior preferred obligations which fall or are expressed to fall within the category of obligations described in article L.613-30-3-I-3° of the French *Code monétaire et financier*. Additionally, BNPP may not issue senior non-preferred securities pursuant to these Terms and Conditions.

Where the Issuer is BNPP B.V., the Guarantee is a senior preferred obligation (within the meaning of Article L.613-30-3-I-3° of the French *Code monétaire et financier*) and an unsecured obligation of BNPP and will rank *pari passu* with all its other present and future senior preferred and unsecured obligations subject to such exceptions as may from time to time be mandatory under French law.

## TERMS AND CONDITIONS OF THE SECURITIES

Unless Waiver of Set-Off is specified as not applicable in the applicable Final Terms, no Holder may exercise or claim any Waived Set-Off Rights against any right, claim, or liability the Issuer (or, if applicable, the Guarantor) has or may have or acquire against such holder, directly or indirectly, howsoever arising (and, for the avoidance of doubt, including all such rights, claims and liabilities arising under or in relation to any and all agreements or other instruments of any sort or any non-contractual obligations, in each case whether or not relating to the relevant Securities) and each such holder shall be deemed to have waived all Waived Set-Off Rights to the fullest extent permitted by applicable law in relation to all such actual and potential rights, claims and liabilities.

For the avoidance of doubt, nothing in this Condition 3 is intended to provide or shall be construed as acknowledging any right of deduction, set-off, netting, compensation, retention or counterclaim or that any such right is or would be available to any holder of any Security but for this Condition 3.

For the purposes of this Condition 3, "**Waived Set-Off Rights**" means any and all rights of or claims of any holder of any Security for deduction, set-off, netting, compensation, retention or counterclaim arising directly or indirectly under or in connection with any such Security.

The potential impact on the Securities (or, if applicable, on the Guarantee) in the event of the resolution of BNPP is detailed in Condition 37 (*Recognition of Bail-in and Loss Absorption*).

### 4. GUARANTEE

Where the Issuer is BNPP B.V. subject as provided below and in the relevant Guarantee, the Guarantor has unconditionally and irrevocably (a) guaranteed to each Holder all obligations of the Issuer in respect of such Holder's Securities as and when such obligations become due and (b) agreed that if and each time that the Issuer fails to satisfy any obligations under such Securities as and when such obligations become due, the Guarantor will after a demand has been made on the Guarantor pursuant thereto (without requiring the relevant Holder first to take steps against the Issuer or any other person) make or cause to be made such payment or satisfy or cause to be satisfied such obligations as though the Guarantor were the principal obligor in respect of such obligations provided that in the case of Securities other than Credit Securities (i) in the case of Physical Delivery Certificates, notwithstanding that the Issuer had the right to vary settlement in respect of such Physical Delivery Securities in accordance with Condition 5.3 and exercised such right or failed to exercise such right, the Guarantor will have the right to elect not to deliver or procure delivery of the Entitlement to the Holders of such Physical Delivery Securities, but in lieu thereof, to make payment in respect of each such Physical Delivery Security of an amount determined by the Guarantor acting in good faith and in a commercially reasonable manner equal to the Cash Settlement Amount that would have been payable upon redemption of such Securities assuming they were Cash Settled Securities calculated pursuant to the terms of the relevant Final Terms, or in the case of lack of liquidity of the underlying, the fair market value of such Security less, unless Unwind Costs are specified as not applicable in the applicable Final Terms, the costs of unwinding any underlying related hedging arrangements (the "**Guaranteed Cash Settlement Amount**") and (ii) in the case of Securities where the obligations of the Issuer which fall to be satisfied by the Guarantor constitute the delivery of the Entitlement to the Holders, the Guarantor will as soon as practicable following the failure by the Issuer to satisfy its obligations under such Securities deliver or procure delivery of such Entitlement using the method of delivery specified in the applicable Final Terms provided that, if in the opinion of the Guarantor, delivery of the Entitlement using such method is not practicable by reason of (A) a Settlement Disruption Event (as defined in Condition 5.1) or (B) if "Failure to Deliver due to Illiquidity" is specified as applying in the applicable Final Terms, a Failure to Deliver due to Illiquidity (as defined in Condition 15.1), in lieu of such delivery the Guarantor will make payment in respect of each such Security of, in the case of (A) above, the Guaranteed Cash Settlement Amount or, in the case of (B) above, the Failure to Deliver Settlement Price (as defined in Condition 15.2). Any payment of the Guaranteed Cash Settlement Amount or the Failure to Deliver Settlement Price, as the case may be, in respect of a Security shall constitute a complete discharge of the Guarantor's obligations in respect of such Security.

## TERMS AND CONDITIONS OF THE SECURITIES

Payment of the Guaranteed Cash Settlement Amount as the Failure to Deliver Settlement Price, as the case may be, will be made in such manner as shall be notified to the Holders in accordance with Condition 10.

### 5. GENERAL PROVISIONS RELATING TO SETTLEMENT IN RESPECT OF SECURITIES

#### 5.1 Physical Settlement Disruption

If, in the opinion of the Calculation Agent, delivery of the Entitlement using the method of delivery specified in the applicable Final Terms or such commercially reasonable manner as the Calculation Agent has determined is not practicable by reason of a Settlement Disruption Event (as defined below) having occurred and continuing on any Delivery Date, then such Delivery Date, for such Securities shall be postponed to the first following Settlement Business Day in respect of which there is no such Settlement Disruption Event, provided that the Issuer may elect to satisfy its obligations in respect of the relevant Security by delivering the Entitlement using such other commercially reasonable manner as it may select and in such event the Delivery Date shall be such day as the Issuer deems appropriate in connection with delivery of the Entitlement in such other commercially reasonable manner. For the avoidance of doubt, where a Settlement Disruption Event affects some but not all of the Relevant Assets comprising the Entitlement, the Delivery Date, as the case may be, for the Relevant Assets not affected by the Settlement Disruption Event will be the originally designated Delivery Date.

For so long as delivery of the Entitlement is not practicable by reason of a Settlement Disruption Event, then in lieu of physical settlement and notwithstanding any other provision hereof, except in the case of U.S. Securities (in which case another price or prices will be specified in the applicable Final Terms), the Issuer may elect to satisfy its obligations in respect of the relevant Security by payment to the relevant Holder of the Disruption Cash Settlement Price (as defined below) on the fifth Business Day following the date that notice of such election is given to the Holders in accordance with Condition 10. Payment of the Disruption Cash Settlement Price will be made in such manner as shall be notified to the Holders in accordance with Condition 10. The Calculation Agent shall give notice as soon as practicable to the Holders in accordance with Condition 10 that a Settlement Disruption Event has occurred. No Holder shall be entitled to any payment in respect of the relevant Security in the event of any delay in the delivery of the Entitlement due to the occurrence of a Settlement Disruption Event and no liability in respect thereof shall attach to the Issuer or the Guarantor (if any).

For the purposes hereof:

**"Disruption Cash Settlement Price"** means, in respect of any relevant Security, the fair market value of such Security (disregarding, where the Settlement Disruption Event affected some but not all of the Relevant Assets comprising the Entitlement and such non-affected Relevant Assets have been duly delivered as provided above, the value of such non-affected Relevant Assets), less, unless Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements all as determined by the Issuer acting in good faith and in a commercially reasonable manner;

**"Settlement Business Day"** has the meaning specified in the applicable Final Terms; and

**"Settlement Disruption Event"** means, in the opinion of the Calculation Agent or, if the proviso to Condition 4 applies, the Guarantor, an event beyond the control of the Issuer or, if the proviso to Condition 4 applies, the Guarantor, as a result of which the Issuer or the Guarantor, as the case may be, cannot make delivery of the Relevant Asset(s) using the method specified in the applicable Final Terms.

#### 5.2 Failure to Deliver due to Illiquidity

**"Failure to Deliver due to Illiquidity"**, if specified as applying in the applicable Final Terms, will be an Optional Additional Disruption Event, as described in Condition 15.1.

#### 5.3 Variation of Settlement

## TERMS AND CONDITIONS OF THE SECURITIES

- (a) If the applicable Final Terms indicate that the Issuer has an option to vary settlement in respect of the Securities (which, unless otherwise specified, will not apply to U.S. Securities), the Issuer may in respect of each such Security elect not to pay the relevant Holders the Cash Settlement Amount or to deliver or procure delivery of the Entitlement to the relevant Holders, as the case may be, but, in lieu thereof to deliver or procure delivery of the Entitlement or make payment of the Cash Settlement Amount on the Redemption Date to the relevant Holders, as the case may be. Notification of such election will be given to Holders in accordance with Condition 10.
- (b) If specified in the applicable Final Terms, the Issuer shall, in respect of each such Security or in lieu of delivering or procuring the delivery of the Entitlement to the relevant Holders, make payment of the Cash Settlement Amount on the Delivery Date to the relevant Holders.

### 5.4 Issuer's Option to Substitute Assets or to pay the Alternate Cash Amount

Unless Issuer's Option to Substitute is specified as not applicable in the applicable Final Terms, following a valid redemption of Securities in accordance with these Conditions, the Issuer may in respect of such Securities, if the Calculation Agent determines (acting in good faith and in a commercially reasonable manner) that the Relevant Asset or Relevant Assets, as the case may be, comprise(s) shares or interests in ETIs which are not freely tradable, elect either (a) to substitute for the Relevant Asset or the Relevant Assets, as the case may be, an equivalent value (as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner) of such other shares or interests in ETIs which the Calculation Agent determines, acting in good faith and in a commercially reasonable manner, are freely tradable (the "**Substitute Asset**" or the "**Substitute Assets**", as the case may be) or (b) not to deliver or procure the delivery of the Entitlement or the Substitute Asset or Substitute Assets, as the case may be, to the relevant Holders, but in lieu thereof to make payment to the relevant Holders on the Delivery Date of an amount equal to the fair market value of the Entitlement on the Valuation Date as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner by reference to such sources as it considers appropriate (the "**Alternate Cash Amount**"). Notification of any such election will be given to Holders in accordance with Condition 10.

For the purposes hereof, a "**freely tradable**" share or interest in an ETI shall mean (i) with respect to the United States, a share or interest in an ETI, as the case may be, which is registered under the Securities Act or not restricted under the Securities Act and which is not purchased from the issuer of such share or interest in an ETI, as the case may be, and not purchased from an Affiliate of the issuer of such share or interest in an ETI, as the case may be, or which otherwise meets the requirements of a freely tradable share or interest in an ETI, as the case may be, for purposes of the Securities Act, in each case, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner or (ii) with respect to any other jurisdiction, a share or interest in an ETI, as the case may be, not subject to any legal restrictions on transfer in such jurisdiction.

### 5.5 Commodity Securities shall not be Physical Delivery Securities.

### 5.6 FX Settlement Disruption Event

If (a) FX Settlement Disruption Event Determination is specified as applicable in the applicable Final Terms and the Calculation Agent determines that the FX Settlement Disruption Event is not attributable to the Issuer, but substantially alters the economics of the Securities compared to the economics as of the Issue Date and the Settlement Currency specified in the applicable Final Terms is a Relevant Currency or (b) if FX Settlement Disruption Event Determination is not specified as applicable in the applicable Final Terms and the Settlement Currency specified in the applicable Final Terms is a Relevant Currency, "FX Settlement Disruption" will apply, and:

- (i) If on the second Business Day prior to the Disrupted Settlement Date, the Calculation Agent (acting in good faith and in a commercially reasonable manner) determines that a FX Settlement Disruption Event has occurred and is subsisting, the Issuer shall give notice (a "**FX Settlement Disruption Notice**") to

## TERMS AND CONDITIONS OF THE SECURITIES

the Holders in accordance with Condition 10 as soon as reasonably practicable thereafter and, in any event, prior to the due date for payment of the relevant Disrupted Amount as the case may be.

- (ii) Following the occurrence of a FX Settlement Disruption Event:
  - (A) the date for payment of the relevant Disrupted Amount will be postponed to (i) the second Business Day following the date on which the Calculation Agent determines that a FX Settlement Disruption Event is no longer subsisting or if earlier (ii) the date falling thirty calendar days following the Redemption Date or other scheduled date for payment, as applicable, of the relevant Disrupted Amount (the "**FX Settlement Disruption Cut-off Date**") which, for the avoidance of doubt, may be later than the scheduled Redemption Date; and
  - (B) (i) in the case of (A)(i) above, the Issuer will pay or cause to be paid the relevant Disrupted Amount, less (except in the case of Italian Securities) FX Settlement Disruption Expenses (if any), in the Settlement Currency or (ii) in the case of (A)(ii) above, in lieu of paying the relevant Disrupted Amount in the Settlement Currency, the Issuer will, subject to sub-paragraph (iii) below, convert the relevant Disrupted Amount into the FX Settlement Disruption Currency (using the FX Settlement Disruption Exchange Rate determined by the Calculation Agent for the relevant Disrupted Settlement Date) and will pay or cause to be paid the relevant Disrupted Amount, less (except in the case of Italian Securities) FX Settlement Disruption Expenses (if any), in the FX Settlement Disruption Currency on the FX Settlement Disruption Cut-off Date;
- (iii) If sub-paragraph (ii)(A)(ii) applies, the Calculation Agent will determine the FX Settlement Disruption Exchange Rate acting in good faith and in a commercially reasonable manner in accordance with the following procedures:
  - (A) the FX Settlement Disruption Exchange Rate shall be the arithmetic mean (rounded, if necessary, to four decimal places (with 0.00005 being rounded upwards)) as determined by or on behalf of the Calculation Agent of the bid and offer Settlement Currency/FX Settlement Disruption Currency exchange rates provided by two or more leading dealers on a foreign exchange market (as selected by the Calculation Agent) on such day; or
  - (B) if fewer than two leading dealers provide the Calculation Agent with bid and offer Settlement Currency/FX Settlement Disruption Currency exchange rates on such day, the Calculation Agent shall determine the FX Settlement Disruption Exchange Rate acting in good faith and in a commercially reasonable manner.
- (iv) For the avoidance of doubt:
  - (A) No Interest Period or Premium Amount Period will be adjusted as a result of the postponement of any interest payment or premium amount payment pursuant to this Condition 5.6; and
  - (B) No additional interest or premium amount will be payable in respect of any postponement of the relevant due date for payment.
- (v) For the avoidance of doubt, nothing contained in this Condition 5.6 shall prevent the Issuer from determining that an Additional Disruption Event and/or Optional Additional Disruption Event has occurred, in which case, the provisions of Condition 15 shall prevail in the event of any conflict between this Condition 5.6 and Condition 15.
- (vi) For these purposes:



## TERMS AND CONDITIONS OF THE SECURITIES

**"Disrupted Amount"** means any Cash Settlement Amount, Interest Amount, Premium Amount or other amount payable;

**"Disrupted Settlement Date"** means the Redemption Date or any other due date for payment;

**"FX Settlement Disruption Currency"** means USD;

**"FX Settlement Disruption Event"** means the occurrence of an event which makes it unlawful, impossible or otherwise impracticable to pay the relevant Disrupted Amount in the Settlement Currency on the scheduled Redemption Date or other date for payment;

**"FX Settlement Disruption Exchange Rate"** means the rate of exchange between the Settlement Currency (as specified in the applicable Final Terms) and the FX Settlement Disruption Currency, determined by the Calculation Agent in accordance with the provisions of sub-paragraph (iii) above;

**"FX Settlement Disruption Expenses"** means the sum of (i) the cost to the Issuer and/or its affiliates of unwinding any hedging arrangements related to the Securities and (ii) any transaction, settlement or other costs and expenses arising directly out of the occurrence of a FX Settlement Disruption Event or the related payment of the Disrupted Amount, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner; and

**"Relevant Currency"** means each of Emirati Dirhams ("**AED**"), Argentinian Pesos ("**ARS**"), Australian Dollars ("**AUD**"), Bermudan Dollars ("**BMD**"), Bulgarian Leva ("**BGN**"), Bahraini Dinars ("**BHD**"), Botswana Pula ("**BWP**"), Brazilian Reais ("**BRL**"), Canadian Dollars ("**CAD**"), Swiss Francs ("**CHF**"), Chilean Pesos ("**CLP**"), Chinese Yuan ("**CNY**"), Czech Koruna ("**CZK**"), Danish Kroner ("**DKK**"), Great British Pounds ("**GBP**"), Ghanaian Cedis ("**GHS**"), Hong Kong Dollars ("**HKD**"), Croatian Kuna ("**KRJ**"), Hungarian Forints ("**HUF**"), Indonesian Rupiah ("**IDR**"), Israeli Shekels ("**ILS**"), Icelandic Krónur ("**ISK**"), Jordanian Dinars ("**JOD**"), Japanese Yen ("**JPY**"), Kenyan Shillings ("**KES**"), Kuwaiti Dinars ("**KWD**"), Kazakhstani Tenges ("**KZT**"), Lebanese Pounds ("**LBP**"), Moroccan Dirhams ("**MAD**"), Mauritian Rupees ("**MUR**"), Mexican Pesos ("**MXN**"), Malaysian Ringgits ("**MYR**"), Namibian Dollars ("**NAD**"), Nigerian Naira ("**NGN**"), Norwegian Kroner ("**NOK**"), New Zealand Dollars ("**NZD**"), Omani Riyals ("**OMR**"), Peruvian Nuevos Soles ("**PEN**"), Philippine Pesos ("**PHP**"), Polish Zloty ("**PLN**"), Qatari Riyals ("**QAR**"), Romanian Lei ("**RON**"), Russian Roubles ("**RUB**"), Saudi Riyals ("**SAR**"), Swedish Kronor ("**SEK**"), Singaporean Dollars ("**SGD**"), Thai Baht ("**THB**"), Tunisian Dinars ("**TND**"), Turkish Lira ("**TRY**") and South African Rand ("**ZAR**").

## 6. GENERAL

None of the Issuers, the Guarantor (if applicable), the Calculation Agent, the Euroclear Registrar (if applicable) and any Security Agent shall have any responsibility for any errors or omissions (to the extent permitted by any applicable law) in the calculation of any Cash Settlement Amount or of any Entitlement unless, in the case of Italian Securities, such errors or omissions are due to its own wilful misconduct or gross negligence.

The purchase of Securities does not confer on any Holder of such Securities any rights (whether in respect of voting, distributions or otherwise) attaching to any Relevant Asset.

In making any election, modification, determination or adjustment, the Issuer or the Calculation Agent, as applicable, will act in good faith and in a commercially reasonable manner, to preserve or restore the economics of the agreed terms, as far as reasonably practicable. Any such election, modification, determination or adjustment shall not create a significant imbalance between the rights and obligations of the Issuer compared to the Holders, to the detriment of the Holders.

## TERMS AND CONDITIONS OF THE SECURITIES

If Essential Trigger is specified as applicable in the applicable Final Terms, the Issuer or the Calculation Agent, as the case may be, may only modify or adjust the terms of the Certificates (other than modifications or adjustments that do not relate to essential characteristics of the Certificates) or redeem the Certificates prior to their scheduled Redemption Date, as described in the Terms and Conditions, following an event or circumstance (or combination of events or circumstances) that (a) is not attributable to the Issuer that significantly alters the economics of the Certificates compared to the economics as of the Issue Date, or (b) constitutes a force majeure.

For the purpose of this Condition, essential characteristics of the Certificates means characteristics of the Certificates that are considered essential to the Holders generally, including without limitation the yield (coupon structure), the Underlying Reference, the principal protected amount (if any), the identity of the Issuer and of the Guarantor and the scheduled Redemption Date.

### 7. ILLEGALITY AND FORCE MAJEURE

#### 7.1 Illegality

If the Issuer determines that the performance of its obligations under the Securities has become illegal in whole or in part for any reason, the Issuer may redeem all but not some only of the Securities by giving notice to Holders in accordance with Condition 10, provided that, if such illegality also constitutes a force majeure, the provisions of Condition 7.2 will apply.

If the Issuer redeems the Securities then, if and to the extent permitted by applicable law, and except as may be limited in the case of U.S. Securities:

- (a) if Highest Value is specified as applicable in the applicable Final Terms, the Issuer will pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Condition 34.12(a);
- (b) if Market Value is specified in the applicable Final Terms, the Issuer will pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Condition 34.12(b); or
- (c) if Monetisation Option is specified as applicable in the applicable Final Terms, the Issuer will pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Condition 34.12(c); or
- (d) otherwise, the Issuer will pay an amount to each Holder in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security notwithstanding such illegality less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Condition 10.

Should any one or more of the provisions contained in these Terms and Conditions be or become invalid, the validity of the remaining provisions shall not in any way be affected thereby.

#### 7.2 Force Majeure

If the Issuer determines that by reason of force majeure or act of state occurring after the Trade Date it becomes impossible to perform its obligations under the Securities, the Issuer may either (i) take the action described in Condition 15.2(a), or if applicable, (c) or (d) (save that references to "Additional Disruption Event" and/or "Optional Additional Disruption Event", as applicable, will be deemed to be references to "force majeure"), or

## TERMS AND CONDITIONS OF THE SECURITIES

(ii) redeem all, but not some only, of the Securities by giving notice to Holders in accordance with Condition 10.

If the Issuer redeems the Securities then the Issuer will:

- (a) if Condition 7.2(a) is specified in the applicable Final Terms, pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security, taking into account such force majeure or act of state, provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted; or
- (b) if Condition 7.2(b) is specified in the applicable Final Terms, if and to the extent possible or practicable, pay an amount (if any) to each Holder in respect of each Security held by such Holder, which amount shall be equal to the fair market value (if any) of a Security taking into account such force majeure or act of state less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner.

Any payment will be made in such manner as shall be notified to the Holders in accordance with Condition 10.

### 8. PURCHASES

#### 8.1 Purchase and cancellation by BNPP B.V.

The Issuer may, but is not obliged to, at any time purchase Securities at any price in the open market or by tender or private treaty. Securities so purchased may be held or resold or surrendered for cancellation, provided however, that Securities so purchased may only be resold pursuant to an exemption from the registration requirements of the Securities Act under Rule 144A, Regulation S or otherwise thereunder and, in the case of a purchase or cancellation of Securities that are CREST Dematerialised Securities, such securities must be transferred to the Euroclear Registrar for cancellation.

#### 8.2 Purchase by BNPP

The Issuer may, but is not obliged to, at any time purchase Securities at any price in the open market or by tender or private treaty.

Securities so purchased by the Issuer may be held or resold in accordance with applicable laws and regulations or cancelled.

#### 8.3 Cancellation by BNPP

All Securities which are purchased for cancellation by the Issuer will forthwith be cancelled and accordingly may not be re-issued or resold.

### 9. SECURITY AGENTS, REGISTRAR, DETERMINATIONS, MEETINGS PROVISIONS AND MODIFICATIONS

#### 9.1 Security Agents and Registrar

The specified offices of each of the Security Agents and the Registrar are as set out at the end of these Terms and Conditions.

Each of the Issuer and the Guarantor, if any, reserves the right at any time to vary or terminate the appointment of any Security Agent or the Registrar and to appoint further or additional Security Agents or a further or

## TERMS AND CONDITIONS OF THE SECURITIES

additional Registrar, provided that no termination of appointment of the Security Agent or the Registrar, as the case may be, shall become effective until a replacement Security Agent or a replacement Registrar, as the case may be, shall have been appointed and provided that, so long as any of the Securities are listed on a stock exchange or are admitted to trading by another relevant authority, there shall be a Security Agent having a specified office in each location required by the rules and regulations of the relevant stock exchange or other relevant authority and, if the Securities are Registered Securities, there shall be a Registrar. So long as any of the Securities are Private Placement Definitive Securities, there shall be a Definitive Security Agent, and so long as any of the Securities are represented by a Rule 144A Global Security held by a Custodian on behalf of DTC, there shall be a New York Security Agent. For so long as any of the Securities are CBF Certificates there shall be a Frankfurt Certificate Agent. Notice of any termination of appointment and of any changes in the specified office of any of the Security Agents or the Registrar will be given to Holders in accordance with Condition 10. In acting under the Agency Agreement, the Security Agent and the Registrar act solely as agents of the Issuer and the Guarantor, if any, and do not assume any obligation or duty to, or any relationship of agency or trust for or with, the Holders and any determinations and calculations made in respect of the Securities by the Security Agent or the Registrar shall (save in the case of manifest error) be final, conclusive and binding on the Issuer, the Guarantor, if any, and the respective Holders.

In the case of CREST Dematerialised Securities, BNPP B.V. is entitled to vary or terminate the appointment of the Euroclear Registrar, provided that (a) there will at all times be a Euroclear Registrar and (b) so long as the Securities are listed on any stock exchange or admitted to listing by any other relevant authority, there will at all times be a Euroclear Registrar with a specified office in such place as may be required by the rules and regulations of the relevant stock exchange or other relevant authority. In acting under the Euroclear Agreement, the Euroclear Registrar acts solely as agent of BNPP B.V. as Issuer and BNPP as Guarantor and does not assume any obligation to, or relationship of agency or trust with the Holders.

In the case of Swedish Dematerialised Securities the relevant Issuer is entitled to vary or terminate the appointment of the Swedish Security Agent, provided that it appoints another Swedish Security Agent that is duly authorised under the SFIA Act as an account operator.

In the case of Finnish Dematerialised Securities the relevant Issuer is entitled to vary or terminate the appointment of the Finnish Security Agent, provided that it appoints another Finnish Security Agent, that is duly authorised under the Central Securities Depositories Regulation and the Finnish Act on the Book-Entry System and Clearing (*Fin. laki arvo-osuusjärjestelmästä ja selvitystoiminnasta* (348/2017)) as an account operator.

In the case of Danish Dematerialised Securities the relevant Issuer is entitled to vary or terminate the appointment of the Danish Security Agent, provided that it appoints another Danish Security Agent that is duly authorised under the Danish Securities Trading Act as an account operator.

In the case of Norwegian Dematerialised Securities the relevant Issuer is entitled to vary or terminate the appointment of the Norwegian Security Agent, provided that it appoints another Norwegian Security Agent that is duly authorised under the VPS Norway Rules as an account operator.

### 9.2 Calculation Agent

In relation to each issue of Securities, the Calculation Agent (whether it be BNP Paribas, BNP Paribas Arbitrage S.N.C. or another entity) acts solely as agent of the Issuer and the Guarantor, if any, and does not assume any obligation or duty to, or any relationship of agency or trust for or with, the Holders. All calculations and determinations made in respect of the Securities by the Calculation Agent shall (save in the case of manifest error) be final, conclusive and binding on the Issuer, the Guarantor, if any, and the Holders. Because the Calculation Agent may be an Affiliate of the Issuer, the Issuer itself or the Guarantor, potential conflicts of interest may exist between the Calculation Agent and the Holders, including with respect to certain determinations and judgments that the Calculation Agent must make.

## TERMS AND CONDITIONS OF THE SECURITIES

The Calculation Agent may, with the consent of the Issuer, delegate any of its obligations and functions to a third party as it deems appropriate.

### 9.3 Determinations by the Issuer and the Guarantor

Any determination made by the Issuer or the Guarantor, if any, pursuant to these Terms and Conditions shall, to the extent permitted by applicable law, (save in the case of manifest error) be final, conclusive and binding on the Issuer, the Guarantor, if any, and the Holders.

### 9.4 Meetings of Holders

#### (a) English Law Securities

In respect of English Law Securities, the Agency Agreement or (in the case of the CREST Dematerialised Securities) the Euroclear Agreement contains provisions for convening meetings (including by way of conference call or by use of a video conference platform) of the Holders of English Law Securities to consider any matter affecting their interests, including the sanctioning by Extraordinary Resolution (as defined in the Agency Agreement or, (in the case of CREST Dematerialised Securities) the Euroclear Agreement) of a modification of the Terms and Conditions or the Agency Agreement or, (in the case of CREST Dematerialised Securities) the Euroclear Agreement. At least 21 days' notice (exclusive of the day on which the notice is given and of the day on which the meeting is held) specifying the date, time and place of the meeting shall be given to Holders. Such a meeting may be convened by the Issuer, the Guarantor, if any, or Holders holding not less than 5 per cent. (by number) of the Securities for the time being remaining outstanding. The quorum at a meeting of the Holders (except for the purpose of passing an Extraordinary Resolution) will be two or more persons holding or representing not less than 20 per cent. (by number) of Securities for the time being remaining outstanding, or at any adjourned meeting two or more persons being or representing Holders whatever the number of English Law Securities so held or represented. The quorum at a meeting of Holders for the purpose of passing an Extraordinary Resolution will be two or more persons holding or representing not less than 50 per cent. (by number) of the Securities for the time being remaining outstanding, or at any adjourned meeting two or more persons being holding or representing not less than 10 per cent. (by number) of the Securities for the time being remaining outstanding. A resolution will be an Extraordinary Resolution when it has been passed at either (i) a duly convened meeting by not less than three fourths of the votes cast by Holders at such meeting who, being entitled to do so, vote in person or by proxy or (ii) consent given by way of electronic consents through the relevant clearing system(s) or CREST, as applicable, (in a form satisfactory to the Principal Security Agent or Registrar, as applicable, or, in the case of CREST Dematerialised Securities, the Euroclear Registrar) by or on behalf of persons representing not less than 75 per cent. (by number) of the Securities for the time being remaining outstanding. An Extraordinary Resolution passed by the Holders will be binding on all the Holders, whether or not they are present at any meeting and whether or not they voted on the resolution. Resolutions can be passed in writing if passed unanimously.

#### (b) French Law Securities

The French Law Securities may or may not constitute *obligations* within the meaning of Article L.213-5 of the French *Code Monétaire et Financier*.

In this Condition 9.4(b):

- (A) references to a "**General Meeting**" are to a general meeting of Holders of all Tranches of a single Series of French Law Securities and include, unless the context otherwise requires, any adjourned meeting thereof;
- (B) references to "**French Law Securities**", "**Securities**" and "**Holders**" are only to the French Law Securities of the Series in respect of which a General Meeting has been, or is to be, called, and to the

## TERMS AND CONDITIONS OF THE SECURITIES

French Law Securities of the Series in respect of which a Written Resolution has been, or is to be sought, and to the holders of those French Law Securities (excluding, for the avoidance of doubt, the Issuer), respectively;

- (C) "**outstanding**" has the meaning set out in Condition 9.4(b)(vi) below;
- (D) "**Electronic Consent**" has the meaning set out in Condition 9.4(b)(i)(G) below;
- (E) "**Written Resolution**" means a resolution in writing signed or approved by or on behalf of the holders of not less than 75 per cent. in nominal amount of the French Law Securities outstanding. References to a Written Resolution include, unless the context otherwise requires, a resolution approved by Electronic Consent; and
- (F) "**Written Resolution Date**" has the meaning set out in Condition 9.4(b)(i)(G) below;

In respect of the meeting and voting provisions applicable to a Series of French Law Securities, the relevant Final Terms shall specify one of the following options: "Not applicable", "Contractual representation of French Law Securities/No *Masse*", "Full *Masse*" or "Contractual *Masse*", as further described in this Condition 9.4(b).

"**Not applicable**" means that the relevant French Law Securities do not constitute *obligations* within the meaning of Article L.213-5 of the French *Code monétaire et financier*. In this case, Condition 9.4(b)(iv) below shall apply.

"**Contractual representation of Holders/No *Masse***" means that the relevant French Law Securities constitute *obligations* within the meaning of Article L.213-5 of the French *Code monétaire et financier* and will be specified in relation to French Law Securities which can be traded in amounts or have a notional amount of at least EUR 100,000 (or its equivalent in the relevant currency as of the Issue Date). In this case, Condition 9.4(b)(i) below shall apply.

"**Full *Masse***" means that the relevant French Law Securities constitute *obligations* within the meaning of Article L.213-5 of the French *Code monétaire et financier* and will be specified in relation to French Law Securities (i) which can be traded in amounts or have a notional amount of less than EUR 100,000 (or its equivalent in the relevant currency as of the Issue Date) and (ii) issued inside France. "Full *Masse*" may also be specified in relation to any other relevant French Law Securities, which constitute *obligations* within the meaning of Article L.213-5 of the French *Code Monétaire et Financier*. In this case, Condition 9.4(b)(ii) below shall apply.

"**Contractual *Masse***" means that the relevant French Law Securities constitute *obligations* within the meaning of Article L.213-5 of the French *Code monétaire et financier* and will be specified in relation to French Law Securities (i) which can be traded in amounts or have a notional amount of at least EUR 100,000 (or its equivalent in the relevant currency as of the Issue Date) or (ii) issued outside France (*à l'étranger*), within the meaning of Article L.228-90 of the French *Code de Commerce*. In this case, Condition 9.4(b)(iii) below shall apply.

- (i) Contractual representation of Holders/No *Masse*

If "Contractual representation of Holders/No *Masse*" is specified in the applicable Final Terms, the following meeting and voting provisions shall apply:

- (A) General

Pursuant to Article L.213-6-3 I of the French *Code monétaire et financier*:

- (a) the Holders shall not be grouped in a *masse* having separate legal personality and acting in part through a representative of the holders (*représentant de la masse*) and in part through general meetings; however,

## TERMS AND CONDITIONS OF THE SECURITIES

- (b) the following provisions of the French *Code de commerce* shall apply: Articles L.228-46-1, L.228-57, L.228-58, L.228-59, L.228-60, L.228-60-1, L.228-61 (with the exception of the first paragraph thereof), L.228-65 (with the exception of (i) subparagraphs 1°, 3°, 4° and 6° of paragraph I and (ii) paragraph II), L.228-66, L.228-67, L.228-68, L.228-76, L.228-88, R.228-65, R.228-66, R.228-67, R.228-68, R.228-70, R.228-71, R.228-72, R.228-73, R.228-74 and R.228-75 of the French *Code de commerce*, and
- (c) whenever the words "*de la masse*", "*d'une même masse*", "*par les représentants de la masse*", "*d'une masse*", "*et au représentant de la masse*", "*de la masse intéressée*", "*dont la masse est convoquée en assemblée*" or "*par un représentant de la masse*", appear in those provisions, they shall be deemed to be deleted, and subject to the following provisions of this Condition 9.4(b)(i).

### (B) Resolution

Subject to this Condition 9.4(b)(i) and in accordance with the provisions of Article L.228-46-1 of the French *Code de commerce*, a resolution (the "**Resolution**") may be passed (x) at a General Meeting in accordance with the quorum and voting rules described in paragraph 9.4(b)(i)(F) below or (y) by a Written Resolution.

A Resolution may be passed with respect to any matter that relates to the common rights (*intérêts communs*) of the Holders.

A Resolution may be passed on any proposal relating to the modification of the Conditions including any proposal, (i) whether for a compromise or settlement, regarding rights which are the subject of litigation or in respect of which a judicial decision has been rendered, (ii) relating to a total or partial waiver of the guarantees granted to the holders, or (iii) the amendment of any terms and provisions applicable to the French Law Securities.

For the avoidance of doubt, neither a General Meeting nor a Written Resolution has power, and consequently a Resolution may not be passed to decide on any proposal relating to:

- (a) the modification of the objects or form of the Issuer;
- (b) the issue of securities benefiting from a security over assets (*surêté réelle*) which will not benefit the holders of the French Law Securities;
- (c) the potential merger (*fusion*) or demerger (*scission*) including partial transfers of assets (*apports partiels d'actifs*) under the demerger regime of or by the Issuer; or
- (d) the transfer of the registered office of a European Company (*Societas Europaea – SE*) to a different Member State of the European Union.

However, each Holder is a creditor of the Issuer and as such enjoys, pursuant to Article L.213-6-3 IV of the French *Code monétaire et financier*, all the rights and prerogatives of individual creditors in the circumstances described under Condition 9.4(b)(i)(B)(c) and (d) above, including any right to object (*former opposition*).

Each Holder is entitled to bring a legal action against the Issuer for the defence of its own interests without the authorisation of the General Meeting.

The Holders may appoint a nominee to file a proof of claim in the name of all Holders in the event of judicial reorganisation procedure or judicial liquidation of the Issuer.

## TERMS AND CONDITIONS OF THE SECURITIES

Pursuant to Article L.228-85 of the French *Code de commerce*, in the absence of such appointment of a nominee, the judicial representative (*mandataire judiciaire*), at its own initiative or at the request of any Holder will ask the court to appoint a representative of the Holders who will file the proof of Holders' claim.

### (C) Convening of a General Meeting

A General Meeting may be held at any time, on convocation by the Issuer. One or more Holders, holding together at least one-thirtieth (by number) of the French Law Securities outstanding, may address to the Issuer a demand for convocation of the General Meeting. If such General Meeting has not been convened within two months after such demand, the Holders may commission one of their members to petition a competent court in Paris to appoint an agent (*mandataire*) who will call the General Meeting.

Notice of the date, hour, place and agenda of any General Meeting will be published as provided under Condition 10, not less than fifteen days prior to the date of such General Meeting on first convocation and, five days on second convocation.

### (D) Arrangements for Voting

Each Holder has the right to participate in a General Meeting in person, by proxy, by correspondence or by videoconference or by any other means of telecommunication allowing the identification of participating Holders.

Each French Law Security carries the right to one vote.

In accordance with Article R.228-71 of the French *Code de commerce*, the right of each Holder to participate in General Meetings will be evidenced by the entries in the books of the relevant account holder of the name of such Holder as of 0:00, Paris time, on the second Paris business day preceding the date set for the meeting of the relevant General Meeting.

Decisions of General Meetings must be published in accordance with the provisions set forth in Condition 10.

### (E) Chairman

The Holders present at a General Meeting shall choose one of them to be chairman (the "**Chairman**") by a simple majority of votes present or represented at such General Meeting (notwithstanding the absence of a quorum at the time of such vote). If the Holders fail to designate a Chairman, the Holder holding or representing the highest number of French Law Securities and present at such meeting shall be appointed Chairman, failing which the Issuer may appoint a Chairman. The Chairman appointed by the Issuer need not be a Holder. The Chairman of an adjourned meeting need not be the same person as the Chairman of the original meeting from which the adjournment took place.

### (F) Quorum and Voting

General Meetings may deliberate validly on first convocation only if Holders present or represented hold at least one fifth (by number) of the French Law Securities then outstanding. On second convocation, no quorum shall be required. Decisions at meetings shall be taken by a simple majority of votes cast by Holders attending (including by videoconference or by any other means of telecommunication allowing the identification of participating Holders) such General Meetings or represented thereat.



## TERMS AND CONDITIONS OF THE SECURITIES

### (G) Written Resolution and Electronic Consent

- (a) Pursuant to Article L.228-46-1 of the French *Code de commerce* the Issuer shall be entitled, in lieu of convening a General Meeting, to seek approval of a resolution from the Holders by way of a Written Resolution. Subject to the following sentence, a Written Resolution may be contained in one document or in several documents in like form, each signed by or on behalf of one or more of the Holders. Pursuant to Article L.228-46-1 of the French *Code de commerce*, approval of a Written Resolution may also be given by way of electronic communication ("**Electronic Consent**").
- (b) Notice seeking the approval of a Written Resolution (including by way of Electronic Consent) will be published as provided under Condition 10 not less than five days prior to the date fixed for the passing of such Written Resolution (the "**Written Resolution Date**"). Notices seeking the approval of a Written Resolution will contain the conditions of form and time-limits to be complied with by the Holders who wish to express their approval or rejection of such proposed Written Resolution. Holders expressing their approval or rejection before the Written Resolution Date will undertake not to dispose of their French Law Securities until after the Written Resolution Date.

### (H) Effect of Resolutions

A Resolution passed at a General Meeting or a Written Resolution (including by Electronic Consent) shall be binding on all Holders, whether or not present or represented at the General Meeting and whether or not, in the case of a Written Resolution (including by Electronic Consent), they have participated in such Written Resolution (including by Electronic Consent) and each of them shall be bound to give effect to the Resolution accordingly.

### (ii) Full *Masse*

If the relevant Final Terms specify "Full *Masse*", the Holders will be grouped automatically for the defence of their common interests constituting a separate legal body called *masse* (the "**Masse**"), the *Masse* will be governed by the provisions of Articles L.228-46 *et seq* of the French *Code de commerce*, as completed by, and subject to the provisions below.

#### (A) Legal Personality

The *Masse* will be a separate legal entity and will act in part through a representative of the *Masse* (the "**Representative**") and in part through a general meeting of the Holders (a "**General Meeting**"). The provisions of the French *Code de commerce* relating to the *Masse* shall apply, as completed by, and subject to, the provisions of this Condition.

#### (B) Representative of the *Masse*

Pursuant to Article L.228-51 of the French *Code de commerce*, the names and addresses of the initial Representative of the *Masse* and its alternate will be set out in the applicable Final Terms. The Representative appointed in respect of the first Tranche of any Series of French Law Securities will be the Representative of the single *Masse* of all Tranches in such Series.

The Representative will be entitled to such remuneration in connection with its functions or duties as set out in the relevant Final Terms.

## TERMS AND CONDITIONS OF THE SECURITIES

In the event of death, retirement or revocation of appointment of the Representative, such Representative will be replaced by another Representative. In the event of the death, retirement or revocation of appointment of the alternate Representative, an alternate will be elected by the general meeting of the Holders.

All interested parties will at all times have the right to obtain the names and addresses of the initial Representative and the alternate Representative at the head office of the Issuer and the specified offices of any of the Paying Agents.

### (C) General Meetings

In accordance with Article R.228-71 of the French *Code de commerce*, the right of each Holder to participate in General Meetings will be evidenced by the entries in the books of the relevant Account Holder of the name of such Holder as of 0:00, Paris time, on the second Paris Business Day (as defined in Condition 32(f)) preceding the date set for the meeting of the relevant General Meeting.

In accordance with Articles L.228-59 and R.228-67 of the French *Code de commerce*, notice of date, hour, place and agenda of any General Meeting will be published in accordance with Condition 10 not less than 15 days prior to the date of such General Meeting on first convocation, and five days on second convocation.

Each Holder has the right to participate in a General Meeting in person, by proxy, by correspondence and, in accordance with Article L.228-61 of the French *Code de commerce* by videoconference or by any other means of telecommunication allowing the identification of participating Holders.

Each French Law Security carries the right to one vote.

### (D) Written Resolution and Electronic Consent

(a) Pursuant to Article L.228-46-1 of the French *Code de commerce* the Issuer shall be entitled, in lieu of convening a General Meeting, to seek approval of a resolution from the Holders by way of a Written Resolution. Subject to the following sentence, a Written Resolution may be contained in one document or in several documents in like form, each signed by or on behalf of one or more of the Holders. Pursuant to Article L.228-46-1 of the French *Code de commerce*, approval of a Written Resolution may also be given by way of Electronic Consent.

(b) Notice seeking the approval of a Written Resolution (including by way of Electronic Consent) will be published as provided under Condition 10 not less than five days prior to the Written Resolution Date. Notices seeking the approval of a Written Resolution will contain the conditions of form and time-limits to be complied with by the Holders who wish to express their approval or rejection of such proposed Written Resolution. Holders expressing their approval or rejection before the Written Resolution Date will undertake not to dispose of their French Law Securities until after the Written Resolution Date.

### (iii) Contractual *Masse*

If the relevant Final Terms specify "Contractual *Masse*", the following meeting and voting provisions shall apply:

## TERMS AND CONDITIONS OF THE SECURITIES

The Holders will be grouped automatically for the defence of their common interests in a separate legal body called the *masse* (the "**Masse**"). The *Masse* will be governed by the provisions of Articles L.228-46 *et seq* of the French *Code de commerce*, with the exception of Articles L.228-48, L.228-65 subparagraphs 1°, 3°, 4° and 6° of I and II, L.228-71, R.228-63 and R.228-69, and further subject to the following provisions:

(A) Legal Personality

The *Masse* will be a separate legal entity and will act in part through a representative (the "**Representative**") and in part through a general meeting of the Holders (the "**General Meeting**").

(B) Representative

Pursuant to Article L.228-51 of the French *Code de commerce*, the names and addresses of the initial Representative of the *Masse* and its alternate will be set out in the relevant Final Terms. The Representative appointed in respect of the first tranche of any Series of French Law Securities will be the representative of the single *Masse* of all Tranches in such Series.

The Representative will be entitled to such remuneration in connection with its functions or duties as set out in the relevant Final Terms.

In the event of death, retirement or revocation of appointment of the Representative, such Representative will be replaced by another Representative. In the event of the death, retirement or revocation of appointment of the alternate Representative, a further alternate will be elected by the General Meeting of the Holders.

All interested parties will at all times have the right to obtain the names and addresses of the initial Representative and the alternate Representative at the head office of the Issuer and the specified offices of any of the Paying Agents.

(C) General Meeting

In accordance with Article R.228-71 of the French *Code de commerce*, the right of each Holder to participate in General Meetings will be evidenced by the entries in the books of the relevant Account Holder of the name of such Holder as of 0:00, Paris time, on the second Paris business day preceding the date set for the meeting of the relevant General Meeting.

In accordance with Articles L.228-59 and R.228-67 of the French *Code de commerce*, notice of date, hour, place and agenda of any General Meeting will be published as provided under Condition 10 not less than fifteen days prior to the date of such General Meeting on first convocation, and five days on second convocation.

Each Holder has the right to participate in a General Meeting in person, by proxy, by correspondence and, in accordance with Article L.228-61 of the French *Code de commerce* by videoconference or by any other means of telecommunication allowing the identification of participating Holders.

Each French Law Security carries the right to one vote.

(D) Chairman

The Holders present at a General Meeting shall choose one of them to be chairman (the "**Chairman**") by a simple majority of votes present or represented at such General Meeting

## TERMS AND CONDITIONS OF THE SECURITIES

(notwithstanding the absence of a quorum at the time of such vote). If the Holders fail to designate a Chairman, the Holder holding or representing the highest number of French Law Securities and present at such meeting shall be appointed Chairman, failing which the Issuer may appoint a Chairman. The Chairman appointed by the Issuer need not be a Holder. The Chairman of an adjourned meeting need not be the same person as the Chairman of the original meeting from which the adjournment took place.

### (E) Quorum and Voting

General Meetings may deliberate validly on first convocation only if Holders present or represented hold at least one fifth (by number) of the French Law Securities then outstanding. On second convocation, no quorum shall be required. Decisions at meetings shall be taken by a simple majority of votes cast by Holders attending (including by videoconference or by any other means of telecommunication allowing the identification of participating Holders) such General Meetings or represented thereat.

### (F) Written Resolution and Electronic Consent

(a) Pursuant to Article L.228-46-1 of the French *Code de commerce* the Issuer shall be entitled, in lieu of convening a General Meeting, to seek approval of a resolution from the Holders by way of a Written Resolution. Subject to the following sentence, a Written Resolution may be contained in one document or in several documents in like form, each signed by or on behalf of one or more of the Holders. Pursuant to Article L.228-46-1 of the French *Code de commerce*, approval of a Written Resolution may also be given by way of Electronic Consent.

(b) Notice seeking the approval of a Written Resolution (including by way of Electronic Consent) will be published as provided under Condition 10 not less than five days prior to the Written Resolution Date. Notices seeking the approval of a Written Resolution will contain the conditions of form and time-limits to be complied with by the Holders who wish to express their approval or rejection of such proposed Written Resolution. Holders expressing their approval or rejection before the Written Resolution Date will undertake not to dispose of their French Law Securities until after the Written Resolution Date.

(iv) Meetings of Holders for French Law Securities that do not constitute *obligations* within the meaning of Article L.213-5 of the French *Code monétaire et financier*.

In relation to French Law Securities that do not constitute *obligations*, the following voting provisions shall apply:

#### (A) General

The Holders shall not be grouped in a masse having separate legal personality and acting in part through a representative of the holders (*représentant de la masse*) and in part through general meetings.

#### (B) Resolution

Subject to this Condition 9.4(b)(iv), a resolution (the "**Resolution**") may be passed by a Written Resolution by the consent of one or more Holders holding together at least 66<sup>2/3</sup> per cent. (by number) of the French Law Securities then outstanding.

## TERMS AND CONDITIONS OF THE SECURITIES

A Resolution may be passed with respect to any matter that relates to the common rights (*intérêts communs*) of the Holders.

A Resolution may be passed on any proposal relating to the modification of the Conditions including any proposal, (i) whether for a compromise or settlement, regarding rights which are the subject of litigation or in respect of which a judicial decision has been rendered, (ii) relating to a total or partial waiver of the guarantees granted to the holders, or (iii) the amendment of any terms and provisions applicable to the French Law Securities.

A Written Resolution is not sufficient, and consequently a Resolution may not be passed to decide on any proposal relating to:

- (a) the modification of the objects or form of the Issuer;
- (b) the issue of securities benefiting from a security over assets (*surété réelle*) which will not benefit the holders of the French Law Securities;
- (c) the potential merger (*fusion*) or demerger (*scission*) including partial transfers of assets (*apports partiels d'actifs*) under the demerger regime of or by the Issuer; or
- (d) the transfer of the registered office of a European Company (*Societas Europaea – SE*) to a different Member State of the European Union.

However, each Holder is entitled to bring a legal action against the Issuer for the defence of its own interests without a Written Resolution.

The Holders may appoint a nominee to file a proof of claim in the name of all Holders in the event of judicial reorganisation procedure or judicial liquidation of the Issuer.

In the absence of a nominee being appointed, the judicial representative (*mandataire judiciaire*), at its own initiative or at the request of any Holder, will ask the court to appoint a representative of the Holders who will file the proof of Holders' claim.

### (C) Written Resolution and Electronic Consent

- (a) The Issuer shall be entitled to seek approval of a resolution from the Holders by way of a Written Resolution. Notwithstanding that a Written Resolution may be approved electronically, a Written Resolution may be contained in one document or in several documents in like form, each signed by or on behalf of one or more of the Holders. Approval of a Written Resolution may also be given by way of electronic communication ("**Electronic Consent**").
- (b) Notice seeking the approval of a Written Resolution (including by way of Electronic Consent) will be published as provided under Condition 10 not less than five days prior to the date fixed for the passing of such Written Resolution (the "**Written Resolution Date**"). Notices seeking the approval of a Written Resolution will contain the conditions of the form and time-limits to be complied with by the Holders who wish to express their approval or rejection of such proposed Written Resolution. Holders expressing their approval or rejection before the Written Resolution Date will undertake not to dispose of their French Law Securities until after the Written Resolution Date.

### (D) Effect of Resolutions

## TERMS AND CONDITIONS OF THE SECURITIES

A Resolution passed by way of a Written Resolution (including by Electronic Consent) shall be binding on all Holders, whether or not they have participated in such Written Resolution (including by Electronic Consent), and each of them shall be bound to give effect to the Resolution accordingly.

(v) Information to Holders

Each Holder will have the right, during (i) the 15-day period preceding the holding of the relevant General Meeting on first convocation, (ii) the 5-day period preceding the holding of the relevant General Meeting on second convocation or (iii) in the case of a Written Resolution, a period of not less than five days preceding the Written Resolution Date, as the case may be, to consult or make a copy of the text of the resolutions which will be proposed and of the reports which will be prepared in connection with such resolution, all of which will be available for inspection by the relevant Holders at the registered office of the Issuer, at the specified offices of any of the Security Agents during usual business hours and at any other place specified in the notice of the General Meeting or the Written Resolution.

Decisions of General Meetings and Written Resolutions, once approved, will be published in accordance with Condition 10.

(vi) Expenses

If "Contractual representation of Holders/*No Masse*" or "Contractual *Masse*" is specified in the applicable Final Terms, or in the case of French Law Securities that do not constitute *obligations* within the meaning of Article L.213-5 of the French *Code monétaire et financier*, the Issuer will pay all expenses relating to the operation of the *Masse* and expenses relating to the calling and holding of General Meetings and seeking the approval of a Written Resolution, and, more generally, all administrative expenses resolved upon by the General Meeting or in writing through Written Resolution by the Holders, it being expressly stipulated that no expenses may be imputed against interest (if any) payable under the French Law Securities.

If "Full *Masse*" is specified in the applicable Final Terms, Article L. 228-71 of the French *Code de commerce* shall apply.

(vii) Outstanding French Law Securities

"**outstanding**" means, in relation to the French Law Securities of any Series, all the French Law Securities issued other than:

- (a) those French Law Securities which have been redeemed and cancelled pursuant to the Conditions;
- (b) those French Law Securities in respect of which the date for redemption in accordance with the Conditions has occurred and the redemption moneys (including all interest (if any) accrued to the date for redemption and interest (if any) payable under the Conditions after that date) have been duly paid to or to the order of the Principal Security Agent;
- (c) those French Law Securities which have been purchased and cancelled in accordance with the Conditions;
- (d) those French Law Securities in respect of which claims have become prescribed under the Conditions;

## TERMS AND CONDITIONS OF THE SECURITIES

provided that, for the purpose of attending and voting at any meeting of the Holders of the Series, those French Law Securities (if any) which are for the time being held by or for the benefit of the Issuer or any of its subsidiaries shall (unless and until ceasing to be so held) be deemed not to remain outstanding.

For the avoidance of doubt, in this Condition 9.4(b), the term "outstanding" (as defined above) shall not include those French Law Securities purchased by the Issuer in accordance with Article L.213-0-1 of the French *Code monétaire et financier* that are held by it and not cancelled.

### (viii) Sole Holder

Where the relevant Final Terms specify "Full Masse" or "Contractual Masse", or in the case of French Law Securities that do not constitute *obligations* within the meaning of Article L.213-5 of the French *Code monétaire et financier*, if and for so long as the Securities of a given Series are held by a single Holder, the relevant Holder will exercise directly the powers delegated to the Representative and General Meetings of Holders under the Conditions. For the avoidance of doubt, if a Representative has been appointed while the French Law Securities of a given Series are held by a single Holder, such Representative shall be devoid of powers. A Representative shall only be appointed if the Securities of a Series are held by more than one Holder.

In the case of French Law Securities that do not constitute *obligations* within the meaning of Article L.213-5 of the French *Code monétaire et financier*, if and for so long as the Securities of a given Series are held by a single Holder, the relevant Holder will exercise directly all powers, rights and obligations entrusted to the Holders under the Conditions.

## 9.5 Modifications

### (a) English Law Securities

In the case of English Law Securities only, the Issuer may modify these Terms and Conditions and/or the Agency Agreement without the consent of the Holders (but in the case of Swedish Dematerialised Securities, with the consent of Euroclear Sweden, in the case of Finnish Dematerialised Securities, with the consent of Euroclear Finland, in the case of Danish Dematerialised Securities, with the consent of VP Denmark and in the case of Norwegian Dematerialised Securities, with the consent of VPS Norway, to the extent such consent is required under the VPS Norway Rules) in any manner which the Issuer may deem necessary or desirable provided that such modification is not materially prejudicial to the interests of the Holders or such modification is of a formal, minor or technical nature or to cure, correct or supplement a manifest or proven error or to cure, correct or supplement any defective provision contained herein and/or therein or to comply with mandatory provisions of the law of the jurisdiction in which the Issuer is incorporated. Notice of any such modification will be given to the Holders in accordance with Condition 10 but failure to give, or non-receipt of, such notice will not affect the validity of any such modification.

### (b) French Law Securities

In the case of French Law Securities which can be traded in amounts of at least EUR 100,000 (or its equivalent in the relevant currency as of the Issue Date), the Issuer may modify these Terms and Conditions without the consent of the Holders to correct a manifest error.

## 10. NOTICES

All notices to Holders shall be valid if:

- (a) (i) in the case of Clearing System Securities (other than Securities represented by a Rule 144A Global Security held by a Custodian on behalf of DTC, Italian Securities and Securities issued

## TERMS AND CONDITIONS OF THE SECURITIES

and cleared through Iberclear and listed on the Madrid Stock Exchange), Registered Certificates represented by a Registered Global Certificate and Italian Dematerialised Securities, delivered to the relevant Clearing System (in the case of English Law Securities), or to the relevant Account Holder (in the case of French Law Securities) for communication by them to the Holders;

- (ii) in the case of Euroclear France Securities, delivered to the relevant Account Holders for communication by them to the Holders and where such Securities are listed on Euronext Paris, published by Euronext Paris and in the case of OET Certificates, published on the "Certificate" website of the Issuer ("www.produitsdebourse.bnpparibas.fr") or such other website of the Issuer as may be notified to Holders;
  - (iii) in the case of Securities represented by a Rule 144A Global Security held by a Custodian on behalf of DTC, to DTC for communication by it to the Holders and any such notices shall be conclusively presumed to have been received by the Holders;
  - (iv) in the case of Clearing System Securities which are Italian Securities, published by Borsa Italiana S.p.A.;
  - (v) in the case of Securities issued and cleared through Iberclear and listed on the Madrid Stock Exchange, published by the Madrid Stock Exchange or, if applicable, in the manner specifically provided by Spanish law and regulations for the relevant notice, as the case may be;
  - (vi) in the case of Securities represented by Private Placement Definitive Securities, mailed to their registered addresses appearing in the Private Placement Register;
  - (vii) in the case of Registered Certificates in definitive form, mailed to their registered addresses appearing in the Register;
  - (viii) in the case of Swedish Dematerialised Securities, mailed by Euroclear Sweden in accordance with the SFIA Act and the Euroclear Sweden rules;
  - (ix) in the case of Finnish Dematerialised Securities, mailed to a Holder on the address registered for such Holder in the Euroclear Finland Register maintained by Euroclear Finland in accordance with the rules of Euroclear Finland;
  - (x) in the case of Danish Dematerialised Securities, mailed by VP Denmark in accordance with the provisions of the Danish Securities Trading Act and the VP Denmark rules;
  - (xi) in the case of Norwegian Dematerialised Securities, mailed by VPS Norway in accordance with the Norwegian Securities Register Act and the VPS Norway Rules;
  - (xii) in the case of Polish Dematerialised Securities, mailed by KDPW Poland in accordance with the Polish Act on Trading in Financial Instruments; or
  - (xiii) in the case of CREST Dematerialised Securities, mailed to the Holder at the address of the Holder appearing in the Record on the second Business Day prior to despatch of such notice, by first class post or, if such address is not in the United Kingdom, by airmail post (any such notice to be delivered or sent at the risk of the relevant Holder); and
- (b) for so long as the Securities are listed on a stock exchange or are admitted to trading by another relevant authority, in accordance with the rules and regulations of the relevant stock exchange or other relevant authority (in the case of Italian Dematerialised Securities that are Italian Securities, such notices shall



## TERMS AND CONDITIONS OF THE SECURITIES

be published by Borsa Italiana S.p.A.). If the Securities are listed and admitted to trading on the Euro MTF Market of the Luxembourg Stock Exchange or the Official List of the Luxembourg Stock Exchange, and so long as the rules of the Luxembourg Stock Exchange so require, notices shall be made available on the website of the Luxembourg Stock Exchange ([www.bourse.lu](http://www.bourse.lu)). Any such notice shall be deemed to have been given on the second Business Day following such delivery or, if earlier, the date of such publication or, if published more than once, on the date of the first such publication.

- (c) Notices relating to convocation and decision(s) pursuant to Condition 9.4(b) and pursuant to Articles R.228-79 and R.236-11 of the French *Code de commerce* shall be given by delivery of the relevant notice to Euroclear France, Euroclear, Clearstream, Luxembourg and any other clearing system through which the French Law Securities are for the time being cleared. For the avoidance of doubt, Conditions 10(a) and (b) shall not apply to such notices.

### 11. EXPENSES AND TAXATION

- 11.1 A Holder must pay all taxes, duties and/or expenses, including any applicable depository charges, transaction or exercise charges, stamp duty, stamp duty reserve tax, issue, registration, securities transfer and/or other taxes or duties arising from the exercise and settlement or redemption of the Securities and/or the delivery or transfer of the Entitlement (as applicable) pursuant to the terms of such Securities ("**Security Expenses**") relating to such Securities as provided above.
- 11.2 The Issuer shall deduct from amounts payable or from assets deliverable to Holders all Related Expenses, not previously deducted from amounts paid or assets delivered to Holders, as the Calculation Agent shall, acting in good faith and in a commercially reasonable manner, determine are attributable to the Securities.

For the avoidance of doubt, the Issuer shall not be liable for any Related Expenses and Holders shall be liable to pay the Related Expenses attributable to their Securities.

"**Expenses**" means Security Expenses and any Related Expenses.

"**Related Expenses**" means (a) all present, future, prospective, contingent or anticipated Taxes which are (or may be) or were (or may have been) withheld or payable under the laws, regulations or administrative practices of any state (or any political sub-division or authority thereof or therein) and (b) any other present, future, or contingent expenses (including without limitation, any applicable depository charges, transaction charges, issue registration, securities transfer or other expenses) which are (or may be) or were (or may have been) payable, in each case in respect of or in connection with:

- (a) the issue, transfer or enforcement of the Securities;
- (b) any payment (or delivery of assets) to Holders;
- (c) a person or its agent's assets or any rights, distributions of dividends appertaining to such assets (had such an investor (or agent) purchased, owned, held, realised, sold or otherwise disposed of assets) in such a number as the Calculation Agent, acting in good faith and in a commercially reasonable manner, may determine to be appropriate as a hedge or related trading position in connection with the Securities; or
- (d) any of the Issuer's (or any Affiliates') other hedging arrangements in connection with the Securities.

"**Taxes**" means taxes, levies, imposts, duties, deductions, withholdings, assessments or other charges (including any stamp, registration or transfer tax, duty or other charge or tax on income, payments (or delivery of assets), profits, capital gains (including, for the avoidance of doubt, (i) any withholding or deduction required pursuant to an agreement described in Section 1471(b) of the U.S. Internal Revenue Code of 1986 (the "**Code**") or otherwise imposed pursuant to Sections 1471 through 1474 of the Code, any regulations or agreements

## TERMS AND CONDITIONS OF THE SECURITIES

thereunder, any official interpretations thereof, or any law implementing an intergovernmental approach thereto and (ii) any withholding or deduction required pursuant to Section 871(m) of the Code) together with any interest, additions to tax or penalties.

In addition, if the Securities are specified to be Specified Securities in the applicable Final Terms for the purpose of Section 871(m) of the Code, in determining the amount of withholding or deduction required pursuant to Section 871(m) of the Code imposed with respect to any amounts to be paid on the Securities, the Issuer shall be entitled to withhold on any "dividend equivalent" payment (as defined for purposes of Section 871(m) of the Code) at a rate of 30 per cent.

Payments on the Securities that reference U.S. securities or an index that includes U.S. securities may be calculated by reference to the net dividends payable on such U.S. securities or net total returns of the U.S. components of such index. In calculating the relevant payment amount, the Issuer may withhold, and the holder will be deemed to have received 30 per cent. of any "dividend equivalent" payments (as defined in Section 871(m) of the Code) in respect of the relevant U.S. securities or U.S. dividend paying index components, as the case may be. The Issuer will not pay any additional amounts to the holder on account of the Section 871(m) amount deemed withheld.

- 11.3 If PRC Tax is specified as applicable in the applicable Final Terms, the Issuer shall withhold or deduct from any amounts payable or from assets deliverable to a Holder of Securities such Securities' *pro rata* share of any applicable PRC Tax not previously deducted from amounts to be paid or assets to be delivered to the Holders, as the Calculation Agent shall, acting in good faith and in a commercially reasonable manner, determine are attributable to the Securities.

Where:

"**PRC Tax**" means either:

- (a) such amount of taxes, duties and/or other expenses deducted or withheld at source by or on behalf of the PRC Tax Authority in respect of the Securities and notified from time to time to the Holders in accordance with Condition 10; or, if none
- (b) the PRC Tax Rate incurred by, imposed on or assessed to, the Issuer and/or its Affiliates in connection with the Securities or the hedging arrangements of the Issuer and/or its Affiliates in relation to the Securities, as determined by the Calculation Agent, acting in good faith and in a commercially reasonable manner;

"**PRC Tax Rate**" means any retrospective, present or future tax, levy, duty, assessment, penalty, late payment surcharge or other charge of any nature (including, but not limited to capital gain, corporate income tax, business tax, dividend tax, interest tax, value added tax, stamp duty, payable or in connection therewith) imposed, levied or withheld, directly or indirectly, by a PRC Tax Authority; and

"**Relevant Tax Event**" means a decision, order or ruling published or issued, or a change in the administrative practice implemented, by any government or other taxing authority in the People's Republic of China (a "**PRC Tax Authority**") in relation to a PRC Tax Rate payable by the Issuer and/or any of its Affiliates in relation to the Securities or the hedging arrangements of the Issuer and/or its Affiliates to hedge the equity price of entering into and performing the Issuer's obligations with respect to the Securities, which may include, but is not limited to, the purchase and/or sale of shares, options contracts, futures contracts and/or other instruments or transactions relating to shares, options contracts or futures contracts.

## TERMS AND CONDITIONS OF THE SECURITIES

### 12. FURTHER ISSUES

The Issuer shall be at liberty from time to time without the consent of Holders to create and issue further Securities having terms and conditions the same as the Securities or terms and conditions which are the same in all respects save for the Issue Date and the Issue Price, the amount and date of the first interest payment thereon (if any) and/or the date from which interest (if any) starts to accrue, such further Securities being consolidated and forming a single series with the outstanding Securities, provided that, in the case of U.S. Securities, if (i) such further Securities are treated as debt for U.S. federal income tax purposes, (ii) either the original Securities or such further Securities are issued in compliance with Rule 144A and (iii) such further Securities are not (1) issued pursuant to a "qualified reopening" of the original series, (2) treated as part of the same "issue" of debt instruments as the original series or (3) issued with less than a *de minimis* amount of original discount, in each case for U.S. federal income tax purposes, such further Securities will have a separate ISIN or other identifier.

### 13. SUBSTITUTION OF THE ISSUER OR THE GUARANTOR

#### 13.1 Substitution Event

The occurrence of any of the following events, in respect of the Issuer or the Guarantor, as the case may be, shall constitute a "**Substitution Event**":

- (a) a divestment in respect of the Issuer;
- (b) the cancellation, suspension or revocation of any relevant authorisation or licence of the Issuer or the Guarantor, as the case may be, by any governmental, legal or regulatory authority;
- (c) a consolidation, amalgamation, merger or binding share exchange in respect of the Issuer or the Guarantor, as the case may be, with or into another entity or person;
- (d) a takeover offer, tender offer, exchange offer, solicitation proposal or other event by any entity or person to purchase or otherwise obtain a controlling stake in the Issuer or the Guarantor, as the case may be; or
- (e) any other event affecting the Issuer or the Guarantor, as the case may be, pursuant to which substitution is permissible in accordance with the regulations of any stock exchange, any applicable law or regulation in force in the jurisdiction of the Issuer or the Guarantor, as the case may be or any applicable law or regulation in force in the jurisdiction in which the securities are offered.

#### 13.2 Substitution Conditions

A substitution of the Issuer pursuant to Conditions 13.3 or 13.4 below may only occur if the following conditions (the "**Substitution Conditions**") are satisfied:

- (a) where BNPP B.V. is the Issuer, the creditworthiness of the Substitute at such time being at least equal to the creditworthiness of the Issuer (or of any previous substitute), as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner by reference to, *inter alia*, the long term senior debt ratings (if any) assigned by S&P Global Ratings Europe Limited, a division of The McGraw-Hill Companies, Inc., Moody's Investors Service Ltd. and/or Fitch Ratings Ireland Limited, or any successor rating agency or agencies thereto, or such other rating agency as the Calculation Agent determines to the Substitute or, as the case may be, to the Issuer (or to any previous substitute);
- (b) the Issuer confirms that there are no payment arrears in respect of the Securities and that there is no indication that payments will imminently be in arrears or that there may be any issues in making any payments in respect of the Securities;

## TERMS AND CONDITIONS OF THE SECURITIES

- (c) all actions, conditions and things required to be taken, fulfilled and done to ensure that the Securities represent legal, valid and binding obligations of the Substitute having been taken, fulfilled and done and being in full force and effect;
- (d) the Substitute becomes party to the Agency Agreement or, where BNPP B.V. is the Issuer and the Securities are CREST Dematerialised Securities, the Euroclear Agreement, (unless the Substitute is already a party to the Agency Agreement or the Euroclear Agreement, as the case may be) with any appropriate consequential amendments, as if it had been an original party to it;
- (e) each stock exchange on which the Securities are listed has confirmed that, following the proposed substitution of the Substitute, the Securities will continue to be listed on such stock exchange and in the case of Swedish Dematerialised Securities, Euroclear Sweden, in the case of Finnish Dematerialised Securities, Euroclear Finland, in the case of Danish Dematerialised Securities, VP Denmark, or in the case of Norwegian Dematerialised Securities, VPS Norway, has consented to such substitution (such consent not to be unreasonably withheld or delayed);
- (f) if appropriate, the Substitute has appointed a process agent as its agent in England (in the case of English Law Securities) or France (in the case of French Law Securities) to receive service of process on its behalf in relation to any legal action or proceedings arising out of or in connection with the Securities; and
- (g) the Issuer has given at least 30 days' prior notice of the date of such substitution to the Holders in accordance with Condition 10.

### 13.3 Securities issued by BNPP

Except in the case of U.S. Securities, where BNPP is the Issuer, BNPP or any previously substituted company, may, but is not obliged to, at any time, without the consent of the Holders, substitute for itself as principal obligor under the Securities another company within the BNP Paribas Group (the "**Substitute**"), subject to:

- (a) BNPP unconditionally and irrevocably guaranteeing in favour of each Holder the performance of all obligations by the Substitute under the Securities;
- (b) BNPP having obtained from the Substitute an undertaking that the substitution will not have a material impact on the interests of the Holders and that it will not deduct any costs relating to the substitution from amounts due to the Holder; and
- (c) the Substitution Conditions having been satisfied.

### 13.4 Securities issued by BNPP B.V.

Except in the case of U.S. Securities, where the Issuer is BNPP B.V., or any previously substituted company, following the occurrence of a Substitution Event, the Issuer may, but is not obliged to, without the consent of the Holders, substitute for itself as principal obligor under the Securities a Substitute, being BNPP B.V. (where BNPP B.V. has previously been substituted as Issuer) or any other company in the BNP Paribas Group, subject to:

- (a) BNPP unconditionally and irrevocably guaranteeing in favour of each Holder the performance of all obligations by the Substitute under the Securities on substantially the same terms as the relevant Guarantee;
- (b) BNPP B.V. having obtained from the Substitute an undertaking that the substitution will not have a material impact on the interests of the Holders and that it will not deduct any costs relating to the substitution from amounts due to the Holder; and

## TERMS AND CONDITIONS OF THE SECURITIES

- (c) the Substitution Conditions having been satisfied.

### 13.5 Securities guaranteed by BNPP

Except in the case of U.S. Securities, where the Issuer is BNPP B.V., following the occurrence of a Substitution Event, BNPP or any previously substituted company may, but is not obliged to, without the consent of the Holders, substitute for itself as guarantor in respect of the Securities any company (the "**Substitute Guarantor**"), being BNPP (where BNPP has previously been substituted as Guarantor) or another company in the BNP Paribas Group subject to:

- (a) the creditworthiness of the Substitute Guarantor at such time being at least equal to the creditworthiness of BNPP (or of any previous substitute under this Condition), as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner by reference to, inter alia, the long term senior debt ratings (if any) assigned by S&P Global Ratings Europe Limited, a division of The McGraw-Hill Companies, Inc. and/or Moody's Investors Service Ltd. and/or Fitch Ratings Ireland Limited, or any successor rating agency or agencies thereto, or such other rating agency as the Calculation Agent determines to be the Substitute Guarantor or, as the case may be, to BNPP (or to any previous substitute under this Condition);
- (b) the Substitute Guarantor having entered into a guarantee (the "**Substitute Guarantee**") in respect of the Securities in substantially the same form as the relevant BNPP Guarantee and such other documents (if any) as may be necessary to give full effect to the substitution (the "**Documents**") and (without limiting the generality of the foregoing) pursuant to which the Substitute Guarantor shall undertake in favour of each Holder to be bound by these Terms and Conditions, the provisions of the Agency Agreement or, in the case of CREST Dematerialised Securities, the Euroclear Agreement as fully as if the Substitute Guarantor had been named in these Terms and Conditions, the Documents, the Agency Agreement or the Euroclear Agreement as the guarantor in respect of the Securities in place of BNPP (or of any previous substitute under this Condition);
- (c) the Substitute Guarantee and the Documents having been delivered to BNP Paribas Securities Services, Luxembourg Branch (or, from and including the Merger Date, BNP Paribas, Succursale de Luxembourg) to be held by BNP Paribas Securities Services, Luxembourg Branch (or, from and including the Merger Date, BNP Paribas, Succursale de Luxembourg) for so long as any Securities remain outstanding and for so long as any claim made against the Substitute Guarantor or the Issuer by any Holder in relation to the Securities, the Substitute Guarantee or the Documents shall not have been finally adjudicated, settled or discharged;
- (d) each stock exchange on which the Securities are listed having confirmed that following the proposed substitution of the Substitute Guarantor (or of any previous substitute under this Condition) it will continue to list the Securities and in the case of Swedish Dematerialised Securities, Euroclear Sweden, or in the case of Finnish Dematerialised Securities, Euroclear Finland, in the case of Danish Dematerialised Securities, VP Denmark, or in the case of Norwegian Dematerialised Securities, VPS Norway, has consented to such substitution (such consent not to be unreasonably withheld or delayed);
- (e) if appropriate, the Substitute Guarantor having appointed a process agent as its agent in England (in the case of English Law Securities) or France (in the case of French Law Securities) to receive service of process on its behalf in relation to any legal action or proceedings arising out of or in connection with the Securities or the Substitute Guarantee;
- (f) BNPP (or any previous substitute under this Condition) having given at least 30 days' prior notice of the date of such substitution to the Holders in accordance with Condition 10;

## TERMS AND CONDITIONS OF THE SECURITIES

- (g) BNPP confirming that there are no payment arrears in respect of the Securities and that there is no indication that payments will imminently be in arrears or that there may be any issues in making any payments in respect of the Securities; and
- (h) BNPP having obtained from the Substitute Guarantor an undertaking that the substitution will not have a material impact on the interests of the Holders and that it will not deduct any costs relating to the substitution from amounts due to the Holder.

Notwithstanding the foregoing, in the case of Italian Securities BNPP may not be substituted as guarantor in respect of such Securities.

### 14. GOVERNING LAW AND SUBMISSION TO JURISDICTION

#### 14.1 English Law Securities

- (a) The English Law Securities (including Swedish Dematerialised Securities, Italian Dematerialised Securities, Swiss Securities, Danish Dematerialised Securities, Finnish Dematerialised Securities, Norwegian Dematerialised Securities and Polish Dematerialised Securities), the English Law Agency Agreement, the Euroclear Agreement and the BNPP English Law Guarantee and any non-contractual obligations arising out of or in connection with the English Law Securities (including Swedish Dematerialised Securities, Italian Dematerialised Securities, Swiss Securities, Danish Dematerialised Securities, Finnish Dematerialised Securities, Norwegian Dematerialised Securities and Polish Dematerialised Securities), the English Law Agency Agreement, the Euroclear Agreement and the BNPP English Law Guarantee are governed by, and shall be construed in accordance with, English law.
- (b) Subject as provided in (e) below, the courts of England shall have exclusive jurisdiction to settle all disputes which may, directly or indirectly, arise out of or in connection with the English Law Securities (including Swedish Dematerialised Securities, Italian Dematerialised Securities, Swiss Securities, Danish Dematerialised Securities, Finnish Dematerialised Securities, Norwegian Dematerialised Securities and Polish Dematerialised Securities), the English Law Agency Agreement, the Euroclear Agreement and the BNPP English Law Guarantee including any disputes relating to any non-contractual obligations arising out of or in connection with the English Law Securities (including Swedish Dematerialised Securities, Italian Dematerialised Securities, Swiss Securities, Danish Dematerialised Securities, Finnish Dematerialised Securities, Norwegian Dematerialised Securities and Polish Dematerialised Securities), the English Law Agency Agreement, the Euroclear Agreement and the BNPP English Law Guarantee (a "**Dispute**") and each of the Issuer and the Guarantor submits and each Holder (by its acquisition of a Security) is deemed to submit to the exclusive jurisdiction of the English courts. For the purposes of this Condition, each of the Issuer and the Guarantor waives and each Holder (by its acquisition of a Security) is deemed to waive any objection to the English courts on the grounds that they are an inconvenient or inappropriate forum to settle any Dispute. Notwithstanding this, (i) with respect to Finnish Dematerialised Securities, the registration and transfer of the Finnish Dematerialised Securities in Euroclear Finland's system for the registration of financial instruments shall be governed by, and shall be construed in accordance with, Finnish law, (ii) with respect to Italian Dematerialised Securities, the registration and transfer of the Italian Dematerialised Securities in Monte Titoli shall be governed by, and shall be construed in accordance with, Italian law, (iii) with respect to Norwegian Dematerialised Securities, the registration and transfer of the Norwegian Dematerialised Securities in VPS Norway for the registration of financial instruments shall be governed by, and shall be construed in accordance with, Norwegian law and (iv) with respect to Polish Dematerialised Securities, the registration and transfer of the Polish Dematerialised Securities in KDPW Poland for the registration of financial instruments shall be governed by, and shall be construed in accordance with, Polish law.

## TERMS AND CONDITIONS OF THE SECURITIES

- (c) Each Issuer and Guarantor hereby appoints BNP Paribas, London branch, currently of 10 Harewood Avenue, London NW1 6AA (Attention: the Loan Administration Department), as its agent in England to receive service of process in any proceedings in England relating to the English Law Securities and the BNPP English Law Guarantee, as the case may be. If for any reason such process agent ceases to act as such or no longer has an address in England, each Issuer and Guarantor (if any) agrees to appoint a substitute process agent and to notify the Holders of English Law Securities of such appointment. Nothing in these provisions shall affect the right to serve process in any other manner permitted by law.
- (d) WITHOUT PREJUDICE TO CONDITION 14.1(b) ABOVE, THE ISSUER WAIVES ANY RIGHT IT MAY HAVE TO A JURY TRIAL OF ANY CLAIM OR CAUSE OF ACTION IN CONNECTION WITH THE SECURITIES. THESE CONDITIONS MAY BE FILED AS A WRITTEN CONSENT TO A BENCH TRIAL.
- (e) If Essential Trigger is specified as applicable in the applicable Final Terms and, to the extent that any proceedings in respect of the Securities involve consumers (as such term is used in Regulation (EU) No 1215/2012 of the European Parliament and of the Council of 12 December 2012 on jurisdiction and the recognition and enforcement of judgments in civil and commercial matters (the "**Brussels Recast Regulation**")), notwithstanding Condition 14.1(b), the Issuer and the Guarantor (if applicable) agree that they will, and such consumers may, in respect of any Dispute in respect of the Securities, take proceedings in the jurisdictions specified in Article 18 of the Brussels Recast Regulation.

### 14.2 French Law Securities

- (a) The French Law Securities, the French Law Agency Agreement and the BNPP French Law Guarantee are governed by, and construed in accordance with, French law, and any action or proceeding in relation thereto ("**Proceedings**") shall, subject to any mandatory rules of the Brussels Recast Regulation, be submitted to the jurisdiction of the competent courts in Paris within the jurisdiction of the Paris Court of Appeal (*Cour d'Appel de Paris*). BNPP B.V. elects domicile at the registered office of BNP Paribas currently located at 16 boulevard des Italiens, 75009 Paris.
- (b) If Essential Trigger is specified as applicable in the applicable Final Terms and, to the extent that any proceedings in respect of the Securities relate to consumers (as such term is used in the Brussels Recast Regulation), notwithstanding Condition 14.2(a), the Issuer will be required to, and such consumers may, in respect of any Dispute in respect of the Securities, take proceedings in the jurisdictions specified in Article 18 of the Brussels Recast Regulation.

## 15. ADDITIONAL DISRUPTION EVENTS AND OPTIONAL ADDITIONAL DISRUPTION EVENTS

The Additional Disruption Events and any Optional Additional Disruption Events shall not apply to any U.S. Securities.

- 15.1 "**Additional Disruption Event**" means each of Change in Law and Hedging Disruption, unless otherwise specified in the applicable Final Terms;

"**Administrator/Benchmark Event**" means the Calculation Agent determines that:

- (i) a Benchmark Modification or Cessation Event has occurred or will occur;
- (ii) any authorisation, registration, recognition, endorsement, equivalence decision, approval or inclusion in any official register in respect of a relevant Benchmark or the administrator or sponsor of a relevant Benchmark has not been, or will not be, obtained or has been, or will be, rejected, refused, suspended or withdrawn by the relevant competent authority or other relevant official body, in each case with the effect that the Issuer or the Calculation Agent or any other entity is not, or will not be, permitted under

## TERMS AND CONDITIONS OF THE SECURITIES

any applicable law or regulation to use the relevant Benchmark to perform its or their respective obligations under the Securities; or

- (iii) it is not commercially reasonable to continue the use of a relevant Benchmark in connection with the Securities from the perspective of the Issuer or the Calculation Agent or the Issuer or the Calculation Agent suffers or will suffer an increased cost, in each case, as a result of any applicable licensing restrictions or changes in the cost of obtaining or maintaining any relevant licence (including, without limitation, where the Issuer, the Calculation Agent or any other entity is required to hold a valid licence in order to issue or perform its obligations in respect of the Securities and for any reason such licence is either not obtained, not renewed or is revoked or there is a material change in the cost of obtaining or renewing such licence);

**"Benchmark"** means any figure, value, level or rate which is a benchmark as defined in BMR and where any amount payable or deliverable under the Securities, or the value of the Securities, is determined, in whole or in part, by reference to such figure, value, level or rate, all as determined by the Calculation Agent;

**"Benchmark Modification or Cessation Event"** means, in respect of the Benchmark any of the following has occurred or will occur:

- (i) any material change in such Benchmark; or
- (ii) the permanent or indefinite cancellation or cessation in the provision of such Benchmark;

**"BMR"** means the EU Benchmarks Regulation (Regulation (EU) 2016/1011);

**"Cancellation Event"** means, that in the determination of the Calculation Agent, all or some of the Debt Instruments are redeemed prior to their stated maturity date for any reason, and as a result thereof it is impossible, impracticable or unduly onerous for the Issuer or its Affiliates to hedge the Issuer's obligations in respect of the Securities;

**"Change in Law"** means that, on or after the Trade Date (a) due to the adoption of or any change in any applicable law or regulation (including, without limitation, in respect of any tax law, solvency or capital requirements), or (b) due to the promulgation of or any change in the interpretation or application of any law or regulation by any court, tribunal or regulatory or other supervisory authority with competent jurisdiction (including any action taken by a taxing or financial authority or any supervisory authority) or the combined effect thereof if occurring more than once, the Issuer determines acting in good faith and in a commercially reasonable manner that:

- (a) it has become illegal for it or any of its Affiliates to hold, acquire or dispose of any relevant hedge position relating to an Index (in the case of Index Securities), any relevant hedge position relating to a Debt Instrument (in the case of Debt Securities), any relevant hedge position relating to a Share (in the case of Share Securities), any relevant hedge position relating to an ETI Interest (in the case of ETI Securities), any relevant hedge position relating to a Commodity or Commodity Index (in the case of Commodity Securities), any relevant hedge position relating to a Fund Share (in the case of Fund Securities (other than where the Fund is a Euro Fund)) or any relevant hedge position in respect of a Euro Fund (in the case of Fund Securities (where the Fund is a Euro Fund)) (each a **"Hedge"**); or
- (b) it or any of its Affiliates would incur a materially increased cost (including, without limitation, in respect of any tax, solvency, regulatory or capital requirements) in maintaining the Securities in issue or, unless Hedge Maintenance Cost is specified as not applicable in the applicable Final Terms, in holding, acquiring or disposing of any Hedge;



## TERMS AND CONDITIONS OF THE SECURITIES

**"Currency Event"** means that, on or after the Trade Date, it has become impracticable, illegal or impossible for the Issuer or any of its Affiliates (a) to convert the relevant currency ("**Local Currency**") in which the Index, the Shares or the Debt Instruments or any options or futures contracts or other hedging arrangement in relation to the Index, the Shares or the Debt Instruments (for the purposes of hedging the Issuer's obligations under the Securities) are denominated, into the Settlement Currency, or exchange or repatriate any funds in the Local Currency or the Settlement Currency outside of the country in which the Index, the Shares or the Debt Instruments or any options or futures contracts in relation to the Index, the Shares or the Debt Instruments respectively are traded due to the adoption of, or any change in, any applicable law, rule, regulation, judgment, order, directive or decree of any Government Authority or otherwise, or (b) for the Calculation Agent to determine a rate or (in the determination of the Calculation Agent) a commercially reasonable rate at which the Local Currency can be exchanged for the Settlement Currency for payment under the Securities;

**"Extraordinary External Event"** means that, on or after the Trade Date, the performance of the Issuer's obligations under the Securities is prevented or materially hindered or delayed due to:

- (a) any act (other than a Market Disruption Event), law, rule, regulation, judgment, order, directive, interpretation, decree or material legislative or administrative interference of any Government Authority or otherwise; or
- (b) the occurrence of civil war, disruption, military action, unrest, political insurrection, terrorist activity of any kind, riot, public demonstration and/or protest, or any other financial or economic reasons or any other causes or impediments beyond such party's control; or
- (c) any expropriation, confiscation, requisition, nationalisation or other action taken or threatened by any Government Authority that deprives the Issuer or any of its Affiliates, of all or substantially all of its assets in the Local Currency jurisdiction;

**"Failure to Deliver due to Illiquidity"** means, following the exercise of Physical Delivery Securities, in the opinion of the Calculation Agent, it is impossible or impracticable to deliver, when due, some or all of the Relevant Assets (the "**Affected Relevant Assets**") comprising the Entitlement, where such failure to deliver is due to illiquidity in the market for the Relevant Assets;

**"Government Authority"** means any nation, state or government, any province or other political subdivision thereof, any body, agency or ministry, any taxing, monetary, foreign exchange or other authority, court, tribunal or other instrumentality and any other entity exercising, executive, legislative, judicial, regulatory or administrative functions of or pertaining to government;

**"Hedging Disruption"** means that the Issuer and/or any of its Affiliates (each a "**Hedging Party**") is unable, after using commercially reasonable efforts, to (a) acquire, establish, re-establish, substitute, maintain, unwind or dispose of any transaction(s) or asset(s) or any futures or option contracts it deems necessary to hedge the equity price risk or any other relevant price risk including but not limited to the currency risk of the Issuer issuing and performing its obligations with respect to the Securities, or (b) freely realise, recover, remit, receive, repatriate or transfer the proceeds of any such transaction(s), asset(s) or futures or options contract(s) or any relevant hedge positions relating to the Securities. Where PRC Disruption is specified as applicable in the applicable Final Terms:

- (a) a Hedging Disruption shall include (without limitation) any inability by the Hedging Party as a result of compliance with any foreign ownership restrictions imposed by, in the case of Share Securities linked to a single Share, the Share Company, in the case of Share Securities linked to a Basket of Shares, the Basket Company, in the case of Index Securities, the issuer of any share that is a Component Security of the relevant Index, any exchange or any court, tribunal, government or regulatory authority in the PRC or Hong Kong; and

## TERMS AND CONDITIONS OF THE SECURITIES

- (b) the phrase "using commercially reasonable efforts" referred to above does not include the use of any quota granted to such Hedging Party under the Qualified Foreign Institutional Investor ("QFII") or Renminbi Qualified Foreign Institutional Investor ("RQFII") schemes;

**"Hedging Party Default"** means any hedging counterparty in respect of the Securities announces its inability to meet its financial obligations, ceases its payments or a court in its jurisdiction of incorporation opens insolvency proceedings against it and the Issuer or the Guarantor is unable to replace such hedging counterparty on terms acceptable to the Issuer or the Guarantor, as the case may be;

**"Hedging Shares"** means the number of components comprised in an Index (in the case of Index Securities) or the number of Shares (in the case of Share Securities) that the Issuer and/or any of its Affiliates deems necessary to hedge the equity or other price risk of entering into and performing its obligations with respect to the Securities;

**"Increased Cost of Hedging"** means that the Issuer and/or any of its Affiliates would incur a materially increased (as compared with circumstances existing on the Trade Date) amount of tax, duty, expense or fee (other than brokerage commissions) to (a) acquire, establish, re-establish, substitute, maintain, unwind or dispose of any transaction(s) or asset(s) or any futures or options contract on any Commodity or, in the case of a Commodity Index, Index Component (in the case of Commodity Securities) or, in respect of any Index Securities relating to a Custom Index, any relevant hedge positions relating to an Index, or, in respect of any Debt Securities, any relevant hedge positions relating to a Debt Instrument, it deems necessary to hedge the market risk (including, without limitation, equity price risk, foreign exchange risk and interest risk) of the Issuer issuing and performing its obligations with respect to the Securities, or (b) realise, recover or remit the proceeds of any such transaction(s) or asset(s) or any such futures or options contract(s) or, in respect of any Index Securities relating to a Custom Index, any relevant hedge positions relating to an Index, or, in respect of any Debt Securities, any relevant hedge positions relating to a Debt Instrument, provided that any such materially increased amount that is incurred solely due to the deterioration of the creditworthiness of the Issuer and/or any of its Affiliates shall not be deemed an Increased Cost of Hedging;

**"Increased Cost of Stock Borrow"** means that the Issuer and/or any of its Affiliates would incur a rate to borrow any component security comprised in an Index (in the case of Index Securities) or any Share (in the case of Share Securities) that is greater than the Initial Stock Loan Rate;

**"Initial Stock Loan Rate"** means, in respect of a component security comprised in an Index (in the case of Index Securities) or a Share (in the case of Share Securities), the initial stock loan rate specified in relation to such Share, security, component or commodity in the applicable Final Terms;

**"Insolvency Filing"** means that a Share Company or Basket Company institutes or has instituted against it by a regulator, supervisor or any similar official with primary insolvency, rehabilitative or regulatory jurisdiction over it in the jurisdiction of its incorporation or organisation or the jurisdiction of its head or home office, or it consents to a proceeding seeking a judgment of insolvency or bankruptcy or any other relief under any bankruptcy or insolvency law or other similar law affecting creditors' rights, or a petition is presented for its winding-up or liquidation by it or such regulator, supervisor or similar official or it consents to such a petition, provided that proceedings instituted or petitions presented by creditors and not consented to by the Share Company or Basket Company shall not be deemed an Insolvency Filing;

**"Jurisdiction Event"** means that, on or after the Trade Date, it has become impracticable, illegal or impossible for the Issuer or any of its Affiliates to purchase, sell, hold or otherwise deal (or to continue to do so in the future) in the Index, the Shares or the Debt Instruments or, unless Hedging Arrangements is specified as not applicable in the applicable Final Terms, any options or futures contracts in relation to the Index, the Shares or the Debt Instruments in order for the Issuer to perform its obligations:

- (i) under the Securities; or

## TERMS AND CONDITIONS OF THE SECURITIES

- (ii) unless Hedging Arrangements is specified as not applicable in the applicable Final Terms, in respect of any relevant hedging arrangements in connection with the Securities (including, without limitation, any purchase, sale or entry into or holding of one or more securities positions, currency positions, stock loan transactions, derivatives position, commodity position or other instruments or arrangements (however described) by the Issuer and/or any of its Affiliates in order to hedge, either individually or on a portfolio basis, the Securities),

or the costs of so doing would (in the determination of the Calculation Agent acting in good faith and in a commercially reasonable manner) be materially increased under the restriction or limitation of the existing or future law, rule, regulation, judgment, order, interpretation, directive or decree of any Government Authority or otherwise;

**"Loss of Stock Borrow"** means that the Issuer and/or any Affiliate is unable, after using commercially reasonable efforts, to borrow (or maintain a borrowing of) any component security comprised in an Index (in the case of Index Securities) or any Share (in the case of Share Securities) in an amount equal to the Hedging Shares at a rate equal to or less than the Maximum Stock Loan Rate;

**"Maximum Stock Loan Rate"** means in respect of a component security comprised in an Index (in the case of Index Securities) or a Share (in the case of Share Securities), the Maximum Stock Loan Rate specified in the applicable Final Terms;

**"Optional Additional Disruption Event"** means any of Administrator/Benchmark Event, Cancellation Event, Currency Event, Failure to Deliver due to Illiquidity, Extraordinary External Event, Hedging Party Default, Increased Cost of Hedging, Increased Cost of Stock Borrow, Jurisdiction Event, Insolvency Filing, Loss of Stock Borrow, Stop-Loss Event and/or Significant Alteration Event, in each case if specified in the applicable Final Terms;

**"Protected Amount"** means the amount specified as such in the applicable Final Terms;

**"Significant Alteration Event"** means any event or circumstance or combination of events or circumstances occurring after the Trade Date that is not attributable to the Issuer but which in the determination of the Issuer or the Calculation Agent, acting in good faith and in a commercially reasonable manner, significantly alters the economics of the Securities as at the Trade Date where such event renders the performance of the Issuer's obligations under the Securities unduly onerous or results in a material increase in costs incurred by the Issuer associated with the Securities as a consequence of a change in any applicable law or regulation (including, without limitation, in respect of any tax laws, solvency or regulatory capital requirements), nationalisation, or regulatory action but, in each case, where such event does not constitute a force majeure pursuant to Condition 7.2 (*Force Majeure*), or, to the extent permitted by applicable law, in other similar events or circumstances that would in the determination of the Issuer or the Calculation Agent, acting in good faith and in a commercially reasonable manner, significantly alter the economics of the Securities as at the Trade Date;

**"Stop-Loss Event"** means, in respect of a Share, the price of any Share as quoted on the relevant Exchange for such Share at the Scheduled Closing Time on any Scheduled Trading Day that is not a Disrupted Day in respect of such Share on or after the Trade Date or, if later, the Strike Date, is less than 5 per cent., or such percentage specified in the applicable Final Terms, of its Strike Price or, if no Strike Price is specified in the applicable Final Terms, the price given as the benchmark price for such Share in the applicable Final Terms, all as determined by the Calculation Agent; and

**"Trade Date"** has the meaning given to it in the applicable Final Terms.

- 15.2 If Additional Disruption Events are specified as applicable in the applicable Final Terms and an Additional Disruption Event and/or an Optional Additional Disruption Event occurs (other than in respect of Failure to

## TERMS AND CONDITIONS OF THE SECURITIES

Deliver due to Illiquidity), the Issuer may take the action described in (a) or, if applicable, (b), (c) or (d), as the case may be, below:

- (a) require the Calculation Agent to determine acting in good faith and in a commercially reasonable manner the appropriate adjustment, if any, to be made to any one or more of any Relevant Asset and/or the Entitlement and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms to account for the Additional Disruption Event and/or Optional Additional Disruption Event and determine the effective date of that adjustment. In the case of an Administrator/Benchmark Event, such adjustment may (a) consist of one or more amendments and/or be made on one or more dates, (b) be determined by reference to any adjustment(s) in respect of the relevant event or circumstance in relation to any hedging arrangements in respect of the Securities and (c) include, without limitation, selecting a successor benchmark(s) and making related adjustments to the Conditions of the Securities including, where applicable, and unless Unwind Costs is specified as not applicable, to reflect any increased costs of the Issuer providing such exposure to the successor benchmark(s) and, in the case of more than one successor benchmark, making provision for allocation of exposure as between the successor benchmarks;
- (b)
  - (i) unless Delayed Redemption on Occurrence of Additional Disruption Event and/or Optional Additional Disruption Event, Highest Value, Market Value or Monetisation Option are specified in the applicable Final Terms, on giving notice to Holders in accordance with Condition 10, redeem all but not some only of the Certificates, each Certificate being redeemed by payment of an amount equal to the fair market value of a Certificate taking into account the Additional Disruption Event and/or Optional Additional Disruption Event less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Condition 10; or
  - (ii) if Delayed Redemption on Occurrence of Additional Disruption Event and/or Optional Additional Disruption Event is specified as being applicable in the applicable Final Terms, the Calculation Agent shall calculate the fair market value of each Certificate, taking into account the Additional Disruption Event and/or Optional Additional Disruption Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements (the "**Calculated Additional Disruption Amount**") as soon as practicable following the occurrence of the Additional Disruption Event and/or Optional Additional Disruption Event (the "**Calculated Additional Disruption Amount Determination Date**") and on the Redemption Date shall redeem each Certificate at an amount calculated by the Calculation Agent equal to (x) the Calculated Additional Disruption Amount plus interest accrued from and including the Calculated Additional Disruption Amount Determination Date to but excluding the Redemption Date at a rate equal to Issuer's funding cost at such time or (y) if Principal Protected Termination Amount is specified as being applicable in the applicable Final Terms and if greater, the Protected Amount (specified in the applicable Final Terms); or
  - (iii) if Highest Value is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Condition 10, redeem all but not some only of the Certificates and pay to each Holder an amount in respect of each Certificate held by such Holder calculated and paid on such date determined, in accordance with Condition 34.12(a); or

## TERMS AND CONDITIONS OF THE SECURITIES

- (iv) if Market Value is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Condition 10, redeem all, but not some only of the Certificates and pay to each Holder an amount in respect of each Certificate held by such Holder calculated and paid on such date determined, in accordance with Condition 34.12(b); or
- (v) if Monetisation Option is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Certificates and pay an amount to each Holder an amount in respect of each Certificate held by such Holder calculated and paid on such date determined, in accordance with Condition 34.12(c); or
- (c) in the case of Index Securities linked to a Custom Index, the Calculation Agent may use commercially reasonable efforts to select a successor index with a substantially similar formula for and method of calculation as the Custom Index within twenty (20) Scheduled Custom Index Business Days of the occurrence of the relevant Additional Disruption Event or Optional Additional Disruption Event and, upon selection of such successor index (the "**Successor Index**"), the Calculation Agent shall promptly notify the Issuer and the Issuer will give notice to the Holders in accordance with Condition 10 and such index shall become the Successor Index and deemed to be a "Custom Index" for the purposes of the Securities and the Calculation Agent will make such adjustment, if any, to one or more of the Terms and Conditions and/or the applicable Final Terms as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate to account for the substitution. Such substitution and any relevant adjustment to the Terms and Conditions and/or the applicable Final Terms will be deemed to be effective as of the date selected by the Calculation Agent acting in good faith and in a commercially reasonable manner which may, but need not be the date on which the relevant Additional Disruption Event or Optional Additional Disruption Event occurred; or
- (d) in the case of Share Securities linked to a Basket of Shares, the Calculation Agent may adjust the Basket of Shares to include a Share selected by it in accordance with the criteria for Share selection set out below (each a "**Substitute Share**") for each Share (each an "**Affected Share**") which is affected by the Additional Disruption Event and/or Optional Additional Disruption Event and the Substitute Share will be deemed to be a "**Share**" and the relevant issuer of such shares a "**Basket Company**" for the purposes of the Securities, and the Calculation Agent will make such adjustment, if any, to any one or more of any Relevant Asset and/or the Entitlement (where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate, provided that in the event that any amount payable under the Securities was to be determined by reference to the Initial Price of the Affected Share, the Initial Price of each Substitute Share will be determined by the Calculation Agent in accordance with the following formula:

$$\text{Initial Price} = A \times (B/C)$$

where:

"A" is the official closing price of the relevant Substitute Share on the relevant Exchange on the Substitution Date;

"B" is the Initial Price of the relevant Affected Share; and

"C" is the official closing price of the relevant Affected Share on the relevant Exchange on the Substitution Date.

Such substitution and the relevant adjustment to the Basket of Shares will be deemed to be effective as of the date selected by the Calculation Agent (the "**Substitution Date**") acting in good faith and in a

## TERMS AND CONDITIONS OF THE SECURITIES

commercially reasonable manner and specified in the notice referred to below which may, but need not, be the relevant date of the Additional Disruption Event and/or Optional Additional Disruption Event.

The Weighting of each Substitute Share in the Basket of Shares will be equal to the Weighting of the relevant Affected Share.

In order to be selected as a Substitute Share, the relevant share must be a share which the Calculation Agent determines, acting in good faith and in a commercially reasonable manner:

- (i) is not already included in the Basket of Shares;
- (ii) the relevant issuer of such share belongs to the same economic sector as the Basket Company in respect of the Affected Share; and
- (iii) the relevant issuer of such share has a comparable market capitalisation, international standing and exposure as the Basket Company in respect of the Affected Share.

If a Failure to Deliver due to Illiquidity occurs:

- (A) subject as provided elsewhere in the Conditions, any Relevant Assets which are not Affected Relevant Assets, will be delivered on the originally designated Redemption Date in accordance with Condition 5.1; and
- (B) in respect of any Affected Relevant Assets, in lieu of physical settlement and notwithstanding any other provision hereof, except in the case of U.S. Securities (in which case another price or prices will be specified in the applicable Final Terms), the Issuer may elect to satisfy its obligations in respect of the relevant Security by payment to the relevant Holder of the Failure to Deliver Settlement Price on the fifth Business Day following the date that notice of such election is given to the Holders in accordance with Condition 10. Payment of the Failure to Deliver Settlement Price will be made in such manner as shall be notified to the Holders in accordance with Condition 10.

For the purposes hereof:

**"Failure to Deliver Settlement Price"** means, in respect of any relevant Security, the fair market value of such Security (taking into account the Relevant Assets comprising the Entitlement which have been duly delivered as provided above), less, unless Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Issuer acting in good faith and in a commercially reasonable manner.

Notwithstanding the foregoing the Calculation Agent will adjust any relevant terms of the Securities as it determines appropriate to preserve the economic equivalent of the obligations of the Issuer under the Securities.

- 15.3 Upon the occurrence of an Additional Disruption Event and/or Optional Additional Disruption Event, if the Calculation Agent determines that an adjustment in accordance with the above provisions is necessary it shall notify the Issuer thereof as soon as practicable and the Issuer shall give notice as soon as practicable to the Holders in accordance with Condition 10 stating the occurrence of the Additional Disruption Event and/or Optional Additional Disruption Event, as the case may be, giving details thereof and the action proposed to be taken in relation thereto.

## 16. KNOCK-IN EVENT AND KNOCK-OUT EVENT

- 16.1 If "Knock-in Event" is specified as applicable in the applicable Final Terms, then any payment and/or delivery, as applicable, under the relevant Securities which is expressed in the Conditions to be subject to a Knock-in Event, shall be conditional upon the occurrence of such Knock-in Event.

## TERMS AND CONDITIONS OF THE SECURITIES

- 16.2 If "Knock-out Event" is specified as applicable in the applicable Final Terms, then any payment and/or delivery, as applicable, under the relevant Securities which is expressed in the Conditions to be subject to a Knock-out Event, shall be conditional upon the occurrence of such Knock-out Event.
- 16.3 In respect of Index Securities, Share Securities, ETI Securities, Debt Securities and Futures Securities, if the Knock-in Valuation Time or the Knock-out Valuation Time specified in the applicable Final Terms is the Valuation Time and if on any Knock-in Determination Day or Knock-out Determination Day (a) in respect of Securities other than Custom Index Securities or Debt Securities, at any time during the one hour period that begins or ends at the Valuation Time the relevant Level triggers the Knock-in Level, the Knock-out Level, the Knock-out High Barrier or the Knock-out Low Barrier, as applicable, a Trading Disruption, Exchange Disruption or Early Closure occurs or exists, or (b) in respect of Custom Index Securities or Debt Securities, a Custom Index Disruption Event or Market Disruption Event, as applicable, is occurring, then (i) if Disruption Consequences are specified as not applicable in the applicable Final Terms, a Knock-in Event or Knock-out Event may occur notwithstanding such Trading Disruption, Exchange Disruption, Early Closure, Custom Index Disruption Event or Market Disruption Event or (ii) if Disruption Consequences are specified as applicable in the applicable Final Terms, the Knock-in Event or the Knock-out Event shall be deemed not to have occurred; provided that if, by operation of this provision, no Knock-in Determination Day or Knock-out Determination Day would occur in the Knock-in Determination Period or Knock-out Determination Period, the Knock-in Period Ending Date or Knock-out Period Ending Date shall be treated as a Valuation Date and the Calculation Agent shall determine the relevant Level as at the Knock-in Valuation Time or Knock-out Valuation Time in accordance with the provisions contained in the definition of "Valuation Date" for the purposes of determining the occurrence of a Knock-in Event or Knock-out Event.
- 16.4 In respect of Commodity Securities or Currency Securities, if the Knock-in Valuation Time or the Knock-out Valuation Time specified in the applicable Final Terms is the Valuation Time and if any Knock-in Determination Day or Knock-out Determination Day is a Commodity Disrupted Day or a Disrupted Day, as applicable, then (i) if Disruption Consequences are specified as not applicable in the applicable Final Terms, a Knock-in Event or Knock-out Event may occur notwithstanding such day being a Commodity Disrupted Day or a Disrupted Day, as the case may be or (ii) if Disruption Consequences are specified as applicable in the applicable Final Terms, such Knock-in Determination Day or Knock-out Determination Day will be deemed not to be a Knock-in Determination Day or Knock-out Determination Day for the purposes of determining the occurrence of a Knock-in Event or a Knock-out Event.
- 16.5 In respect of Securities other than Custom Index Securities or Debt Securities, if the Knock-in Valuation Time or the Knock-out Valuation Time specified in the applicable Final Terms is any time or period of time during the regular trading hours on the relevant Exchange and if on any Knock-in Determination Day or Knock-out Determination Day and at any time during the one-hour period that begins or ends at the time on which the relevant Level triggers the Knock-in Level, the Knock-out Level, the Knock-out High Barrier or the Knock-out Low Barrier, as applicable, (a) in the case of Index Securities, Share Securities, ETI Securities and Futures Securities, a Trading Disruption, Exchange Disruption or Early Closure, (b) in the case of Currency Securities, a Disruption Event or (c) in the case of Commodity Securities, a Market Disruption Event, in each case occurs or exists, then (i) if Disruption Consequences are specified as not applicable in the applicable Final Terms, a Knock-in Event or Knock-out Event may occur notwithstanding such Trading Disruption, Exchange Disruption, Early Closure, Disruption Event or Market Disruption Event or (ii) if Disruption Consequences are specified as applicable in the applicable Final Terms, the Knock-in Event or the Knock-out Event shall be deemed not to have occurred, provided that, in the case of Securities other than Commodity Securities or Currency Securities, if, by operation of this provision, no Knock-in Determination Day or Knock-out Determination Day would occur in the Knock-in Determination Period or Knock-out Determination Period, the Knock-in Period Ending Date or Knock-out Period Ending Date shall be treated as a Valuation Date and the Calculation Agent shall determine the relevant Level as at the Knock-in Valuation Time or Knock-out Valuation Time in accordance with the

## TERMS AND CONDITIONS OF THE SECURITIES

provisions contained in the definition of "Valuation Date" for the purposes of determining the occurrence of a Knock-in Event or Knock-out Event.

- 16.6 In respect of Debt Securities, if the Knock-in Valuation Time or the Knock-out Valuation Time specified in the applicable Final Terms is any time or period of time during the regular trading hours on the exchange on which the relevant Debt Instrument is traded or on any exchange on which options contracts or futures contracts with respect to such Debt Instrument are traded and if on any Knock-in Determination Day or Knock-out Determination Day and at any time at which the relevant Level triggers the Knock-in Level, the Knock-out Level, the Knock-out High Barrier or the Knock-out Low Barrier, as applicable, a Market Disruption Event has occurred or is occurring, then (i) if Disruption Consequences are specified as not applicable in the applicable Final Terms, a Knock-in Event or Knock-out Event may occur notwithstanding such Market Disruption Event or (ii) if Disruption Consequences are specified as applicable in the applicable Final Terms, the Knock-in Event or the Knock-out Event shall be deemed not to have occurred, provided that if, by operation of this provision, no Knock-in Determination Day or Knock-out Determination Day would occur in the Knock-in Determination Period or Knock-out Determination Period, the Knock-in Period Ending Date or Knock-out Period Ending Date shall be treated as a Valuation Date and the Calculation Agent shall determine the relevant Level as at the Knock-in Valuation Time or Knock-out Valuation Time in accordance with the provisions contained in the definition of "Valuation Date" for the purposes of determining the occurrence of a Knock-in Event or Knock-out Event.

- 16.7 Definitions relating to Knock-in Event/Knock-out Event

**"Knock-in Determination Day"** means (a) each date, (b) each Scheduled Trading Day in the Knock-in Determination Period, (c) each Scheduled Custom Index Business Day in the Knock-in Determination Period, (d) each Fund Business Day in the Knock-in Determination Period, (e) each Business Day in the Knock-in Determination Period or (f) each Commodity Business Day in the Knock-in Determination Period, as specified in the applicable Final Terms;

**"Knock-in Determination Period"** means the period which commences on, and includes, the Knock-in Period Beginning Date and ends on, and includes, the Knock-in Period Ending Date;

**"Knock-in Event"** means:

- (a) if SPS Knock-in Valuation is specified as applicable in the applicable Final Terms, the Knock-in Value is; or
- (b) if the Securities are Currency Securities and FX Knock-in Valuation is specified as applicable in the applicable Final Terms:
  - (i) if FX Coupon Performance is specified as applicable in the applicable Final Terms, that the FX Coupon Performance is; or
  - (ii) if Performance Value is specified as applicable in the applicable Final Terms, that the Performance Value is; or
- (c) if SPS Knock-in Valuation is specified as not applicable in the applicable Final Terms and, if the Securities are Currency Securities, unless FX Knock-in Valuation is specified as applicable in the applicable Final Terms:
  - (i) (in respect of a single Underlying Reference) that the Level is; or
  - (ii) (in respect of a Basket of Underlying References) that the amount determined by the Calculation Agent equal to the sum of the values of each Underlying Reference as the product of (x) the Level of such Underlying Reference and (y) the relevant Weighting is,



## TERMS AND CONDITIONS OF THE SECURITIES

(A) "greater than", "greater than or equal to", "less than" or "less than or equal to" the Knock-in Level or, if applicable, (B) "within" the Knock-in Range Level, in each case as specified in the applicable Final Terms (x) on a Knock-in Determination Day or (y) in respect of a Knock-in Determination Period, specified in the applicable Final Terms;

**"Knock-in Level"** means the FX Knock-in Level or the other level, amount, number or percentage specified as such or otherwise determined in the applicable Final Terms, subject to adjustment from time to time in accordance with the provisions set forth in the Relevant Adjustment Provisions;

**"Knock-in Period Beginning Date"** means the date specified as such in the applicable Final Terms or, if the Knock-in Period Beginning Date Day Convention is specified as applicable in the applicable Final Terms and such date is not a Scheduled Trading Day (in the case of Index Securities (other than Custom Index Securities), Share Securities, ETI Securities, Debt Securities or Currency Securities), a Commodity Business Day (in the case of Commodity Securities (other than where the Fund is a Euro Fund)), a Custom Index Business Day (in the case of Custom Index Securities), a Fund Business Day (in the case of Fund Securities) or Business Day (in the case of other Securities), the next following Scheduled Trading Day, Commodity Business Day, Custom Index Business Day, Fund Business Day or Business Day, as the case may be;

**"Knock-in Period Ending Date"** means the date specified as such in the applicable Final Terms or, if the Knock-in Period Ending Date Day Convention is specified as applicable in the applicable Final Terms and such date is not a Scheduled Trading Day (in the case of Index Securities (other than Custom Index Securities), Share Securities, ETI Securities, Debt Securities or Currency Securities), a Commodity Business Day (in the case of Commodity Securities), a Custom Index Business Day (in the case of Custom Index Securities), a Fund Business Day (in the case of Fund Securities (other than where the Fund is a Euro Fund)) or Business Day (in the case of other Securities), the next following Scheduled Trading Day, Commodity Business Day, Custom Index Business Day, Fund Business Day or Business Day, as the case may be;

**"Knock-in Range Level"** means the range of Levels specified as such or otherwise determined in the applicable Final Terms, subject to adjustment from time to time in accordance with the provisions set forth in the Relevant Adjustment Provisions;

**"Knock-in Observation Price Source"** means the source specified as such in the applicable Final Terms;

**"Knock-in Valuation Time"** means the time or period of time on any Knock-in Determination Day specified as such in the applicable Final Terms or in the event that the applicable Final Terms do not specify a Knock-in Valuation Time, the Knock-in Valuation Time shall be the Valuation Time;

**"Knock-in Value"** means, in respect of a Knock-in Determination Day or a Knock-in Determination Period, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

**"Knock-out Corridor Value 1"** means the Level specified as such in the applicable Final Terms;

**"Knock-out Corridor Value 2"** means the Level specified as such in the applicable Final Terms;

**"Knock-out Determination Day"** means (a) each date, (b) each Scheduled Trading Day in the Knock-out Determination Period, (c) each Scheduled Custom Index Business Day in the Knock-out Determination Period, (d) each Fund Business Day in the Knock-out Determination Period, (e) each Business Day in the Knock-out Determination Period or (f) each Commodity Business Day in the Knock-out Determination Period, as specified in the applicable Final Terms;

**"Knock-out Determination Period"** means the period which commences on, and includes, the Knock-out Period Beginning Date and ends on, and includes, the Knock-out Period Ending Date;

**"Knock-out Event"** means:

## TERMS AND CONDITIONS OF THE SECURITIES

- (a) if Knock-out Corridor Range is specified as applicable in the applicable Final Terms, that:
  - (i) the Knock-out Corridor Value 1 in respect of the Underlying Reference is greater than or equal to the Knock-out High Barrier specified in the applicable Final Terms; and/or
  - (ii) the Knock-out Corridor Value 2 in respect of the Underlying Reference is less than or equal to the Knock-out Low Barrier specified in the applicable Final Terms;
- (b) otherwise:
  - (i) if SPS Knock-out Valuation is specified as applicable in the applicable Final Terms, the Knock-out Value is, or
  - (ii) if the Securities are Currency Securities and FX Knock-out Valuation is specified as applicable in the applicable Final Terms:
    - (A) if FX Coupon Performance is specified as applicable in the applicable Final Terms, that the FX Coupon Performance is; or
    - (B) if Performance Value is specified as applicable in the applicable Final Terms, that the Performance Value is; or
  - (iii) if SPS Knock-out Valuation is specified as not applicable in the applicable Final Terms and, if the Securities are Currency Securities and unless FX Knock-out Valuation is specified as applicable in the applicable Final Terms:
    - (A) (in respect of a single Underlying Reference) that the Level is; or
    - (B) (in respect of a Basket of Underlying References) that the amount determined by the Calculation Agent equal to the sum of the values of each Underlying References as the product of (x) the Level of such Underlying Reference and (y) the relevant Weighting is,
      - (A) "greater than", "greater than or equal to", "less than" or "less than or equal to" the Knock-out Level or, if applicable, (B) "within" the Knock-out Range Level, in each case, as specified in the applicable Final Terms (x) on a Knock-out Determination Day or (y) in respect of a Knock-out Determination Period, as specified in the applicable Final Terms;

**"Knock-out High Barrier"** means the level, amount, number or percentage (which must be a level, amount, number or percentage greater than the Knock-out Low Barrier) specified as such in the applicable Final Terms, subject to adjustment from time to time in accordance with the provisions set forth in the Relevant Adjustment Provisions;

**"Knock-out Level"** means the FX Knock-out Level or the level, amount, number or percentage specified as such in the applicable Final Terms, subject to adjustment from time to time in accordance with the provisions set forth in the Relevant Adjustment Provisions;

**"Knock-out Low Barrier"** means the level, amount, number or percentage (which must be a level, amount, number or percentage less than the Knock-out High Barrier) specified as such in the applicable Final Terms, subject to adjustment from time to time in accordance with the provisions set forth in the Relevant Adjustment Provisions;

**"Knock-out Observation Price Source"** means the source specified as such in the applicable Final Terms;

## TERMS AND CONDITIONS OF THE SECURITIES

**"Knock-out Period Beginning Date"** means the date specified as such in the applicable Final Terms or, if the Knock-out Period Beginning Date Day Convention is specified as applicable in the applicable Final Terms and such date is not a Scheduled Trading Day (in the case of Index Securities (other than Custom Index Securities), Share Securities, ETI Securities, Debt Securities or Currency Securities), a Commodity Business Day (in the case of Commodity Securities), a Scheduled Custom Index Business Day (in the case of Custom Index Securities), a Fund Business Day (in the case of Fund Securities (other than where the Fund is a Euro Fund)) or Business Day (in the case of other Securities), the next following Scheduled Trading Day, Commodity Business Day, Scheduled Custom Index Business Day, Fund Business Day or Business Day, as the case may be;

**"Knock-out Period Ending Date"** means the date specified as such in the applicable Final Terms or, if the Knock-out Period Ending Date Day Convention is specified as applicable in the applicable Final Terms and such date is not a Scheduled Trading Day (in the case of Index Securities (other than Custom Index Securities), Share Securities, ETI Securities, Debt Securities or Currency Securities), a Commodity Business Day (in the case of Commodity Securities), a Scheduled Custom Index Business Day (in the case of Custom Index Securities), a Fund Business Day (in the case of Fund Securities (other than where the Fund is a Euro Fund)) or Business Day (in the case of other Securities), the next following Scheduled Trading Day, Commodity Business Day, Scheduled Custom Index Business Day, Fund Business Day or Business Day, as the case may be;

**"Knock-out Range Level"** means the range of Levels specified as such or otherwise determined in the applicable Final Terms, subject to adjustment from time to time in accordance with the provisions set forth in the Relevant Adjustment Provisions;

**"Knock-out Valuation Time"** means the time or period of time on any Knock-out Determination Day specified as such in the applicable Final Terms or in the event that the applicable Final Terms do not specify a Knock-out Valuation Time, the Knock-out Valuation Time shall be the Valuation Time;

**"Knock-out Value"** means, in respect of a Knock-out Determination Day or a Knock-out Determination Period, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

**"Level"** means, for the purposes of this Condition 16, (i) the "official level", "official close", "last price", "traded price", "bid price" or "asked price" of the Underlying Reference, as specified in the applicable Final Terms, published by the Knock-in Observation Price Source or Knock-out Observation Price Source, as applicable, or (ii) if "Standard Level" is specified as applicable in the applicable Final Terms (a) in the case of Share Securities, ETI Securities and Futures Securities, the price of the relevant Underlying Reference, (b) in the case of Index Securities and Custom Index Securities, the level of the relevant Underlying Reference (c) in the case of Commodity Securities, the Relevant Price, or (d) in the case of Currency Securities, the spot rate of exchange for the exchange of the Subject Currency into the Base Currency (expressed as the number of units (or part units) of such Subject Currency for which one unit of the Base Currency can be exchanged), in each case determined by the Calculation Agent as of the Knock-in Valuation Time or Knock-out Valuation Time on any Knock-in Determination Day or Knock-out Determination Day, as applicable, or, in the case of the "official close" level, at such time as the official close is published by the Knock-in Observation Price Source or Knock-out Observation Price Source, as applicable;

**"Relevant Adjustment Provisions"** means:

- (a) in the case of Index Securities, Index Security Condition 2 (Market Disruption) and Index Security Condition 3 (Adjustments to an Index);
- (b) in the case of Custom Index Securities, Index Security Condition 6 (Adjustments to a Custom Index and Custom Index Disruption);
- (c) in the case of Share Securities, Share Security Condition 2 (Market Disruption), Share Security Condition 3 (Potential Adjustment Events) and Share Security Condition 4 (Extraordinary Events);

## TERMS AND CONDITIONS OF THE SECURITIES

- (d) in the case of ETI Securities, ETI Security Condition 2 (Market Disruption) and ETI Security Condition 3 (Potential Adjustment Events);
- (e) in the case of Commodity Securities, Commodity Security Condition 2 (Market Disruption) and Commodity Security Condition 3 (Consequences of a Market Disruption Event and Disruption Fallbacks);
- (f) in the case of Currency Securities, Currency Security Condition 2 (Disruption Events) and Currency Security Condition 3 (Consequences of a Disruption Event);
- (g) in the case of Futures Securities, Futures Security Condition 3 (Adjustments to a Future);
- (h) in the case of Debt Securities, Debt Security Condition 3 (Market Disruption), Debt Security Condition 4 (Correction of Debt Instrument Price) and Debt Security Condition 5 (Redemption or Cancellation of a Debt Instrument); and

"**Underlying Reference**" means, for the purposes of this Condition 16, each Index, Custom Index, Share, ETI Interest, Debt Instrument, Commodity, Commodity Index, Subject Currency, Future or other basis of reference to which the relevant Securities relate.

### 17. ADJUSTMENTS FOR EUROPEAN MONETARY UNION

Unless Redenomination is specified as not applicable in the applicable Final Terms, the Issuer may, without the consent of the Holders, on giving notice to the Holders in accordance with Condition 10:

- (a) elect that, with effect from the Adjustment Date specified in the notice, certain terms of the Securities shall be redenominated in euro.

The election will have effect as follows:

- (i) where the Settlement Currency of the Securities is the National Currency Unit of a country which is participating in the third stage of European Economic and Monetary Union, such Settlement Currency shall be deemed to be an amount of euro converted from the original Settlement Currency into euro at the Established Rate, subject to such provisions (if any) as to rounding as the Issuer may decide, after consultation with the Calculation Agent, and as may be specified in the notice, and after the Adjustment Date, all payments of the Cash Settlement Amount in respect of the Securities will be made solely in euro as though references in the Securities to the Settlement Currency were to euro;
  - (ii) where the Exchange Rate and/or any other terms of these Terms and Conditions are expressed in or, in the case of the Exchange Rate, contemplate the exchange from or into, the currency (the "**Original Currency**") of a country which is participating in the third stage of European Economic and Monetary Union, such Exchange Rate and/or any other terms of these Terms and Conditions shall be deemed to be expressed in or, in the case of the Exchange Rate, converted from or, as the case may be into, euro at the Established Rate; and
  - (iii) such other changes shall be made to these Terms and Conditions as the Issuer may decide, after consultation with the Calculation Agent to conform them to conventions then applicable to instruments expressed in euro; and/or
- (b) require that the Calculation Agent make such adjustments to the Weighting and/or the Settlement Price and/or any other terms of these Terms and Conditions and/or the Final Terms as the Calculation Agent, acting in good faith and in a commercially reasonable manner, may determine to be appropriate to

## TERMS AND CONDITIONS OF THE SECURITIES

account for the effect of the third stage of European Economic and Monetary Union on the Weighting and/or the Settlement Price and/or such other terms of these Terms and Conditions.

Notwithstanding the foregoing, none of the Issuer, the Guarantor, if any, the Calculation Agent, the Euroclear Registrar, if applicable, and the Security Agents shall be liable to any Holder or other person for any commissions, costs, losses or expenses in relation to or resulting from the transfer of euro or any currency conversion or rounding effected in connection therewith.

In this Condition, the following expressions have the following meanings:

**"Adjustment Date"** means a date specified by the Issuer in the notice given to the Holders pursuant to this Condition which falls on or after the date on which the country of the Original Currency first participates in the third stage of European Economic and Monetary Union pursuant to the Treaty;

**"Established Rate"** means the rate for the conversion of the Original Currency (including compliance with rules relating to rounding in accordance with applicable European Union regulations) into euro established by the Council of the European Union pursuant to Article 140 of the Treaty;

**"euro"** means the currency introduced at the start of the third stage of European Economic and Monetary Union pursuant to the Treaty;

**"National Currency Unit"** means the unit of the currency of a country, as those units are defined on the day before the date on which the country of the Original Currency first participates in the third stage of European Economic and Monetary Union; and

**"Treaty"** means the Treaty on the Functioning of the European Union, as amended.

### 18. CONTRACTS (RIGHTS OF THIRD PARTIES) ACT 1999

The English Law Securities do not confer on a third party any right under the Contracts (Rights of Third Parties) Act 1999 to enforce any term of such Securities but this does not affect any right or remedy of a third party which exists or is available apart from that Act.

19. This section is intentionally left blank.

20. This section is intentionally left blank.

21. This section is intentionally left blank.

22. This section is intentionally left blank.

23. This section is intentionally left blank.

24. This section is intentionally left blank.

25. This section is intentionally left blank.

26. This section is intentionally left blank.

27. This section is intentionally left blank.

### 28. CERTAIN DEFINITIONS RELATING TO EXERCISE, VALUATION AND REDEMPTION

**"Averaging Date"** means:

## TERMS AND CONDITIONS OF THE SECURITIES

- (a) in the case of Index Securities (other than Index Securities relating to a Custom Index or Basket of Custom Indices (each as defined in Annex 2)), Share Securities, ETI Securities, Debt Securities or Futures Securities, each date specified as an Averaging Date in the applicable Final Terms or, if any such date is not a Scheduled Trading Day, the immediately following Scheduled Trading Day unless, in the opinion of the Calculation Agent, any such day is a Disrupted Day. If any such day is a Disrupted Day, then:
- (i) if "**Omission**" is specified as applying in the applicable Final Terms, then such date will be deemed not to be an Averaging Date for the purposes of determining the relevant value, level, price or amount provided that, if through the operation of this provision no Averaging Date would occur, then the provisions of the definition of "Valuation Date" will apply for the purposes of determining the relevant level, price, value or amount on the final Averaging Date as if such Averaging Date were a Valuation Date that was a Disrupted Day; or
  - (ii) if "**Postponement**" is specified as applying in the applicable Final Terms, then the provisions of the definition of "Valuation Date" will apply for the purposes of determining the relevant level, price, value or amount on that Averaging Date as if such Averaging Date were a Valuation Date that was a Disrupted Day irrespective of whether, pursuant to such determination, that deferred Averaging Date would fall on a day that already is or is deemed to be an Averaging Date; or
  - (iii) if "**Modified Postponement**" is specified as applying in the applicable Final Terms, then:
    - (A) where the Certificates are Index Securities relating to a single Index (other than a Component Security Index), Share Securities relating to a single Share, ETI Securities relating to a single ETI Interest or Futures Securities relating to single Future, the Averaging Date shall be the first succeeding Valid Date (as defined below). If the first succeeding Valid Date has not occurred for a number of consecutive Scheduled Trading Days equal to the Specified Maximum Days of Disruption immediately following the original date that, but for the occurrence of another Averaging Date or Disrupted Day, would have been the final Averaging Date, then (I) that last such consecutive Scheduled Trading Day shall be deemed to be the Averaging Date (irrespective of whether that last such consecutive Scheduled Trading Day is already an Averaging Date), and (II) the Calculation Agent shall determine the relevant level, value, price or amount for that Averaging Date in accordance with subparagraph (a)(i) of the definition of "Valuation Date" below; and
    - (B) where the Certificates are Index Securities relating to a single Component Security Index, the Calculation Agent shall determine the level of the Component Security Index for the Averaging Date in accordance with sub-paragraph (a)(ii) of the definition of "Valuation Date" below and the Averaging Date shall be deemed to be the earliest date on which the Calculation Agent determines the level of the Component Security Index in accordance with the provisions of sub-paragraph (a)(ii) of the definition of "Valuation Date" below;
    - (C) where the Certificates are Index Securities relating to a Basket of Indices (other than a Basket of Component Security Indices), Share Securities relating to a Basket of Shares, ETI Securities relating to an ETI Basket or Futures Securities relating to a Basket of Futures, the Averaging Date for each Index, Share, ETI Interest or Future not affected by the occurrence of a Disrupted Day shall be the originally designated Averaging Date (the "**Scheduled Averaging Date**") and the Averaging Date for each Index, Share, ETI Interest or Future affected by the occurrence of a Disrupted Day

## TERMS AND CONDITIONS OF THE SECURITIES

shall be the first succeeding Valid Date (as defined below) in relation to such Index, Share, ETI Interest or Future. If the first succeeding Valid Date in relation to such Index, Share, ETI Interest or Future has not occurred for a number of consecutive Scheduled Trading Days equal to the Specified Maximum Days of Disruption immediately following the original date that, but for the occurrence of another Averaging Date or Disrupted Day, would have been the final Averaging Date, then (I) that last such consecutive Scheduled Trading Day shall be deemed the Averaging Date (irrespective of whether that last such consecutive Scheduled Trading Day is already an Averaging Date) in respect of such Index, Share, ETI Interest or Future, and (II) the Calculation Agent shall determine the relevant level, price, value or amount for that Averaging Date in accordance with subparagraph (a)(iii) of the definition of "Valuation Date" below; and

- (D) where the Certificates are Index Securities relating to a Basket of Component Security Indices, the Averaging Date for each Component Security Index not affected by the occurrence of a Disrupted Day shall be the Scheduled Averaging Date, and for each Component Security Index affected (an "**Affected Item**") by the occurrence of a Disrupted Day, the Calculation Agent shall determine the level of the Component Security Index in accordance with the provisions of sub-paragraph (a)(iv) of the definition of "Valuation Date" below and the Averaging Date shall be deemed to be the earliest date on which the Calculation Agent determines the level of the Component Security Index in accordance with the provisions of sub-paragraph (a)(iv) of the definition of "Valuation Date" below; or
- (b) in the case of Commodity Securities, each date specified as such in the applicable Final Terms or, if any such date is not a Commodity Business Day, the immediately following Commodity Business Day unless, in the opinion of the Calculation Agent, any such day is a day on which a Market Disruption Event has occurred or is continuing, in which case the provisions of Commodity Security Condition 3 (Consequences of a Market Disruption Event and Disruption Fallbacks) shall apply; or
- (c) in the case of Open End Certificates (other than Put/Call Open End Certificates), the date designated as such by the Issuer, provided that such date is determined by the Issuer and notified to the Holders in accordance with Condition 10 at the latest on the tenth (10th) Business Day preceding the contemplated Averaging Date;

**"Cash Settlement Amount"** means, in relation to Cash Settled Certificates, the amount (which may never be less than zero) to which the Holder is entitled in the Settlement Currency in relation to each such Certificate equal to the Final Payout specified in the applicable Final Terms.

The Cash Settlement Amount (if any) shall be rounded to the nearest sub-unit of the relevant Settlement Currency, half of any such sub-unit being rounded upwards or otherwise in accordance with applicable market convention, provided that if Rounding Convention 2 is specified as applicable in the applicable Final Terms, the Cash Settlement Amount shall not be subject to rounding but Securities of the same Series held by the same Holder will be aggregated for the purpose of determining the aggregate Cash Settlement Amount in respect of such Certificates and the aggregate of such Cash Settlement Amounts will be rounded down to the nearest whole sub-unit of the Settlement Currency in such manner as the Calculation Agent shall determine, provided that if the product of the Final Payout is zero, no amount shall be payable in respect of the relevant Certificate or, in the case of Multiple Exercise Certificates, the relevant Exercise Settlement Date.

If the Cash Settlement Amount is not an amount in the Settlement Currency, if specified in the applicable Final Terms it will be converted into the Settlement Currency at the Exchange Rate specified in the applicable Final Terms;

## TERMS AND CONDITIONS OF THE SECURITIES

**"CREST Dematerialised Certificates"** means Certificates issued by BNPP B.V. in uncertificated registered form in accordance with the Uncertificated Securities Regulations 2001 (as amended, modified or re-enacted and such other regulations made under Sections 783, 784(3), 785 and 788 of the Companies Act 2006 as are applicable to the Euroclear Registrar);

**"Cut-off Date"** means the date specified as such in the applicable Final Terms or if not so specified (a) in respect of Physical Delivery Certificates that are not Credit Certificates, (i) if SPS Accumulator AER Payout is not specified as applicable in the applicable Final Terms, the third Business Day immediately preceding the Redemption Date or (ii) if SPS Accumulator AER Payout is specified as applicable in the applicable Final Terms, the third Business Day preceding the relevant Automatic Early Redemption Date in respect of which an Automatic Early Redemption Event has occurred or (b) in respect of Credit Certificates, the third Business Day immediately preceding the Physical Settlement Date (or, if earlier, the tenth Business Day following the NOPS Effective Date of the Notice of Physical Settlement);

**"Danish Dematerialised Certificates"** means Certificates in registered, uncertificated and dematerialised book-entry form in accordance with the provisions of the Danish Securities Trading Act and accepted by VP Denmark for clearing and registration in the VP Denmark System;

**"English Law Certificates"** means the Certificates specified in the applicable Final Terms as being governed by English law;

**"Entitlement"** means in relation to a Physical Delivery Certificate, the quantity of the Relevant Asset or the Relevant Assets (plus any cash amount as provided therein), as the case may be, which a Holder is entitled to receive on the Redemption Date in respect of each such Certificate following payment of any sums payable (including Expenses as defined in Condition 11 rounded down as provided in Condition 35.2(c) as determined by the Calculation Agent including any documents evidencing such Entitlement which amount will be the Entitlement Amount specified in the applicable Final Terms or (in the case of a Credit Certificate) the relevant obligations and/or other assets as specified in the Credit Security Conditions);

**"Exercise Settlement Date"** is the date specified as such in the applicable Final Terms;

**"Finnish Dematerialised Certificates"** means Certificates in registered, uncertificated and dematerialised book-entry form in accordance with the provisions of Regulation (EU) No 909/2014 (the **"Central Securities Depositories Regulation"**), the Finnish Act on the Book-Entry System and Clearing (*Fin. laki arvo-osuusjärjestelmästä ja selvitystoiminnasta* (348/2017)) and the Finnish Act on Book-Entry Accounts (*Fin. laki arvo-osuustileistä* (827/1991)), accepted by Euroclear Finland for clearing and registration in the Euroclear Finland System;

**"French Law Certificates"** means the Certificates specified in the applicable Final Terms as being governed by French law;

**"Italian Certificates"** means Exercisable Certificates which are admitted to trading on SeDex, the Multilateral Trading Facility of securities derivatives financial instruments organised and managed by Borsa Italiana S.p.A. (the **"SeDeX MTF"**), or on EuroTLX, the Multilateral Trading Facility organised and managed by Borsa Italiana S.p.A. (the **"EuroTLX"**), as the case may be;

**"Italian Dematerialised Certificates"** means Cash Settled Exercisable Certificates issued in registered, uncertificated and dematerialised book-entry form into Monte Titoli pursuant to Italian legislative decree no. 58/1998 as amended and integrated by subsequent implementing provisions;

**"Norwegian Dematerialised Certificates"** means Certificates in registered, uncertificated and dematerialised book-entry form in accordance with the provisions of the Norwegian Securities Register Act and accepted by VPS Norway for clearing and registration in the VPS Norway System;



## TERMS AND CONDITIONS OF THE SECURITIES

**"Observation Date"** means:

- (a) in the case of Certificates other than Open End Certificates, each date specified as an Observation Date in the applicable Final Terms or if any such date is not a Scheduled Trading Day (in the case of Index Securities (other than Index Securities relating to a Custom Index or Basket of Custom Indices), Share Securities, ETI Securities, Debt Securities or Futures Securities) or Commodity Business Day (in the case of Commodity Securities), the immediately following Scheduled Trading Day or Commodity Business Day, as applicable. The provisions contained in the definition of "Averaging Date" shall apply if any such day is a Disrupted Day or, in the case of Commodity Securities, a day on which a Market Disruption Event has occurred or is continuing, *mutatis mutandis* as if references in such provisions to "Averaging Date" were to "Observation Date" unless Observation Day Disruption Consequences is specified as not applicable in the applicable Final Terms, in which case such date will be an Observation Date notwithstanding the occurrence of a Disrupted Day and (i) in the case of Index Securities (other than Index Securities relating to a Custom Index or Basket of Custom Indices), Share Securities, ETI Securities, Debt Securities or Futures Securities, the provisions of (a)(i)(B), (a)(ii), (a)(iii)(B) or (a)(iv), as applicable, of the definition of "Valuation Date" will apply for the purposes of determining the relevant level, price or amount on such Observation Date as if such Observation Date were a Valuation Date that was a Disrupted Day or (ii) in the case of Commodity Securities the provisions of Commodity Security Condition 3 (Consequences of a Market Disruption Event and Disruption Fallbacks) will apply; and
- (b) in the case of Open End Certificates (other than Put/Call Open End Certificates), the date designated as such by the Issuer, provided that such date is determined by the Issuer and notified to the Holders in accordance with Condition 10 at the latest on the tenth (10th) Business Day preceding the contemplated Observation Date;

**"Observation Period"** means the period specified as the Observation Period in the applicable Final Terms;

**"Open End Certificate"** means a Certificate in respect of which "Open End" is specified as applicable in the relevant Final Terms and which may be redeemed (i) unless "Put/Call Open End Certificate" is specified in the applicable Final Terms, on a date determined by the Issuer or pursuant to Condition 34.4 or (ii) if "Put/Call Open End Certificate" is specified in the applicable Final Terms, in accordance with the provisions of Condition 34.3 or Condition 34.4, as the case may be, in either case, subject to the other provisions of these Terms and Conditions;

**"Polish Dematerialised Certificates"** means Certificates in registered, uncertificated and dematerialised book-entry form in accordance with the provisions of the Polish Act on Trading in Financial Instruments accepted by KDPW Poland for registration in the KDPW Poland System and cleared by KDPW Poland CCP;

**"Reference Banks"** means the five major banks selected by the Calculation Agent in the interbank market (or, if appropriate, money, swap or over-the-counter index options market) that is most closely connected with the relevant rate (which, if EURIBOR is the relevant rate, shall be the euro-zone);

**"Reference Rate Fallback Event"** means, in relation to any Screen Page Reference Rate or AER Reference Rate, as applicable, any of the following, as determined by the Calculation Agent:

- (i) the Screen Page Reference Rate or AER Reference Rate, as applicable, ceasing to exist or ceasing to be published for a period of at least six (6) consecutive Business Days or having been permanently or indefinitely discontinued;
- (ii) the making of a public statement or publication of information (provided that, at the time of any such event, there is no successor administrator that will provide the Screen Page Reference Rate) by or on behalf of (i) the administrator of the Screen Page Reference Rate or AER Reference Rate, as applicable,

## TERMS AND CONDITIONS OF THE SECURITIES

or (ii) the supervisor, insolvency official, resolution authority, central bank or competent court having jurisdiction over such administrator stating that (x) the administrator has ceased or will cease permanently or indefinitely to provide the Screen Page Reference Rate or AER Reference Rate, as applicable, (y) the Screen Page Reference Rate or AER Reference Rate, as applicable, has been or will be permanently or indefinitely discontinued, or (z) the Screen Page Reference Rate or AER Reference Rate, as applicable, has been or will be prohibited from being used or that its use has been or will be subject to restrictions or adverse consequences, either generally, or in respect of the Securities, provided that, if such public statement or publication mentions that the event or circumstance referred to in (x), (y) or (z) above will occur on a date falling later than three (3) months after the relevant public statement or publication, the Reference Rate Fallback Event shall be deemed to occur on the date falling three (3) months prior to such specified date (and not the date of the relevant public statement);

- (iii) it has or will prior to the next Interest Determination Date (as applicable), become unlawful for the Calculation Agent or any other party responsible for determining the Screen Page Reference Rate or AER Reference Rate, as applicable, to calculate any payments due to be made to any Holder using the Screen Page Reference Rate or AER Reference Rate, as applicable (including, without limitation, under BMR, if applicable); or
- (iv) the making of a public statement or publication of information that any authorisation, registration, recognition, endorsement, equivalence decision, approval or inclusion in any official register in respect of the Screen Page Reference Rate or AER Reference Rate, as applicable, or the administrator of the Screen Page Reference Rate or AER Reference Rate, as applicable, has not been, or will not be, obtained or has been, or will be, rejected, refused, suspended or withdrawn by the relevant competent authority or other relevant official body, in each case with the effect that the use of the Screen Page Reference Rate or AER Reference Rate, as applicable, is not or will not be permitted under any applicable law or regulation, such that the Calculation Agent or any other party responsible for determining the Screen Page Reference Rate or AER Reference Rate, as applicable, is unable to perform its obligations in respect of the Securities.

A change in the methodology of the Screen Page Reference Rate or AER Reference Rate, as applicable, shall not, absent the occurrence of one of the above, be deemed a Reference Rate Fallback Event.

**"Swedish Dematerialised Certificates"** means Certificates in registered, uncertificated and dematerialised book-entry form in accordance with the SFIA Act accepted by Euroclear Sweden for clearing and registration in the Euroclear Sweden System;

**"Swiss Dematerialised Certificates"** means Certificates in uncertificated and dematerialised form which are entered into the main register (*Hauptregister*) of SIX SIS Ltd or any other intermediary in Switzerland recognised for such purposes by SIX Swiss Exchange Ltd (SIX SIS Ltd or any other such intermediary, the **"Intermediary"**) and entered into the accounts of one or more participants of the Intermediary.

**"Swiss Materialised Certificates"** means Certificates represented by a permanent global certificate which will be deposited by the Swiss Security Agent with SIX SIS Ltd or any other intermediary in Switzerland recognised for such purposes by SIX Swiss Exchange Ltd (SIX SIS Ltd or any other intermediary, the **"Intermediary"**) and entered into the accounts of one or more participants of the Intermediary.

**"Valid Date"** means a Scheduled Trading Day that is not a Disrupted Day and on which another Averaging Date or another Observation Date does not or is deemed not to occur;

**"Valuation Date"** means:

- (a) in the case of Index Securities (other than Index Securities relating to a Custom Index or Basket of Custom Indices), Share Securities, ETI Securities, Debt Securities or Futures Securities, unless

## TERMS AND CONDITIONS OF THE SECURITIES

otherwise specified in the applicable Final Terms, the Interest Valuation Date and/or the Redemption Valuation Date (subject to paragraph (b) below in respect of Open End Certificates), as the case may be, specified in the applicable Final Terms or, if such day is not a Scheduled Trading Day, the immediately succeeding Scheduled Trading Day unless, in the opinion of the Calculation Agent, such day is a Disrupted Day. If such day is a Disrupted Day, then:

- (i) where the Certificates are Index Securities relating to a single Index (other than a Component Security Index), Share Securities relating to a single Share, ETI Securities relating to a single ETI Interest, Debt Securities relating to a single Debt Instrument or Futures Securities relating to a single Future, the Valuation Date shall be the first succeeding Scheduled Trading Day that is not a Disrupted Day, unless each of the number of consecutive Scheduled Trading Days equal to the Specified Maximum Days of Disruption immediately following the Scheduled Valuation Date is a Disrupted Day. In that case, (A) the last such consecutive Scheduled Trading Day shall be deemed to be the Valuation Date, notwithstanding the fact that such day is a Disrupted Day, and (B) the Calculation Agent shall determine the relevant value, level, price or amount:
  - (I) in the case of Index Securities, by determining the level of the Index as of the Valuation Time on the last such consecutive Scheduled Trading Day in accordance with the formula for and method of calculating the Index last in effect prior to the occurrence of the first Disrupted Day using the Exchange traded or quoted price as of the Valuation Time on the last such consecutive Scheduled Trading Day of each security comprised in the Index (or, if an event giving rise to a Disrupted Day has occurred in respect of the relevant security on the last such consecutive Scheduled Trading Day, its good faith estimate of the value for the relevant security as of the Valuation Time on the last such consecutive Scheduled Trading Day); or
  - (II) in the case of Share Securities, ETI Securities, Debt Securities or Futures Securities, in accordance with its good faith estimate of the relevant value, level, price or amount as of the Valuation Time on the last such consecutive Scheduled Trading Day;
- (ii) where the Certificates are Index Securities relating to a single Component Security Index, the Calculation Agent shall determine the relevant level for such Component Security Index using the formula for and method of calculating such Component Security Index last in effect prior to the occurrence of the first Disrupted Day using:
  - (I) in respect of each Component Security not affected by a Market Disruption Event on the Scheduled Valuation Date, the exchange traded or quoted price of such Component Security as of the Valuation Time on the Scheduled Valuation Date; and
  - (II) in respect of each Component Security affected (each, an "**Affected Component Security**") by a Market Disruption Event on the Scheduled Valuation Date, the exchange traded or quoted price for each Affected Component Security on the first succeeding Scheduled Trading Day on which no Market Disruption Event occurs or is continuing with respect to the Affected Component Security, unless each of the number of consecutive Scheduled Trading Days equal to the Specified Maximum Days of Disruption immediately following the Scheduled Valuation Date is a day on which a Market Disruption Event occurs or is continuing with respect to the Affected Component Security, in which case, the Calculation Agent shall determine the value, amount, level or price of such Affected Component Security using its good faith estimate of the value, amount, level or price of the relevant Affected Component

## TERMS AND CONDITIONS OF THE SECURITIES

Security as of the Valuation Time on the last such consecutive Scheduled Trading Day; and

the Valuation Date shall be deemed to be the earliest date on which the Calculation Agent determines the level of the Component Security Index in accordance with the above provisions; or

- (iii) where the Certificates are Index Securities relating to a Basket of Indices (other than a Basket of Component Security Indices), Share Securities relating to a Basket of Shares, ETI Securities relating to a Basket comprised of ETI Interests or a Basket of ETI Interests, as the case may be, Debt Securities relating to a Basket of Debt Instruments or Futures Securities relating to a Basket of Futures, the Valuation Date for each Index, Share, ETI Interest, Debt Instrument or Future, as the case may be, not affected by the occurrence of a Disrupted Day shall be the Scheduled Valuation Date, and the Valuation Date for each Index, Share, ETI Interest, Debt Instrument or Future affected, as the case may be, (each an "**Affected Item**") by the occurrence of a Disrupted Day shall be the first succeeding Scheduled Trading Day that is not a Disrupted Day relating to the Affected Item unless each of the number of consecutive Scheduled Trading Days equal to the Specified Maximum Days of Disruption immediately following the Scheduled Valuation Date is a Disrupted Day relating to the Affected Item. In that case, (A) the last such consecutive Scheduled Trading Day shall be deemed to be the Valuation Date for the Affected Item, notwithstanding the fact that such day is a Disrupted Day, and (B) the Calculation Agent shall determine the relevant value, level, price or amount using, in relation to the Affected Item, the value, level, price or amount as applicable, determined using:
  - (I) in the case of an Index, the level of that Index as of the Valuation Time on the last such consecutive Scheduled Trading Day in accordance with the formula for and method of calculating that Index last in effect prior to the occurrence of the first Disrupted Day using the Exchange traded or quoted price as of the Valuation Time on the last such consecutive Scheduled Trading Day of each security comprised in that Index (or, if an event giving rise to a Disrupted Day has occurred in respect of the relevant security on that last such consecutive Scheduled Trading Day, its good faith estimate of the value for the relevant security as of the Valuation Time on the last such consecutive Scheduled Trading Day); or
  - (II) in the case of a Share, ETI Interest, Debt Security or Future, its good faith estimate of the value, level, price or amount for the Affected Item as of the Valuation Time on that last such consecutive Scheduled Trading Day; or
- (iv) where the Certificates are Index Securities relating to a Basket of Component Security Indices, the Valuation Date for each Component Security Index not affected by the occurrence of a Disrupted Day shall be the Scheduled Valuation Date, and for each Component Security Index affected (an "**Affected Item**") by the occurrence of a Disrupted Day, the Calculation Agent shall determine the level of that Component Security Index using the formula for and method of calculating that Component Security Index last in effect prior to the occurrence of the first Disrupted Day, using:
  - (I) in respect of each Component Security not affected by a Market Disruption Event on the Scheduled Valuation Date, the exchange traded or quoted price of such Component Security as of the Valuation Time on the Scheduled Valuation Date; and
  - (II) in respect of each Component Security affected (each, an "**Affected Component Security**") by a Market Disruption Event on the Scheduled Valuation Date, the

## TERMS AND CONDITIONS OF THE SECURITIES

exchange traded or quoted price for each Affected Component Security on the first succeeding Scheduled Trading Day on which no Market Disruption Event occurs or is continuing with respect to the Affected Component Security, unless each of the number of consecutive Scheduled Trading Days equal to the Specified Maximum Days of Disruption immediately following the Scheduled Valuation Date is a day on which a Market Disruption Event occurs or is continuing with respect to the Affected Component Security, in which case, the Calculation Agent shall determine the value, amount, level or price of such Affected Component Security using its good faith estimate of the value, amount, level or price of the relevant Affected Component Security as of the Valuation Time on the last such consecutive Scheduled Trading Day; and

the Valuation Date shall be deemed to be the earliest date on which the Calculation Agent determines the level of the Component Security Index in accordance with the above provisions; or

- (b) in the case of Open End Certificates (other than Put/Call Open End Certificates) and for the purposes of the "Provisions relating to Valuation on Redemption" set out in the applicable Final Terms, the date designated as the Redemption Valuation Date by the Issuer, provided that such date is determined by the Issuer and notified to the Holders in accordance with Condition 13 at the latest on the tenth (10th) Business Day preceding the contemplated Redemption Valuation Date; and

- (c) in the case of Commodity Securities, the Final Pricing Date,

and otherwise in accordance with the above provisions; and

**"Valuation Time"** means:

- (a) the Interest Valuation Time or the Valuation Time, as the case may be, specified in the applicable Final Terms; or
- (b)
  - (i) in the case of Index Securities relating to a Composite Index, unless otherwise specified in the applicable Final Terms, (A) for the purposes of determining whether a Market Disruption Event has occurred: (x) in respect of any Component Security, the Scheduled Closing Time on the Exchange in respect of such Component Security, and (y) in respect of any options contracts or futures contracts on such Index, the close of trading on the Related Exchange; and (B) in all other circumstances, the time at which the official closing level of such Index is calculated and published by the Index Sponsor;
  - (ii) in the case of Index Securities relating to Indices other than Composite Indices, Share Securities or ETI Securities unless otherwise specified in the applicable Final Terms, the Scheduled Closing Time on the relevant Exchange on the relevant Strike Date, Valuation Date, Observation Date or Averaging Date, as the case may be, in relation to each Index, Share or ETI Interest to be valued, provided that if the relevant Exchange closes prior to its Scheduled Closing Time and the specified Interest Valuation Time or Valuation Time, as the case may be, is after the actual closing time for its regular trading session, then the Interest Valuation Time or the Valuation Time, as the case may be, shall be such actual closing time; or
  - (iii) in the case of Share Securities relating to Shares in respect of which "China Connect" is specified as applicable in the applicable Final Terms and unless otherwise specified in the applicable Final Terms, the Scheduled Closing Time of the China Connect Service on the relevant Strike Date, Valuation Date, Observation Date or Averaging Date, as the case may be, in relation to each such Share to be valued, provided that, if the China Connect Service

## TERMS AND CONDITIONS OF THE SECURITIES

closes prior to its Scheduled Closing Time and the specified Interest Valuation Time or Valuation Time, as the case may be, is after the actual closing time for its regular order routing session, then the Interest Valuation Time or the Valuation Time, as the case may be, shall be such actual closing time.

### 29. FORM OF SECURITIES

English Law Certificates (other than CREST Dematerialised Certificates, Swedish Dematerialised Certificates, Finnish Dematerialised Certificates, Danish Dematerialised Certificates, Norwegian Dematerialised Certificates, Italian Dematerialised Certificates, Swiss Dematerialised Certificates and Polish Dematerialised Certificates) are represented by (i) a permanent global certificate ("**Permanent Global Certificate**"), (ii) a Rule 144A Global Certificate (as defined below), (iii) a Regulation S Global Certificate (as defined below), (iv) Private Placement Definitive Certificates (as defined below), (v) certificates in registered form ("**Registered Certificates**") or (vi) a global certificate issued via Clearstream, Frankfurt's electronic data system (a "**CBF Global Certificate**"), as specified in the applicable Final Terms. Except as provided herein, no Certificates in definitive form will be issued.

English Law Certificates that are CREST Dematerialised Certificates will be issued by BNPP B.V. only in uncertificated registered form in accordance with the Uncertificated Securities Regulations. CREST Dematerialised Certificates are participating securities for the purposes of the Uncertificated Securities Regulations and will not be issued in definitive form.

English Law Certificates that are Swedish Dematerialised Certificates will be issued in registered, uncertificated and dematerialised book-entry form in accordance with the Swedish Central Securities Depositories and Financial Instruments Accounts Act (*Sw. Lag (1998: 1479) om värdepapperscentraler och kontoföring av finansiella instrument*) (the "**SFIA Act**"). Swedish Dematerialised Certificates will not be issued in definitive form.

English Law Certificates that are Finnish Dematerialised Certificates will be issued in registered, uncertificated and dematerialised book-entry form in accordance with the Central Securities Depositories Regulation, the Finnish Act on the Book-Entry System and Clearing (*Fin. laki arvo-osuusjärjestelmästä ja selvitystoiminnasta* (348/2017)) and the Finnish Act on Book-Entry Accounts (*Fin. laki arvo-osuustileistä* (827/1991)). Finnish Dematerialised Certificates will not be issued in definitive form.

English Law Certificates that are Danish Dematerialised Certificates will be issued in registered, uncertificated and dematerialised book-entry form in accordance with the Danish Securities Trading Act (*in Danish: lovbekendtgørelse nr. 831 af 12. juni 2014 om værdipapirhandel mv.*). Danish Dematerialised Certificates will not be issued in definitive form.

English Law Certificates that are Norwegian Dematerialised Certificates will be issued in registered, uncertificated and dematerialised book-entry form in accordance with the Norwegian Securities Register Act and the VPS Norway Rules. Norwegian Dematerialised Certificates will not be issued in definitive form.

English Law Certificates that are Italian Dematerialised Certificates will be issued in registered, uncertificated and dematerialised book-entry form into Monte Titoli S.p.A. ("**Monte Titoli**") pursuant to Italian legislative decree no. 58/1998, as amended and implemented and subsequent implementing provisions. Italian Dematerialised Certificates will not be issued in definitive form.

English Law Certificates that are Swiss Materialised Certificates will be represented by a permanent global certificate which will be deposited by the Swiss Security Agent with the Intermediary. Upon the permanent global certificate being deposited with the Intermediary and entered into the accounts of one or more participants of the Intermediary, the Swiss Materialised Certificates will constitute intermediated securities (*Bucheffekten*) in accordance with the provisions of the Swiss Federal Intermediated Securities Act (*Bucheffektengesetz*).

## TERMS AND CONDITIONS OF THE SECURITIES

English Law Certificates that are Swiss Dematerialised Certificates will be issued in uncertificated and dematerialised form and will be entered into the main register (*Hauptregister*) of the Intermediary. Upon being registered in the main register (*Hauptregister*) of the Intermediary and entered into the accounts of one or more participants of the Intermediary, the Swiss Dematerialised Certificates will constitute intermediated securities (*Bucheffekten*) in accordance with the provisions of the Swiss Federal Intermediated Securities Act (*Bucheffektengesetz*). Swiss Dematerialised Certificates will not be issued in definitive form.

English Law Certificates that are Polish Dematerialised Certificates will be issued in registered, uncertificated and dematerialised book-entry form in accordance with the Polish Act on Trading in Financial Instruments and the KDPW Poland Rules. Polish Dematerialised Certificates will not be issued in definitive form.

The terms and conditions of the Swiss Securities will be set forth in the applicable Final Terms.

In the event that the applicable Final Terms specify that Certificates are eligible for sale in the United States ("**U.S. Certificates**") (such eligibility to be pursuant to an exemption from the registration requirements of the Securities Act of 1933, as amended (the "**Securities Act**")), (A) the Certificates sold in the United States to qualified institutional buyers ("**QIBs**") within the meaning of Rule 144A ("**Rule 144A**") under the Securities Act ("**Rule 144A Certificates**") will be represented by one or more Rule 144A global certificates (each, a "**Rule 144A Global Certificate**"), (B) the Certificates sold in the United States to certain institutional accredited investors ("**AIs**") (as defined in Rule 501(a)(1), (2), (3), (7), (8) or (9) of Regulation D under the Securities Act) will be constituted by private placement definitive certificates (the "**Private Placement Definitive Certificates**"), (C) the Certificates sold in the United States by BNPP B.V. to QIBs who are QPs will be represented by a Rule 144A Global Certificate and (D) in any such case, the Certificates sold outside the United States to persons that are not (i) a "U.S. person" as defined in Regulation S; or (ii) a person other than a "Non-United States person" as defined in Rule 4.7 under the Commodity Exchange Act; or (iii) a "U.S. person" as defined in (a) the Interpretive Guidance and Policy Statement Regarding Compliance with Certain Swap Regulations promulgated by the CFTC or (b) the final rule relating to Cross-Border Application of the Registration Thresholds and Certain Requirements Applicable to Swap Dealers and Major Swap Participants promulgated by the CFTC, in each case as amended, modified or supplemented from time to time, pursuant to the Commodity Exchange Act; or (iv) any other "U.S. person" as such term may be defined in Regulation S or in regulations or guidance adopted under the Commodity Exchange Act (each such person, a "**U.S. person**") will be represented by one or more Regulation S global certificates (each, a "**Regulation S Global Certificate**"). References herein to a "**Clearing System Global Certificate**" means, as the context so requires, a Rule 144A Global Certificate, a Regulation S Global Certificate, a CBF Global Certificate or the Permanent Global Certificate, representing the Certificates and Certificates represented by a Clearing System Global Certificate are referred to herein as "**Clearing System Certificates**".

In the event that the Final Terms does not specify that Certificates are eligible for sale in the United States or to U.S. persons, the Certificates offered and sold outside the United States to non-U.S. persons in reliance on Regulation S and pursuant to CFTC regulations and guidance may not be legally or beneficially owned at any time by any U.S. person and will be represented by a Regulation S Global Certificate, a CBF Global Certificate or a Permanent Global Certificate or will be Registered Certificates or CREST Dematerialised Certificates.

In the event that the Certificates are constituted by a Clearing System Global Certificate other than a Rule 144A Global Certificate, the Clearing System Global Certificate will be deposited with (i) a depositary (the "**Common Depositary**") common to Clearstream Banking, société anonyme ("**Clearstream, Luxembourg**") and Euroclear Bank S.A./N.V. ("**Euroclear**") and/or any other relevant Clearing System, (ii) in the case of English Law Certificates held through Euroclear France, with Euroclear France, (iii) in the case of Certificates to be issued and cleared through Monte Titoli, other than Italian Dematerialised Certificates, Monte Titoli or (iv) in the case of Certificates ("**CBF Certificates**") to be issued into and transferred through accounts at Clearstream, Frankfurt, Clearstream, Frankfurt, in each case in accordance with the rules and regulations of the relevant Clearing System(s). If the Clearing System specified in the Final Terms is Iberclear, the term Common Depositary and/or

## TERMS AND CONDITIONS OF THE SECURITIES

Custodian shall be deemed to refer to the foreign custodian (*Entidad Custodia*) or Iberclear Participant (*Entidad Miembro de Iberclear*), as the case may be, appointed in accordance with the rules and regulations of Iberclear. Certificates represented by a Rule 144A Global Certificate will be either (i) deposited with a custodian (a "**Custodian**") for, and registered in the name of a nominee of, The Depository Trust Company ("**DTC**"), or (ii) issued and deposited with the Common Depository on behalf of Clearstream, Luxembourg and Euroclear and/or any other relevant Clearing System.

Registered Certificates will be offered and sold in reliance on Regulation S and pursuant to CFTC regulations and guidance and will be sold to non-U.S. persons outside the United States. Registered Certificates will initially be represented by a global certificate in registered form (a "**Registered Global Certificate**"). The Registered Global Certificate will be deposited with a common depository for, and registered in the name of a common nominee of, Euroclear and Clearstream, Luxembourg and/or any other relevant Clearing System.

Interests in a Registered Global Certificate will be exchangeable (free of charge), in whole but not in part, for definitive Registered Certificates only upon the occurrence of an Exchange Event. For these purposes, "**Exchange Event**" means that the Issuer has been notified that Euroclear and Clearstream, Luxembourg or any other relevant Clearing System, as the case may be, have been closed for business for a continuous period of 14 days (other than by reason of holiday, statutory or otherwise) or have announced an intention permanently to cease business or have in fact done so and, in any such case, no successor clearing system is available. The Issuer will promptly give notice to Holders in accordance with Condition 10 if an Exchange Event occurs. In the event of the occurrence of an Exchange Event, Euroclear and/or Clearstream, Luxembourg or any other relevant Clearing System, as the case may be, (acting on the instructions of any holder of an interest in such Registered Global Certificate) may give notice to the Registrar requesting exchange. Any such exchange shall occur not later than ten days after the date of receipt of the first relevant notice by the Registrar.

Interests in a Rule 144A Global Certificate and a Regulation S Global Certificate may be exchanged for interests in the other Global Certificates and for Private Placement Definitive Certificates and Private Placement Definitive Certificates may be exchanged for an interest in a Rule 144A Global Certificate or Regulation S Global Certificate only as described herein. Interests in a Clearing System Global Certificate or a Private Placement Definitive Certificate may not be exchanged for interests in a Registered Certificate and interests in a Registered Certificate may not be exchanged for interests in a Clearing System Global Certificate or a Private Placement Definitive Certificate.

Each of the Clearing System Global Certificate and the Registered Global Certificate is referred to in these Terms and Conditions as a "**Global Certificate**". The applicable Final Terms (or the relevant provisions thereof) will be attached to such Global Certificate.

In the case of Certificates represented by a Rule 144A Global Certificate held by a Custodian on behalf of DTC, if DTC notifies BNPP that it is unwilling or unable to continue as a depository for that Global Certificate or if at any time DTC ceases to be a "clearing agency" registered under the Exchange Act as amended, and a successor depository is not appointed by BNPP within 90 days of such notice, BNPP will deliver Certificates in definitive registered form (bearing such legends as may be required by BNPP) in exchange for that Rule 144A Global Certificate. Except in these circumstances, owners of beneficial interests in a Rule 144A Global Certificate held by a Custodian on behalf of DTC will not be entitled to have any portion of such Certificates registered in their name and will not receive or be entitled to receive physical delivery of registered Certificates in definitive form in exchange for their interests in that Rule 144A Global Certificate. Transfer, exercise, settlement and other mechanics related to any Certificates issued in definitive form in exchange for Certificates represented by such Rule 144A Global Certificate shall be as agreed between BNPP and the New York Security Agent.

French Law Certificates are issued in dematerialised bearer form (*au porteur*) (such Certificates hereinafter also referred to as "**Clearing System Certificates**"). No physical document of title (including *certificats*



## TERMS AND CONDITIONS OF THE SECURITIES

*représentatifs* pursuant to Article R.211-7 of the French *Code Monétaire et Financier*) will be issued in respect of French Law Certificates.

Unless this possibility is expressly excluded in the applicable Final Terms and to the extent permitted by applicable French law, the Issuer may at any time request from the central depository identification information of Holders of French Law Certificates in dematerialised bearer form (*au porteur*) such as the name or the company name, nationality, date of birth or year of incorporation and mail address or, as the case may be, email address of such Holders.

### 30. TYPE

The applicable Final Terms will indicate whether settlement shall be by way of cash payment ("**Cash Settled Certificates**") or physical delivery ("**Physical Delivery Certificates**"), whether Cash Settled Certificates are redeemable in instalments and whether Averaging ("**Averaging**") will apply to the Certificates. If so specified in the applicable Final Terms, interest shall be payable in respect of the Certificates.

If the Certificates are Swedish Dematerialised Certificates, they will be Cash Settled Certificates.

If the Certificates are Finnish Dematerialised Certificates, they will be Cash Settled Certificates.

If the Certificates are Danish Dematerialised Certificates, they will be Cash Settled Certificates.

If the Certificates are Norwegian Dematerialised Certificates, they will be Cash Settled Certificates.

If the Certificates are Italian Dematerialised Certificates, they will be Cash Settled Certificates and Automatic Exercise will apply.

If the Certificates are Polish Dematerialised Certificates, they will be Cash Settled Certificates.

The applicable Final Terms will indicate if the Certificates are exercisable, if so whether Multiple Exercise applies and the relevant Exercise Date(s).

### 31. TITLE AND TRANSFER OF REGISTERED CERTIFICATES

Subject as provided below, title to the Registered Certificates will pass upon the registration of transfers in accordance with the provisions of the Agency Agreement.

For so long as the Certificates are represented by a Registered Global Certificate held on behalf of Euroclear and/or Clearstream, Luxembourg and/or any other relevant Clearing System, as the case may be, each person (other than Euroclear or Clearstream, Luxembourg and/or any other relevant Clearing System, as the case may be) who is for the time being shown in the records of Euroclear or Clearstream, Luxembourg and/or any other relevant Clearing System, as the case may be, as the holder of a particular amount of such Certificates (in which regard any certificate or other document issued by Euroclear or Clearstream, Luxembourg and/or any other relevant Clearing System, as the case may be, as to the amount of Certificates standing to the account of any person shall be conclusive and binding for all purposes save in the case of manifest error) shall be treated by the Issuer, the Guarantor (if any) and the Security Agents as the holder of such amount of such Certificates for all purposes other than with respect to the payment of principal and/or interest with respect to such Certificates for which purpose the registered holder of the relevant Registered Global Certificate shall be treated by the Issuer, the Guarantor (if any) and the Security Agents as the holder of such amount of such Certificates in accordance with and subject to the terms of the relevant Registered Global Certificate (and the expressions "**Holder**" and "**holder of Certificates**" and related expressions shall be construed accordingly).

Transfers of beneficial interests in Registered Global Certificates will be effected by Euroclear or Clearstream, Luxembourg and/or any other relevant Clearing System, as the case may be, and, in turn, by other participants

## TERMS AND CONDITIONS OF THE SECURITIES

and, if appropriate, indirect participants in such clearing systems acting on behalf of beneficial transferors and transferees of such interests. Title will pass upon registration of the transfer in the books of Euroclear or Clearstream, Luxembourg and/or any other relevant Clearing System, as the case may be.

Upon the terms and subject to the conditions set forth in the Agency Agreement, a Registered Certificate in definitive form may be transferred in whole or in part. In order to effect any such transfer (i) the holder or holders must (a) surrender the Registered Certificate for registration of the transfer of the Registered Certificate (or the relevant part of the Registered Certificate) at the specified office of the Registrar or any Security Agent, with the form of transfer thereon duly executed by the holder or holders thereof or his or their attorney or attorneys duly authorised in writing and (b) complete and deposit such other certifications as may be required by the Registrar or, as the case may be, the relevant Security Agent and (ii) the Registrar or, as the case may be, the relevant Security Agent must, after due and careful enquiry, be satisfied with the documents of title and the identity of the person making the request. Any such transfer will be subject to such reasonable regulations as the Issuer and the Registrar may from time to time prescribe (the initial such regulations being set out in Schedule 14 to the Agency Agreement). Subject as provided above, the Registrar or, as the case may be, the relevant Security Agent will, within three business days (being for this purpose a day on which banks are open for business in the city where the specified office of the Registrar or, as the case may be, the relevant Security Agent is located) of the request (or such longer period as may be required to comply with any applicable fiscal or other laws or regulations), authenticate and deliver, or procure the authentication and delivery of, at its specified office to the transferee or (at the risk of the transferee) send by uninsured mail to such address as the transferee may request, a new Registered Certificate in definitive form of a like amount to the Registered Certificate (or the relevant part of the Registered Certificate) transferred. In the case of the transfer of part only of a Registered Certificate in definitive form, a new Registered Certificate in definitive form in respect of the balance of the Registered Certificate not transferred will be so authenticated and delivered or (at the risk of the transferor) sent to the transferor.

Holders will not be required to bear the costs and expenses of effecting any registration of transfer as provided above, except that the Issuer may require the payment of a sum sufficient to cover any stamp duty, tax or other governmental charge that may be imposed in relation to the registration or exchange in the jurisdiction of the Issuer or in any other jurisdiction where the Registrar's specified office is located.

Registered Certificates and interests therein may not be transferred at any time, directly or indirectly, in the United States or to or for the benefit of a U.S. person, and any such transfer shall not be recognised.

### 32. INTEREST

If so specified in the applicable Final Terms the Certificates will pay interest, such interest to be calculated on the basis of a fixed rate of interest ("**Fixed Rate Certificates**") and/or a floating rate of interest ("**Floating Rate Certificates**") or by reference to the performance of one or more Index, Share, ETI Interest, Debt Instrument, Currency, Commodity, Inflation Index, Fund Share, Future, Underlying Interest Rate or any other underlying security or any combination thereof in the manner specified in the applicable Final Terms (such Certificates, "**Linked Interest Certificates**");

#### (a) Interest on Fixed Rate Certificates

Each Fixed Rate Certificate pays interest calculated from (and including) the Interest Commencement Date at the rate(s) (specified per annum or otherwise) equal to the Rate(s) of Interest. Interest will accrue in respect of each Interest Period (which expressions shall in these Terms and Conditions mean the period from (and including) an Interest Period End Date (or if none the Interest Commencement Date) to (but excluding) the next (or first) Interest Period End Date (each such latter date the "**Interest Period End Final Date**" for the relevant Interest Period)). Interest will be payable in arrear on the Interest Payment Date(s) in each year up to (and including) the Redemption Date. If an Interest

## TERMS AND CONDITIONS OF THE SECURITIES

Payment Date falls after the Interest Period End Final Date in respect of the relevant Interest Period, no additional interest or other amount shall be payable as a result of such interest being payable on such later date. If a Business Day Convention is specified in the applicable Final Terms as applying to an Interest Period End Date or an Interest Payment Date and (i) if there is no numerically corresponding day in the calendar month in which an Interest Period End Date or Interest Payment Date, as the case may be, should occur or (ii) if any Interest Period End Date or Interest Payment Date, as the case may be, would otherwise fall on a day which is not a Business Day, then, if the Business Day Convention specified is:

- (i) the Following Business Day Convention, such Interest Period End Date or Interest Payment Date, as the case may be, shall be postponed to the next day which is a Business Day; or
- (ii) the Modified Following Business Day Convention, such Interest Period End Date or Interest Payment Date, as the case may be, shall be postponed to the next day which is a Business Day unless it would thereby fall into the next calendar month, in which event such Interest Period End Date or Interest Payment Date, as the case may be, shall be brought forward to the immediately preceding Business Day; or
- (iii) the Preceding Business Day Convention, such Interest Period End Date or Interest Payment Date, as the case may be, shall be brought forward to the immediately preceding Business Day.

If no Business Day Convention is specified as applicable to an Interest Period End Date in the applicable Final Terms, the amount of interest payable on each Interest Payment Date in respect of the Interest Period ending on (but excluding) the Interest Period End Final Date in respect of such Interest Period will amount to the Fixed Coupon Amount.

Interest shall be calculated by applying the Rate of Interest to the Notional Amount of each Certificate and, if a Day Count Fraction is specified in the applicable Final Terms, multiplying such sum by the applicable Day Count Fraction. The resultant figure shall be rounded to the nearest sub-unit of the relevant Settlement Currency, half of any such sub-unit being rounded upwards or otherwise in accordance with applicable market convention. If the resulting amount is not an amount in the Settlement Currency it will be converted into the Settlement Currency at the Exchange Rate specified in the applicable Final Terms.

"**sub-unit**" means, with respect to any currency other than euro, the lowest amount of such currency that is available as legal tender in the country of such currency and, with respect to euro, means one cent.

### (b) Interest on Floating Rate Certificates

#### (i) Interest, Interest Periods and Business Day Convention

Each Floating Rate Certificate pays interest (or, if it is a Partly Paid Certificate, in accordance with Condition 32(g)) in respect of each Interest Period (which expression shall in these Terms and Conditions mean the period from (and including) an Interest Period End Date (or if none the Interest Commencement Date) to (but excluding) the next (or first) Interest Period End Date (each such latter date the "**Interest Period End Final Date**" for the relevant Interest Period)).

For the purposes of this Condition 32(b), "**Interest Period End Date**" shall mean either: (A) the Interest Period End Date(s) in each year specified in the applicable Final Terms or (B) if no Interest Period End Date(s) is/are specified in the applicable Final Terms, each date which

## TERMS AND CONDITIONS OF THE SECURITIES

falls the number of months or other period specified as the Specified Period in the applicable Final Terms after the preceding Interest Period End Date or, in the case of the first Interest Period End Date, after the Interest Commencement Date.

Interest will be payable in arrear on the Interest Payment Date(s) in each year up to (and including) the Redemption Date. If an Interest Payment Date falls after an Interest Period End Date in respect of the relevant Interest Period, no additional interest or other amount shall be payable as a result of such interest being payable on such later date.

If a Business Day Convention is specified in the applicable Final Terms as applying to an Interest Period End Date or an Interest Payment Date and (I) if there is no numerically corresponding day in the calendar month in which an Interest Period End Date or Interest Payment Date, as the case may be, should occur or (II) if any Interest Period End Date or Interest Payment Date, as the case may be, would otherwise fall on a day which is not a Business Day, then, if the Business Day Convention specified is:

- (A) in any case where Specified Periods are specified in accordance with Condition (b)(i)(B) below, the Floating Rate Convention, such Interest Period End Date or Interest Payment Date, as the case may be, (i) in the case of (I) above, shall be the last day that is a Business Day in the relevant month and the provisions of (B) below shall apply *mutatis mutandis* or (ii) in the case of (II) above, shall be postponed to the next day which is a Business Day unless it would thereby fall into the next calendar month, in which event (aa) such Interest Period End Date or Interest Payment Date, as the case may be, shall be brought forward to the immediately preceding Business Day and (bb) each subsequent Interest Period End Date or Interest Payment Date, as the case may be, shall be the last Business Day in the month which falls the Specified Period after the preceding applicable Interest Period End Date or Interest Payment Date, as the case may be, occurred; or
- (B) the Following Business Day Convention, such Interest Period End Date or Interest Payment Date, as the case may be, shall be postponed to the next day which is a Business Day; or
- (C) the Modified Following Business Day Convention, such Interest Period End Date or Interest Payment Date, as the case may be, shall be postponed to the next day which is a Business Day unless it would thereby fall into the next calendar month, in which event such Interest Period End Date or Interest Payment Date, as the case may be, shall be brought forward to the immediately preceding Business Day; or
- (D) the Preceding Business Day Convention, such Interest Period End Date or Interest Payment Date, as the case may be, shall be brought forward to the immediately preceding Business Day.

(ii) Linear Interpolation

Where Linear Interpolation is specified as applicable in respect of an Interest Period in the applicable Final Terms, the Rate of Interest for such Interest Period shall be calculated by the Calculation Agent by straight line linear interpolation by reference to two rates based on the relevant Reference Rate (where Screen Rate Determination is specified as applicable in the applicable Final Terms), the FBF Rate (where FBF Determination is specified as applicable in the applicable Final Terms) or the relevant Floating Rate Option (where ISDA Determination is specified as applicable in the applicable Final Terms), one of which shall be determined as if the Designated Maturity were the period of time for which rates are available

## TERMS AND CONDITIONS OF THE SECURITIES

next shorter than the length of the relevant Interest Period and the other of which shall be determined as if the Designated Maturity were the period of time for which rates are available next longer than the length of the relevant Interest Period provided however that if there is no rate available for a period of time next shorter or, as the case may be, next longer, then the Calculation Agent shall determine such rate at such time and by reference to such sources as it determines appropriate.

**"Designated Maturity"** means (i) in relation to Screen Rate Determination, the period of time designated in the Reference Rate or (ii) in relation to FBF Determination, the period of time specified in the relevant FBF Rate.

(iii) Rate of Interest

The Rate of Interest payable from time to time in respect of Floating Rate Certificates will be determined in the manner specified in the applicable Final Terms.

(iv) Determination of Rate of Interest and Calculation of Interest Amount

The Calculation Agent will, on or as soon as practicable after each date on which the Rate of Interest is to be determined (the **"Interest Determination Date"**), determine the Rate of Interest (subject to any Minimum Interest Rate or Maximum Interest Rate specified in the applicable Final Terms) for the relevant Interest Period. The Calculation Agent will notify the Principal Security Agent or (in the case of CREST Dematerialised Certificates) the Euroclear Registrar of the Rate of Interest for the relevant Interest Period as soon as practicable after calculating the same.

The Calculation Agent will calculate the amount of interest (the **"Interest Amount"**) payable on each Certificate for the relevant Interest Period by applying the Rate of Interest to the Notional Amount of such Certificate and multiplying such sum by the Day Count Fraction specified in the applicable Final Terms and rounding the resultant figure to the nearest sub-unit (defined above) of the relevant Settlement Currency, half of any such sub-unit being rounded upwards or otherwise in accordance with applicable market convention. If the resulting amount is not an amount in the Settlement Currency it will be converted into the Settlement Currency at the Exchange Rate specified in the applicable Final Terms.

(c) Interest on Linked Interest Certificates

(i) Interest, Interest Periods and Business Day Convention

Each Linked Interest Certificate pays interest (or, if it is a Partly Paid Certificate, in accordance with Condition 32(g)) in respect of each Interest Period (which expression shall in these Terms and Conditions mean the period from (and including) an Interest Period End Date (or if none the Interest Commencement Date to (but excluding) the next (or first) Interest Period End Date (each such latter date the **"Interest Period End Final Date"** for the relevant Interest Period)).

For the purposes of this Condition 32(c), **"Interest Period End Date"** shall mean either: (A) the Interest Period End Date(s) in each year specified in the applicable Final Terms or (B) if no Interest Period End Date(s) is/are specified in the applicable Final Terms, each date which falls the number of months or other period specified as the Specified Period in the applicable Final Terms after the preceding Interest Period End Date or, in the case of the first Interest Period End Date, after the Interest Commencement Date.

## TERMS AND CONDITIONS OF THE SECURITIES

Interest will be payable in arrear on the Interest Payment Date(s) in each year up to (and including) the Redemption Date. If an Interest Payment Date falls after an Interest Period End Final Date in respect of the relevant Interest Period, no additional interest or other amount shall be payable as a result of such interest being payable on such later date.

If a Business Day Convention is specified in the applicable Final Terms as applying to an Interest Period End Date or an Interest Payment Date and (I) if there is no numerically corresponding day in the calendar month in which an Interest Period End Date or Interest Payment Date, as the case may be, should occur or (II) if any Interest Period End Date or Interest Payment Date, as the case may be, would otherwise fall on a day which is not a Business Day, then, if the Business Day Convention specified is:

- (A) in any case where Specified Periods are specified in accordance with Condition (c)(i)(B) above, the Floating Rate Convention, such Interest Period End Date or Interest Payment Date, as the case may be, (i) in the case of (I) above, shall be the last day that is a Business Day in the relevant month and the provisions of (B) below shall apply mutatis mutandis or (ii) in the case of (II) above, shall be postponed to the next day which is a Business Day unless it would thereby fall into the next calendar month, in which event (aa) such Interest Period End Date or Interest Payment Date, as the case may be, shall be brought forward to the immediately preceding Business Day and (bb) each subsequent Interest Period End Date or Interest Payment Date, as the case may be, shall be the last Business Day in the month which falls the Specified Period after the preceding applicable Interest Period End Date or Interest Payment Date, as the case may be, occurred; or
- (B) the Following Business Day Convention, such Interest Period End Date or Interest Payment Date, as the case may be, shall be postponed to the next day which is a Business Day; or
- (C) the Modified Following Business Day Convention, such Interest Period End Date or Interest Payment Date, as the case may be, shall be postponed to the next day which is a Business Day unless it would thereby fall into the next calendar month, in which event such Interest Period End Date or Interest Payment Date, as the case may be, shall be brought forward to the immediately preceding Business Day; or
- (D) the Preceding Business Day Convention, such Interest Period End Date or Interest Payment Date, as the case may be, shall be brought forward to the immediately preceding Business Day.

(ii) Rate of Interest

The Rate of Interest payable from time to time in respect of Linked Interest Certificates will be the Coupon Rate determined in the manner specified in the applicable Final Terms which Coupon Rate may comprise one or more Additional Coupons determined in the manner specified in the applicable Final Terms.

(iii) Determination of Rate of Interest and Calculation of Interest Amount

The Calculation Agent will, on or as soon as practicable after each date on which the Rate of Interest is to be determined (the "**Interest Determination Date**"), determine the Rate of Interest (subject to any Minimum Interest Rate or Maximum Interest Rate specified in the applicable Final Terms) for the relevant Interest Period. The Calculation Agent will notify the Principal Security Agent or (in the case of CREST Dematerialised Certificates) the Euroclear

## TERMS AND CONDITIONS OF THE SECURITIES

Registrar of the Rate of Interest for the relevant Interest Period as soon as practicable after calculating the same.

The Calculation Agent will calculate the amount of interest (the "**Interest Amount**") payable on each Certificate for the relevant Interest Period by applying the Rate of Interest to the Notional Amount of such Certificate and multiplying such sum by the Day Count Fraction specified in the applicable Final Terms and rounding the resultant figure to the nearest sub-unit (defined above) of the relevant Settlement Currency, half of any such sub-unit being rounded upwards or otherwise in accordance with applicable market convention. If the resulting amount is not an amount in the Settlement Currency it will be converted into the Settlement Currency at the Exchange Rate specified in the applicable Final Terms.

(d) ISDA, FBF and Screen Rate Determination

(i) ISDA Determination

Where ISDA Determination is specified in the applicable Final Terms as the manner in which a Rate of Interest or Rate is to be determined, such Rate of Interest or Rate, as the case may be, for each Interest Period will be the relevant ISDA Rate plus or minus (as indicated in the applicable Final Terms) the Margin (if any). For the purposes of this subparagraph (i), "ISDA Rate" for an Interest Period means a rate equal to the Floating Rate that would be determined by the Calculation Agent under an interest rate swap transaction if the Calculation Agent were acting as Calculation Agent (as defined in the ISDA Definitions (as defined below)) for that swap transaction under the terms of an agreement incorporating the 2006 ISDA Definitions as published by the International Swaps and Derivatives Association Inc. and as amended and updated as at the Issue Date of the Certificates (the "**ISDA Definitions**") and under which:

- (A) the Floating Rate Option is as specified in the applicable Final Terms;
- (B) the Designated Maturity is a period specified in the applicable Final Terms; and
- (C) the relevant Reset Date is either (I) if the applicable Floating Rate Option is based on the Euro-zone inter-bank offered rate ("**EURIBOR**") (or, in the event that EURIBOR has been discontinued, such other successor benchmark rate as the financial industry shall have accepted as a successor or substitute rate for EURIBOR), the first day of that Interest Period or (II) in any other case, as specified in the applicable Final Terms.

For the purposes of this subparagraph (i), "**Floating Rate**", "**Floating Rate Option**", "**Designated Maturity**" and "**Reset Date**" have the meanings given to those terms in the ISDA Definitions.

Unless otherwise stated in the applicable Final Terms as greater than zero, the Minimum Rate of Interest shall be deemed to be zero.

(ii) FBF Determination

Where so specified in the applicable Final Terms, interest will be payable on such dates, at such a rate (the "**FBF Rate**") and in such amounts, plus or minus (as indicated in the applicable Final Terms) the Margin (if any), as would have been payable (regardless of any event of default or termination event thereunder) by the Issuer if it had entered into an interest rate swap transaction governed by an agreement in the form of the Master Agreement relating to transactions on forward financial instruments (an "**FBF Agreement**"), as in effect on the date

## TERMS AND CONDITIONS OF THE SECURITIES

of issue of the Certificates, published by the *Fédération Bancaire Française* and evidenced by a Confirmation (as defined in the FBF Agreement) with the holder of the relevant Certificate under which:

- (A) the Issuer was the Floating Amount Payer;
- (B) the Principal Security Agent (as defined herein) was the Agent (as defined in the FBF Agreement) or as otherwise specified in the applicable Final Terms;
- (C) the Interest Commencement Date was the Transaction Date;
- (D) the Notional Amount in respect of a Certificate was the Notional Amount;
- (E) the Interest Payment Dates were the Floating Amount Payment Dates; and
- (F) all other terms were as specified in the applicable Final Terms.

When the preceding sentence applies, in respect of each relevant Interest Payment Date:

- I. the amount of interest determined for such Interest Payment Date will be the Interest Amount for the relevant Interest Period for the purposes of these Terms and Conditions as though determined under subparagraphs 32(b)(iv) or 32(c)(iii) above, as applicable;
- II. the Rate of Interest for such Interest Period will be the Floating Rate (as defined in the FBF Agreement) determined by the Calculation Agent in accordance with the preceding sentence; and
- III. the Calculation Agent will be deemed to have discharged its obligations under subparagraphs 32(b)(iv) and 32(c)(iii) above, if applicable, if it has determined the Rate of Interest and the Interest Amount payable on such Interest Payment Date in the manner provided in the preceding sentence.

### (iii) Screen Rate Determination

#### (A) EURIBOR or STIBOR

- I. Where "Screen Rate Determination – IBOR" is specified in the applicable Final Terms as the manner in which a Rate of Interest or Rate is to be determined, such Rate of Interest or Rate, as the case may be, for each Interest Period will, subject as provided below, be either:

- (1) the offered quotation; or
- (2) the arithmetic mean (rounded if necessary to the fifth decimal place, with 0.000005 being rounded upwards) of the offered quotations,

(expressed as a percentage rate per annum) for the Reference Rate(s) which appears or appear, as the case may be, on the Relevant Screen Page (or such replacement page on that service which displays the information) as at the Specified Time indicated in the applicable Final Terms (which will be 11.00 a.m., Brussels time, in the case of EURIBOR, or Stockholm time, in the case of STIBOR) (the "**Screen Page Reference Rate**") on the relevant Interest Determination Date plus or minus (as indicated in the applicable Final



## TERMS AND CONDITIONS OF THE SECURITIES

Terms) the Margin (if any), all as determined by the Calculation Agent. If five or more of such offered quotations are available on the Relevant Screen Page, the highest (or, if there is more than one such highest quotation, one only of such quotations) and the lowest (or, if there is more than one such lowest quotation, one only of such quotations) shall be disregarded by the Calculation Agent for the purpose of determining the arithmetic mean (rounded as provided above) of such offered quotations.

If the Relevant Screen Page is not available or if, in the case of subparagraph I.(1), no offered quotation appears on the Relevant Screen Page (or such replacement page on that service which displays the information) or, in the case of subparagraph I.(2), fewer than three offered quotations appear on the Relevant Screen Page (or such replacement page on that service which displays the information), in each case as at the Specified Time, except as provided in paragraph III. below, the Calculation Agent shall request each of the Reference Banks to provide the Calculation Agent with its offered quotation (expressed as a percentage rate per annum) for the Reference Rate at the Specified Time on the Interest Determination Date in question. If two or more of the Reference Banks provide the Calculation Agent with offered quotations, the Rate of Interest or Rate, as the case may be, for the Interest Period shall be the arithmetic mean (rounded if necessary to the nearest 0.001 with 0.0005 being rounded upwards) of the relevant quotations, eliminating the highest quotation (or in the event that two or more quotations are identical, one of the highest) and the lowest (or in the event that two or more quotations are identical, one of the lowest), plus or minus (as applicable) the Margin (if any), all as determined by the Calculation Agent.

If on any Interest Determination Date one only or none of the Reference Banks provides the Calculation Agent with an offered quotation as provided in the preceding paragraph, the Rate of Interest or Rate, as the case may be, for the relevant Interest Period shall be the rate per annum which the Calculation Agent determines as being the arithmetic mean (rounded if necessary to the nearest 0.001, with 0.0005 being rounded upwards) of the rates per annum, as communicated to the Calculation Agent by the Reference Banks or any two or more of them, at which such banks were offered, at the Specified Time on the relevant Interest Determination Date, deposits in the Settlement Currency for a period equal to that which would have been used for the Reference Rate by leading banks in the inter-bank market, plus or minus (as applicable) the Margin (if any).

If fewer than two of the Reference Banks provide the Calculation Agent with offered rates, the Rate of Interest or Rate, as the case may be, for the relevant Interest Period shall be the offered rate for deposits in the Settlement Currency for a period equal to that which would have been used for the Reference Rate, or the arithmetic mean (rounded as provided above) of the offered rates for deposits in the Settlement Currency for a period equal to that which would have been used for the Reference Rate, at which, at the Specified Time on the relevant Interest Determination Date, any one or more banks (which bank or banks is or are in the opinion of the Calculation Agent suitable for the purpose) informs the Calculation Agent it is quoting to leading banks in the inter-bank market applicable to the Reference Rate

## TERMS AND CONDITIONS OF THE SECURITIES

(which will be the Euro-zone inter-bank market, if the Reference Rate is EURIBOR or the Stockholm inter-bank market, if the Reference Rate is STIBOR), plus or minus (as applicable) the Margin (if any), as determined by the Calculation Agent.

- II. If the Rate of Interest or Rate, as the case may be, cannot be determined in accordance with the provisions of paragraph I., the Rate of Interest or Rate, as the case may be, shall be equal to the last Reference Rate available on the Relevant Screen Page, plus or minus (as appropriate) the Margin (if any), as determined by the Calculation Agent, except that if the Calculation Agent determines that the absence of the quotation is due to the discontinuation of the Screen Page Reference Rate or the occurrence of a Reference Rate Fallback Event, then the Reference Rate will be determined in accordance with paragraph III. below.
- III. If the Calculation Agent determines at any time prior to any Interest Determination Date, that the Screen Page Reference Rate has been discontinued or a Reference Rate Fallback Event has occurred, the Calculation Agent will use, as a substitute for the Screen Page Reference Rate, an alternative reference rate determined by the Calculation Agent to be the alternative reference rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the Settlement Currency (each a "**Relevant Nominating Body**") that is consistent with industry accepted standards, provided that, if two or more alternative reference rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those alternative reference rates is most appropriate to preserve the economic features of the relevant Securities. If the Calculation Agent notifies the Issuer that it is unable to determine such an alternative reference rate, the Calculation Agent will as soon as reasonably practicable (and in any event before the Business Day prior to the applicable Interest Determination Date) appoint an agent (the "**Reference Rate Determination Agent**"), which will determine whether a substitute or successor rate, which is substantially comparable to the Screen Page Reference Rate, is available for the purpose of determining the Reference Rate on each Interest Determination Date falling on or after the date of such determination. If the Reference Rate Determination Agent determines that there is an industry accepted successor rate, the Reference Rate Determination Agent will notify the Issuer of such successor rate to be used by the Calculation Agent to determine the Rate of Interest.

If the Reference Rate Determination Agent or the Calculation Agent, as applicable, has determined a substitute or successor rate in accordance with the foregoing paragraph (such rate, the "**Replacement Reference Rate**"), for the purpose of determining the Reference Rate on each Interest Determination Date falling on or after such determination:

- (i) the Reference Rate Determination Agent or the Calculation Agent, as applicable, will also determine the changes (if any) required to the applicable Business Day Convention, the definition of Business

## TERMS AND CONDITIONS OF THE SECURITIES

Day, the Interest Determination Date, the Day Count Fraction, and any method for obtaining the Replacement Reference Rate, including any adjustment needed to make such Replacement Reference Rate comparable to the Screen Page Reference Rate, including, where applicable, and if Unwind Costs is specified as applicable in the applicable Final Terms, to reflect any increased costs of the Issuer providing such exposure to the Replacement Reference Rate, in each case acting in good faith and in a commercially reasonable manner that is consistent with industry-accepted practices for such Replacement Reference Rate;

- (ii) references to the Reference Rate in these Conditions will be deemed to be references to the relevant Replacement Reference Rate, including any alternative method for determining such rate as described in (i) above;
- (iii) the Reference Rate Determination Agent or the Calculation Agent, as applicable, will notify the Issuer of the Replacement Reference Rate, and the details described in (i) above, as soon as reasonably practicable; and
- (iv) the Issuer will give notice to the Holders in accordance with Condition 10, the Principal Security Agent and the Calculation Agent of the Replacement Reference Rate, and the details described in (i) above as soon as reasonably practicable but in any event no later than 5:00 p.m. (London time) on the Business Day prior to the applicable Interest Determination Date.

The determination of the Replacement Reference Rate and the other matters referred to above by the Reference Rate Determination Agent or the Calculation Agent, as applicable, will (in the absence of manifest error) be final and binding on the Issuer, the Calculation Agent, the Principal Security Agent and the Holders, unless the Issuer, the Calculation Agent or the Reference Rate Determination Agent determines at a later date that the Replacement Reference Rate is no longer substantially comparable to the Reference Rate or does not constitute an industry accepted successor rate, in which case the Calculation Agent shall appoint or re-appoint a Reference Rate Determination Agent, as the case may be (which may or may not be the same entity as the original Reference Rate Determination Agent or the Calculation Agent) for the purpose of confirming the Replacement Reference Rate or determining a substitute Replacement Reference Rate in an identical manner as described in this paragraph III. If the replacement Reference Rate Determination Agent or the Calculation Agent, as applicable, is unable to or otherwise does not determine a substitute Replacement Reference Rate, then the Replacement Reference Rate will remain unchanged.

The Reference Rate Determination Agent may be (x) a leading bank, broker-dealer or benchmark agent in the principal financial centre of the Settlement Currency as appointed by the Calculation Agent, (y) the Issuer or the Guarantor (if applicable) or (z) an affiliate of the Issuer, the Guarantor (if applicable) or the Calculation Agent.

## TERMS AND CONDITIONS OF THE SECURITIES

If the relevant Reference Rate Fallback Event may also constitute an Administrator/Benchmark Event in the determination of the Calculation Agent pursuant to Condition 15.1, the provisions of this Condition 32(d)(iii)(A)III. will apply.

Notwithstanding anything to the contrary in the provisions of (and all provisions referred to in) this Condition 32(d)(iii)(A)III, the Issuer, the Calculation Agent or Reference Rate Determination Agent (as applicable) may make all determinations and/or adjustments and take all actions in respect of the Securities as are provided for in connection with a Reference Rate Fallback Event or Administrator/Benchmark Event, as applicable, notwithstanding that such Reference Rate Fallback Event or Administrator/Benchmark Event, as applicable, may have occurred before the Issue Date of the Securities.

### (B) SONIA

Where "Screen Rate Determination – SONIA" is specified in the applicable Final Terms as the manner in which a Rate of Interest or Rate is to be determined, such Rate of Interest or Rate, as the case may be, for each Interest Period will be calculated in accordance with Condition 32(d)(iii)(B)I. or 32(d)(iii)(B)II. below, subject to the provisions of Condition 32(d)(iii)(B)IV.

- I. Where the Calculation Method is specified in the applicable Final Terms as being "Compounded Daily", the Rate of Interest or Rate, as the case may be, for each Interest Period will be the Compounded Daily SONIA plus or minus (as indicated in the applicable Final Terms) the Margin (if any), all as determined by the Calculation Agent.
- II. Where the Calculation Method is specified in the applicable Final Terms as being "Weighted Average", the Rate of Interest or Rate, as the case may be, for each Interest Period will be the Weighted Average SONIA plus or minus (as indicated in the applicable Final Terms) the Margin (if any), all as determined by the Calculation Agent on the Interest Determination Date and the resulting percentage being rounded (if necessary) to the fifth decimal place, with 0.000005 being rounded upwards.
- III. The following definitions shall apply for the purpose of this Condition 32(d)(iii)(B):

**"Compounded Daily SONIA"** means, with respect to an Interest Period, the rate of return of a daily compound interest investment in Sterling (with the daily Sterling overnight reference rate as the reference rate for the calculation of interest) calculated by the Calculation Agent on the relevant Interest Determination Date in accordance with the following formula:

- (x) if "Lag" or "Lock-out" is specified as the Observation Method in the applicable Final Terms:

$$\left[ \prod_{i=1}^{d_0} \left( 1 + \frac{\text{SONIA}_{i-\text{PLBD} \times n_i}}{365} \right) - 1 \right] \times \frac{365}{d};$$

- (y) if "Shift" is specified as the Observation Method in the applicable Final Terms:

## TERMS AND CONDITIONS OF THE SECURITIES

$$[\prod_{i=1}^{d_0} (1 + \frac{SONIA_i \times n_i}{365}) - 1] \times \frac{365}{d}; \text{ or}$$

- (z) if "SONIA Index with Observation Shift" is specified as the Observation Method in the applicable Final Terms:

$$\left( \frac{SONIA Index_{Final}}{SONIA Index_{Initial}} - 1 \right) \times \frac{365}{d},$$

where, in each case, the resulting percentage will be rounded (if necessary) to the fifth decimal place, with 0.000005 being rounded upwards;

"**d**" means the number of calendar days (x) if "Lag" or "Lock-out" is specified as the Observation Method in the applicable Final Terms, in the relevant Interest Period, (y) if "Shift" is specified as the Observation Method in the applicable Final Terms, in the relevant Observation Lookback Period or (z) if "SONIA Index with Observation Shift" is specified in the applicable Final Terms, from (and including) the day in relation to which SONIA Index<sub>Initial</sub> is determined to (but excluding) the day in relation to which SONIA Index<sub>Final</sub> is determined;

"**d<sub>0</sub>**" means, (x) if "Lag" or "Lock-out" is specified as the Observation Method in the applicable Final Terms, in respect of an Interest Period, the number of London Business Days in such Interest Period or (y) if "Shift" is specified as the Observation Method in the applicable Final Terms, in respect of an Observation Lookback Period, the number of London Business Days such Observation Lookback Period;

"**i**" means a series of whole numbers from one to d<sub>0</sub>, each representing the relevant London Business Days in chronological order from (and including) the first London Business Day (x) if "Lag" or "Lock-out" is specified as the Observation Method in the applicable Final Terms, in the relevant Interest Period or (y) if "Shift" is specified as the Observation Method in the applicable Final Terms, in the relevant Observation Lookback Period;

"**Lock-out Period**" means, in respect of an Interest Period, the period from (and including) the day following the Interest Determination Date to (but excluding) the Interest Period End Date falling at the end of such Interest Period;

"**London Business Day**" means a day on which commercial banks and foreign exchange markets settle payments and are open for general business (including dealing in foreign exchange and foreign currency deposits) in London;

"**Lookback Period**" or "**p**" means, in respect of an Interest Period where "Lag" or "Shift" is specified as the Observation Method in the applicable Final Terms, the number of London Business Days specified in the applicable Final Terms (or, if no such number is specified, five London Business Days);

"**n<sub>i</sub>**" means, in respect of a London Business Day i, the number of calendar days from (and including) such London Business Day i up to (but excluding) the following London Business Day;

## TERMS AND CONDITIONS OF THE SECURITIES

**"Observation Lookback Period"** means, in respect of an Interest Period, the period from (and including) the date falling p London Business Days prior to the first day of the relevant Interest Period and ending on (but excluding) the date which is p London Business Days prior to the Interest Period End Date falling at the end of such Interest Period;

**"Reference Day"** means each London Business Day in the relevant Interest Period that is not a London Business Day falling in the Lock-out Period;

**"SONIA i"** means, in respect of a London Business Day i:

- (i) if "Lag" is specified as the Observation Method in the applicable Final Terms, the SONIA Rate in respect of such London Business Day i;
- (ii) if "Lock-out" is specified as the Observation Method in the applicable Final Terms:
  - (x) in respect of any London Business Day i that is a Reference Day, the SONIA Rate in respect of the London Business Day immediately preceding such Reference Day; otherwise
  - (y) the SONIA Rate in respect of the London Business Day immediately preceding the Interest Determination Date for the relevant Interest Period; or
- (iii) if "Shift" is specified as the Observation Method in the applicable Final Terms, the SONIA Rate for such London Business Day i;

**"SONIA Index"** means the Compounded Daily SONIA determined by the Calculation Agent on the Interest Determination Date by reference to the screen rate or index for compounded daily SONIA rates administered by the administrator of the SONIA reference rate that is published or displayed by such administrator or other information service from time to time on the relevant Interest Determination Date, as specified in the applicable Final Terms;

**"SONIA Index<sub>Final</sub>"** means, with respect to an Interest Period, the SONIA Index determined in relation to the day falling p London Business Days prior to the Interest Period End Date falling at the end of such Interest Period;

**"SONIA Index<sub>Initial</sub>"** means, with respect to an Interest Period, the SONIA Index determined in relation to the day falling p London Business Days prior to the first day of such Interest Period;

**"SONIA<sub>i-pLBD</sub>"** means:

- (i) if "Lag" is specified as the Observation Method in the applicable Final Terms, in respect of a London Business Day i, SONIA i in respect of the London Business Day falling p London Business Days prior to such London Business Day i; or

## TERMS AND CONDITIONS OF THE SECURITIES

- (ii) if "Lock-out" is specified as the Observation Method in the applicable Final Terms, in respect of a London Business Day i, SONIA i in respect of such London Business Day i;

"**SONIA Rate**" means, in respect of any London Business Day, a reference rate equal to the daily Sterling Overnight Index Average rate for such London Business Day, as provided by the administrator of SONIA to authorised distributors and as then published on the Relevant Screen Page (or, if the Relevant Screen Page is unavailable, as otherwise published by such authorised distributors) on the London Business Day immediately following such London Business Day; and

"**Weighted Average SONIA**" means:

- (i) where "Lag" is specified as the Observation Method in the applicable Final Terms, the sum of the SONIA Rate in respect of each calendar day during the relevant Observation Lookback Period divided by the number of calendar days during such Observation Lookback Period. For these purposes, the SONIA Rate in respect of any calendar day which is not a London Business Day shall be deemed to be the SONIA Rate in respect of the London Business Day immediately preceding such calendar day; or
- (ii) where "Lock-out" is specified as the Observation Method in the applicable Final Terms, the sum of the SONIA Rate in respect of each calendar day during the relevant Interest Period divided by the number of calendar days in the relevant Interest Period, provided that, for any calendar day of such Interest Period falling in the Lock-out Period for the relevant Interest Period, the SONIA Rate for such calendar day will be deemed to be the SONIA Rate in respect of the London Business Day immediately preceding the first day of such Lock-out Period. For these purposes, the SONIA Rate in respect of any calendar day which is not a London Business Day shall, subject to the preceding proviso, be deemed to be the SONIA Rate in respect of the London Business Day immediately preceding such calendar day.

### IV. SONIA Fallbacks

- (x) *If "Lag", "Lock-out" or "Shift" is specified as the Observation Method in the applicable Final Terms*

If, in respect of any London Business Day, the SONIA Rate is not available on the Relevant Screen Page (and has not otherwise been published by the relevant authorised distributors), such SONIA Rate shall be:

- (i) (x) the Bank of England's Bank Rate (the "**Bank Rate**") prevailing at the close of business on the relevant London Business Day; plus (y) the arithmetic mean of the spread of SONIA to the Bank Rate over the previous five days on which SONIA has been published, excluding the

## TERMS AND CONDITIONS OF THE SECURITIES

highest spread (or, if there is more than one highest spread, one only of those highest spreads) and lowest spread (or, if there is more than one lowest spread, one only of those lowest spreads); or

- (ii) if such Bank Rate is not available, the SONIA Rate published on the Relevant Screen Page (or otherwise published by the relevant authorised distributors) for the immediately preceding London Business Day on which the SONIA Rate was published on the Relevant Screen Page (or otherwise published by the relevant authorised distributors), and

such rate shall be deemed to be the SONIA Rate for such London Business Day.

Notwithstanding the foregoing, in the event of the Bank of England publishing guidance as to (i) how the SONIA Rate is to be determined or (ii) any rate that is to replace the SONIA Rate, the Calculation Agent shall follow such guidance to determine the SONIA Rate for so long as the SONIA Rate is not available or has not been published by the authorised distributors.

In the event that the Rate of Interest or Rate, as applicable, cannot be determined in accordance with the foregoing provisions in respect of an Interest Period, the Rate of Interest or Rate, as applicable, shall be (i) that determined as at the immediately preceding Interest Determination Date (though substituting, where a different Margin, Maximum Rate of Interest and/or Minimum Rate of Interest is to be applied to the relevant Interest Period from that which applied to the immediately preceding Interest Period, the Margin, Maximum Rate of Interest and/or Minimum Rate of Interest relating to the relevant Interest Period, in place of the Margin, Maximum Rate of Interest and/or Minimum Rate of Interest relating to the immediately preceding Interest Period); or (ii) if there is no such preceding Interest Determination Date, the initial Rate of Interest or Rate, as applicable, which would have been applicable to such Series of Securities for the first Interest Period had the Securities been in issue for a period equal in duration to the scheduled first Interest Period but ending on (and excluding) the Interest Commencement Date (subject to the application of the relevant Margin or Maximum Rate of Interest or Minimum Rate of Interest in respect of such Interest Period).

- (y) *If "SONIA Index with Observation Shift" is specified as the Observation Method in the applicable Final Terms*

If the relevant SONIA Index is not published or displayed by the administrator of the SONIA reference rate or other information service by 5.00 p.m. (London time) (or, if later, by the time falling one hour after the customary or scheduled time for publication thereof in accordance with the then-prevailing operational



## TERMS AND CONDITIONS OF THE SECURITIES

procedures of the administrator of the SONIA reference rate or of such other information service, as the case may be) on the relevant Interest Determination Date, the Compounded Daily SONIA for the applicable Interest Period for which the SONIA Index is not available shall be "Compounded Daily SONIA" determined in accordance with Condition 32(d)(iii)(B)I. where (i) the "Observation Method" will be deemed to be "Shift" and (ii) the "Observation Lookback Period" will be deemed to be equal to p London Banking Days, as if those alternative elections had been made in the applicable Final Terms.

### (C) SOFR

Where "Screen Rate Determination – SOFR" is specified in the applicable Final Terms as the manner in which a Rate of Interest or Rate is to be determined, such Rate of Interest or Rate, as the case may be, for each Interest Period will be calculated in accordance with Condition 32(d)(iii)(C)I. or 32(d)(iii)(C)II. below, subject to the provisions of Condition 32(d)(iii)(C)IV.

- I. Where the Calculation Method is specified in the applicable Final Terms as being "SOFR Arithmetic Mean", the Rate of Interest or Rate, as the case may be, for each Interest Period will be the SOFR Arithmetic Mean plus or minus (as indicated in the applicable Final Terms) the Margin (if any), all as determined by the Calculation Agent on the relevant Interest Determination Date and the resulting percentage being rounded (if necessary) to the fifth decimal place, with 0.000005 being rounded upwards.
- II. Where the Calculation Method is specified in the applicable Final Terms as being "SOFR Compound", the Rate of Interest or Rate, as the case may be, for each Interest Period will be the Compounded Daily SOFR on the relevant Interest Determination Date plus or minus (as indicated in the applicable Final Terms) the Margin (if any), all as determined by the Calculation Agent.
- III. The following definitions shall apply for the purpose of this Condition 32(d)(iii)(C):

**"Bloomberg Screen SOFRRATE Page"** means the Bloomberg screen designated "SOFRRATE" or any successor page or service;

**"Compounded Daily SOFR"** means, with respect to an Interest Period, an amount equal to the rate of return for each calendar day during the Interest Period, compounded daily, calculated by the Calculation Agent on the Interest Determination Date in accordance with the following formula:

- (a) if "SOFR Compound with Lookback" is specified in the applicable Final Terms:

$$\left[ \prod_{i=1}^{d_0} \left( 1 + \frac{\text{SOFR}_{i-\text{pUSBD}} \times n_i}{360} \right) - 1 \right] \times \frac{360}{d}$$

with the resulting percentage being rounded, if necessary, to the fifth decimal place, with 0.000005 being rounded upwards.

## TERMS AND CONDITIONS OF THE SECURITIES

Where:

"**d**" means, in respect of an Interest Period, the number of calendar days in such Interest Period;

"**d<sub>0</sub>**" means, in respect of an Interest Period, the number of U.S. Government Securities Business Days in such Interest Period;

"**i**" means, in respect of an Interest Period, a series of whole numbers from one to  $d_0$ , each representing the relevant U.S. Government Securities Business Days in chronological order from (and including) the first U.S. Government Securities Business Day in such Interest Period;

"**Lookback Period**" or "**p**" means the number of U.S. Government Securities Business Days specified as such in the applicable Final Terms or, if no such number is specified, 5 U.S. Government Securities Business Days;

"**n<sub>i</sub>**" means, in respect of a U.S. Government Securities Business Day<sub>i</sub>, means the number of calendar days from (and including) such U.S. Government Securities Business Day<sub>i</sub> up to (but excluding) the following U.S. Government Securities Business Day; and

"**SOFR<sub>i-pUSBD</sub>**" means, in respect of a U.S. Government Securities Business Day<sub>i</sub>, SOFR<sub>i</sub> in respect of the U.S. Government Securities Business Day falling the number of U.S. Government Securities Business Days equal to the Lookback Period prior to such U.S. Government Securities Business Day<sub>i</sub> ("**pUSBD**"), provided that, unless SOFR Cut-Off Date is specified as not applicable in the applicable Final Terms, SOFR<sub>i</sub> in respect of each U.S. Government Securities Business Day<sub>i</sub> in the period from (and including) the SOFR Cut-Off Date to (but excluding) the next occurring Interest Period End Date, will be SOFR<sub>i</sub> in respect of the SOFR Cut-Off Date for such Interest Period;

- (b) if "SOFR Compound with Observation Period Shift" is specified in the applicable Final Terms:

$$\left[ \prod_{i=1}^{d_0} \left( 1 + \frac{\text{SOFR}_i \times n_i}{360} \right) - 1 \right] \times \frac{360}{d}$$

with the resulting percentage being rounded, if necessary, to the fifth decimal place, with 0.000005 being rounded upwards.

Where:

"**d**" means, in respect of an Observation Period, the number of calendar days in such Observation Period;

"**d<sub>0</sub>**" means, in respect of an Observation Period, the number of U.S. Government Securities Business Days in such Observation Period;

## TERMS AND CONDITIONS OF THE SECURITIES

"**i**" means, in respect of an Observation Period, a series of whole numbers from one to  $d_0$ , each representing the relevant U.S. Government Securities Business Days in chronological order from (and including) the first U.S. Government Securities Business Day in such Observation Period;

"**n<sub>i</sub>**" means, in respect of a U.S. Government Securities Business Day<sub>i</sub>, the number of calendar days from (and including) such U.S. Government Securities Business Day<sub>i</sub> up to (but excluding) the following U.S. Government Securities Business Day;

"**Observation Period**" means, in respect of an Interest Period, the period from (and including) the date falling the number of Observation Shift Days prior to the first day of such Interest Period and ending on (but excluding) the date that is the number Observation Shift Days prior to the next occurring Interest Period End Date in such Interest Period;

"**Observation Shift Days**" means the number of U.S. Government Securities Business Days specified in the applicable Final Terms or, if no such number is specified, 5 U.S. Government Securities Business Days; and

"**SOFR<sub>i</sub>**" means, in respect of each U.S. Government Securities Business Day<sub>i</sub>, the SOFR in respect of such U.S. Government Securities Business Day<sub>i</sub>;

- (c) if "SOFR Index with Observation Shift" is specified in the applicable Final Terms:

$$\left( \frac{\text{SOFR Index}_{\text{Final}}}{\text{SOFR Index}_{\text{Initial}}} - 1 \right) \times \frac{360}{d_c}$$

Where:

"**d<sub>c</sub>**" means, in respect of an Interest Period, the number of calendar days in such Interest Period;

"**Observation Shift Days**" means the number of U.S. Government Securities Business Days specified as such in the applicable Final Terms or, if no such number is specified, two U.S. Government Securities Business Days;

"**SOFR Index**" means with respect to any U.S. Government Securities Business Day, (i) the SOFR Index value as published by the NY Federal Reserve as such index appears on the NY Federal Reserve's Website at the SOFR Determination Time; or (ii) if the SOFR Index specified in (i) above does not so appear, unless both a SOFR Transition Event and its related Benchmark Replacement Date have occurred, the SOFR Index as published in respect of the first preceding U.S. Government Securities Business Day for which the SOFR Index was published on the NY Federal Reserve's Website;

## TERMS AND CONDITIONS OF THE SECURITIES

**"SOFR Index<sub>Final</sub>"** means, in respect of an Interest Period, the value of the SOFR Index on the date falling the number of U.S. Government Securities Business Days equal to the Observation Shift Days prior to the next occurring Interest Period End Date in such Interest Period; and

**"SOFR Index<sub>Initial</sub>"** means, in respect of an Interest Period, the value of the SOFR Index on the date falling the number of U.S. Government Securities Business Days equal to the Observation Shift Days prior to the first day of such Interest Period (or, in the case of the first Interest Period, the Interest Commencement Date);

**"NY Federal Reserve"** means the Federal Reserve Bank of New York;

**"NY Federal Reserve's Website"** means the website of the NY Federal Reserve, currently at [www.newyorkfed.org](http://www.newyorkfed.org), or any successor website of the NY Federal Reserve or the website of any successor administrator of SOFR;

**"Reuters Page USDSOFR="** means the Reuters page designated "USDSOFR=" or any successor page or service;

**"SOFR"** means the rate determined by the Calculation Agent in respect of a U.S. Government Securities Business Day, in accordance with the following provisions:

- (a) the Secured Overnight Financing Rate in respect of such U.S. Government Securities Business Day that appears at approximately 3:00 p.m. (New York City time) (the **"SOFR Determination Time"**) on the NY Federal Reserve's Website on such U.S. Government Securities Business Day, as such rate is reported on the Bloomberg Screen SOFRRATE Page for such U.S. Government Securities Business Day or, if no such rate is reported on the Bloomberg Screen SOFRRATE Page, then the Secured Overnight Financing Rate that is reported on the Reuters Page USDSOFR= or, if no such rate is reported on the Reuters Page USDSOFR=, then the Secured Overnight Financing Rate that appears at approximately 3:00 p.m. (New York City time) on the NY Federal Reserve's Website on such U.S. Government Securities Business Day (the **"SOFR Screen Page"**); or
- (b) if the rate specified in (a) above does not so appear and the Calculation Agent determines that a SOFR Transition Event has not occurred, the Secured Overnight Financing Rate published on the NY Federal Reserve's Website for the first preceding U.S. Government Securities Business Day for which the Secured Overnight Financing Rate was published on the NY Federal Reserve's Website;

**"SOFR Arithmetic Mean"** means, with respect to an Interest Period, the arithmetic mean of the SOFR for each calendar day during such Interest Period, as calculated by the Calculation Agent, provided that, the SOFR in respect of each calendar day during the period from (and including) the SOFR Cut-Off Date to (but excluding) the next occurring Interest Period

## TERMS AND CONDITIONS OF THE SECURITIES

End Date will be the SOFR on the SOFR Cut-Off Date. For these purposes, the SOFR in respect of any calendar day which is not a U.S. Government Securities Business Day shall, subject to the preceding proviso, be deemed to be the SOFR in respect of the U.S. Government Securities Business Day immediately preceding such calendar day;

**"SOFR Cut-Off Date"** means, unless specified as not applicable in the applicable Final Terms, in respect of an Interest Period, the fourth U.S. Government Securities Business Day prior to the next occurring Interest Period End Date in such Interest Period (or such other number of U.S. Government Securities Business Days specified in the applicable Final Terms); and

**"U.S. Government Securities Business Day"** means any day except for a Saturday, Sunday or a day on which the Securities Industry and Financial Markets Association ("**SIFMA**") recommends that the fixed income departments of its members be closed for the entire day for purposes of trading in U.S. government securities.

Notwithstanding paragraphs I. to III. above, if the Calculation Agent determines on or prior to the SOFR Determination Time, that a SOFR Transition Event and its related SOFR Replacement Date have occurred with respect to the relevant SOFR Benchmark (as defined below), then the provisions set forth in Condition 32(d)(iii)(C)IV. (*SOFR Replacement Provisions*) below will apply to all determinations of the Rate of Interest or Rate, as the case may be, for each Interest Period thereafter.

### IV. SOFR Replacement Provisions

If the Calculation Agent determines at any time prior to the SOFR Determination Time on any U.S. Government Securities Business Day that a SOFR Transition Event and the related SOFR Replacement Date have occurred, the Calculation Agent will appoint an agent (the "**Replacement Rate Determination Agent**") which will determine the SOFR Replacement. The Replacement Rate Determination Agent may be (x) a leading bank, broker-dealer or benchmark agent in the principal financial centre of the Settlement Currency as appointed by the Calculation Agent, (y) the Issuer or the Guarantor (if applicable), (z) an affiliate of the Issuer, the Guarantor (if applicable) or the Calculation Agent or (zz) such other entity that the Calculation Agent determines to be competent to carry out such role.

In connection with the determination of the SOFR Replacement, the Replacement Rate Determination Agent will determine appropriate SOFR Replacement Conforming Changes.

Any determination, decision or election that may be made by the Calculation Agent or Replacement Rate Determination Agent (as the case may be) pursuant to these provisions, will (in the absence of manifest error) be conclusive and binding on the Issuer, the Calculation Agent, the Principal Security Agent and the Holders.

## TERMS AND CONDITIONS OF THE SECURITIES

Following the designation of a SOFR Replacement, the Calculation Agent may subsequently determine that a SOFR Transition Event and a related SOFR Replacement Date have occurred in respect of such SOFR Replacement, provided that the SOFR Benchmark has already been substituted by the SOFR Replacement and any SOFR Replacement Conforming Changes in connection with such substitution have been applied. In such circumstances, the SOFR Replacement shall be deemed to be the SOFR Benchmark and all relevant definitions shall be construed accordingly.

In connection with the SOFR Replacement provisions above, the following definitions shall apply:

**"2006 ISDA Definitions"** means, in respect of a Series of Securities, the 2006 ISDA Definitions published by the International Swaps and Derivatives Association, Inc. or any successor thereto ("**ISDA**"), as amended, updated or supplemented as at the Issue Date of the first Tranche of Securities of such Series;

**"2021 ISDA Definitions"** means, in respect of a Series of Securities, the latest version of the 2021 ISDA Interest Rate Derivatives Definitions (including each Matrix (and any successor Matrix thereto), as defined in such 2021 ISDA Interest Rate Derivatives Definitions) as at the Issue Date of the first Tranche of Securities of such Series, as published by ISDA on its website ([www.isda.org](http://www.isda.org));

**"ISDA Definitions"** means the 2006 ISDA Definitions or the 2021 ISDA Definitions, as specified in the applicable Final Terms;

**"ISDA Fallback Adjustment"** means the spread adjustment (which may be a positive or negative value or zero) that would apply for derivatives transactions referencing the ISDA Definitions to be determined upon the occurrence of a SOFR Transition Event with respect to SOFR for the applicable tenor;

**"ISDA Fallback Rate"** means the rate that would apply for derivatives transactions referencing the ISDA Definitions to be effective upon the occurrence of a SOFR Transition Event with respect to SOFR for the applicable tenor excluding the applicable ISDA Fallback Adjustment;

**"Relevant Governmental Body"** means the Board of Governors of the Federal Reserve System and/or the NY Federal Reserve or a committee officially endorsed or convened by the Board of Governors of the Federal Reserve System and/or the NY Federal Reserve or any successor thereto;

**"SOFR Benchmark"** means (a) (unless SOFR Compound – SOFR Index with Observation Shift is specified in the applicable Final Terms) SOFR or (b) SOFR Index (each as defined in Condition 32(d)(iii)(C)III. above);

**"SOFR Replacement"** means any one (or more) of the SOFR Replacement Alternatives to be determined by the Replacement Rate Determination Agent as of the SOFR Replacement Date if the Calculation Agent determines that a SOFR Transition Event and its related SOFR Replacement

## TERMS AND CONDITIONS OF THE SECURITIES

Date have occurred on or prior to the SOFR Determination Time in respect of any determination of the SOFR Benchmark on any U.S. Government Securities Business Day in accordance with:

- (a) the order of priority specified SOFR Replacement Alternatives Priority in the applicable Final Terms; or
- (b) if no such order of priority is specified, in accordance with the priority set forth below:
  - (i) Relevant Governmental Body Replacement;
  - (ii) ISDA Fallback Replacement; and
  - (iii) Industry Replacement,

Provided, in each case, that, if the Replacement Rate Determination Agent is unable to determine the SOFR Replacement in accordance with the first SOFR Replacement Alternative listed, it shall attempt to determine the SOFR Replacement in accordance with the each subsequent SOFR Replacement Alternative until a SOFR Replacement is determined. The SOFR Replacement will replace the then-current SOFR Benchmark for the purpose of determining the relevant Rate or Rate of Interest in respect of the relevant Interest Period and each subsequent Interest Period, subject to the occurrence of a subsequent SOFR Transition Event and related SOFR Replacement Date;

**"SOFR Replacement Alternatives"** means:

- (a) the sum of: (i) the alternative rate that has been selected or recommended by the Relevant Governmental Body as the replacement for the then-current SOFR Benchmark for the relevant Interest Period and (ii) the SOFR Replacement Adjustment (the **"Relevant Governmental Body Replacement"**);
- (b) the sum of: (i) the ISDA Fallback Rate and (ii) the SOFR Replacement Adjustment (the **"ISDA Fallback Replacement"**); or
- (c) the sum of: (i) the alternative rate that has been selected by the Replacement Rate Determination Agent as the replacement for the then-current SOFR Benchmark for the relevant Interest Period giving due consideration to any industry-accepted rate as a replacement for the then-current SOFR Benchmark for U.S. dollar-denominated floating rate securities at such time and (ii) the SOFR Replacement Adjustment (the **"Industry Replacement"**);

**"SOFR Replacement Adjustment"** means the first alternative set forth in the order below that can be determined by the Replacement Rate Determination Agent as of the applicable SOFR Replacement Date:

- (a) the spread adjustment, or method for calculating or determining such spread adjustment (which may be a positive or negative value or zero) that has been selected or recommended by the Relevant

## TERMS AND CONDITIONS OF THE SECURITIES

Governmental Body for the applicable Unadjusted SOFR Replacement;

- (b) if the applicable Unadjusted SOFR Replacement is equivalent to the ISDA Fallback Rate, the ISDA Spread Adjustment; or
- (c) the spread adjustment (which may be a positive or negative value or zero) determined by the Replacement Rate Determination Agent giving due consideration to any industry-accepted spread adjustment, or method for calculating or determining such spread adjustment, for the replacement of the then-current SOFR Benchmark with the applicable Unadjusted SOFR Replacement for U.S. dollar-denominated floating rate securities at such time;

**"SOFR Replacement Conforming Changes"** means, with respect to any SOFR Replacement, any technical, administrative or operational changes (including, but not limited to, changes to timing and frequency of determining rates with respect to each interest period and making payments of interest, rounding of amounts or tenors, day count fractions, business day convention and other administrative matters) that the Replacement Rate Determination Agent decides may be appropriate to reflect the adoption of such SOFR Replacement in a manner substantially consistent with market practice (or, if the Replacement Rate Determination Agent determines that adoption of any portion of such market practice is not administratively feasible or if the Replacement Rate Determination Agent determines that no market practice for use of the SOFR Replacement exists, in such other manner as the Replacement Rate Determination Agent or the Calculation Agent, as the case may be, determines is reasonably necessary, acting in good faith and in a commercially reasonable manner);

**"SOFR Replacement Date"** means the earliest to occur of the following events with respect to the then-current SOFR Benchmark (including the daily published component used in the calculation thereof):

- (a) in the case of sub-paragraphs (a) or (b) of the definition of "SOFR Transition Event" the later of (i) the date of the public statement or publication of information referenced therein and (ii) the date on which the administrator of the SOFR Benchmark permanently or indefinitely ceases to provide the SOFR Benchmark (or such component); or
- (b) in the case of sub-paragraph (c) of the definition of "SOFR Transition Event" the date of the public statement or publication of information referenced therein; or
- (c) in the case of sub-paragraph (d), the last such consecutive U.S. Government Securities Business Day on which the SOFR Benchmark has not been published,

provided that, in the event of any public statements or publications of information as referenced in sub-paragraphs (a) or (b) above, should such event or circumstance referred to in such a public statement or publication occur on a date falling later than three (3) months after the relevant public



## TERMS AND CONDITIONS OF THE SECURITIES

statement or publication, the SOFR Transition Event shall be deemed to occur on the date falling three (3) months prior to such specified date (and not the date of the relevant public statement or publication).

For the avoidance of doubt, if the event giving rise to the SOFR Replacement Date occurs on the same day as, but earlier than, the SOFR Determination Time in respect of any determination, the SOFR Replacement Date will be deemed to have occurred prior to the SOFR Determination Time for such determination.

**"SOFR Transition Event"** means the occurrence of any one or more of the following events with respect to the then-current SOFR Benchmark (including the daily published component used in the calculation thereof):

- (a) a public statement or publication of information by or on behalf of the administrator of the SOFR Benchmark (or such component, if relevant) announcing that such administrator has ceased or will cease to provide the SOFR Benchmark (or such component, if relevant), permanently or indefinitely, provided that, at the time of such statement or publication, there is no successor administrator that will continue to provide the SOFR Benchmark (or such component, if relevant);
- (b) a public statement or publication of information by the regulatory supervisor for the administrator of the Benchmark (or such component, if relevant), the central bank for the currency of the SOFR Benchmark (or such component, if relevant), an insolvency official with jurisdiction over the administrator for the SOFR Benchmark (or such component, if relevant), a resolution authority with jurisdiction over the administrator for SOFR (or such component, if relevant) or a court or an entity with similar insolvency or resolution authority over the administrator for the SOFR Benchmark (or such component, if relevant), which states that the administrator of the SOFR Benchmark (or such component, if relevant) has ceased or will cease to provide the SOFR Benchmark (or such component, if relevant) permanently or indefinitely, provided that, at the time of such statement or publication, there is no successor administrator that will continue to provide the SOFR Benchmark (or such component, if relevant);
- (c) a public statement or publication of information by the regulatory supervisor for the administrator of the SOFR Benchmark (or such component, if relevant) announcing that the SOFR Benchmark (or such component, if relevant) is no longer representative, the SOFR Benchmark (or such component, if relevant) has been or will be prohibited from being used or that its use has been or will be subject to restrictions or adverse consequences, either generally or in respect of the Securities; or
- (d) the SOFR Benchmark is not published by its administrator (or a successor administrator) for six (6) consecutive U.S. Government Securities Business Days; and

## TERMS AND CONDITIONS OF THE SECURITIES

**"Unadjusted Benchmark Replacement"** means the SOFR Replacement prior to the application of any SOFR Replacement Adjustment.

### (D) €STR

- I. Where "Screen Rate Determination – €STR" is specified in the applicable Final Terms as the manner in which a Rate of Interest or Rate is to be determined, such Rate of Interest or Rate, as the case may be, for each Interest Period, will be Compounded Daily €STR plus or minus (as indicated in the applicable Final Terms) the Margin (if any), all as determined by the Calculation Agent, calculated in accordance with this Condition 32(d)(iii)(D)I., subject to the provisions of Condition 32(d)(iii)(D)II.

For the purposes of this Condition 32(d)(iii)(D), the following definitions shall apply:

**"Compounded Daily €STR"** means, with respect to an Interest Period, the rate of return of a daily compound interest investment in euro (with the daily euro short term rate as the reference rate for the calculation of interest) calculated by the Calculation Agent on the relevant Interest Determination Date, in accordance with the following formula:

$$\left[ \prod_{i=1}^{d_o} \left( 1 + \frac{\text{Relevant } \text{€STR}_i \times n_i}{360} \right) - 1 \right] \times \frac{360}{d}$$

where the resulting percentage will be rounded (if necessary) to the nearest fifth decimal place, with 0.000005 being rounded upwards;

**"d"** means the number of calendar days in (x) if "Lag" is specified as the Observation Method in the applicable Final Terms, the relevant Interest Period or (y) if "Shift" is specified as the Observation Method in the applicable Final Terms, the relevant Observation Lookback Period;

**"d<sub>0</sub>"** means the number of TARGET2 Business Days in (x) if "Lag" is specified as the Observation Method in the applicable Final Terms, the relevant Interest Period or (y) if "Shift" is specified as the Observation Method in the applicable Final Terms, the relevant Observation Lookback Period;

**"€STR"** means, in respect of any TARGET2 Business Day, the reference rate equal to the daily euro short term rate (€STR) for such TARGET2 Business Day as provided by the European Central Bank, as the administrator of such rate (or any successor administrator of such rate) on the website of the European Central Bank at <https://www.ecb.europa.eu/home/html/index.en.html>, or any successor website or the website of any successor administrator for the publication of such rate (the **"ECB Website"**) on such TARGET2 Business Day or if the ECB Website is unavailable as otherwise published by or on behalf of the relevant administrator;

## TERMS AND CONDITIONS OF THE SECURITIES

"**€STR<sub>i-pTBD</sub>**" means, in respect of any TARGET2 Business Day  $i$ , €STR for the TARGET2 Business Day falling  $p$  TARGET2 Business Days prior to the relevant TARGET2 Business Day  $i$ ;

"**i**" means a series of whole numbers from one to  $d_0$ , each representing the relevant TARGET2 Business Day in chronological order from, and including, the first TARGET2 Business Day in (x) if "Lag" is specified as the Observation Method in the applicable Final Terms, the relevant Interest Period or (y) if "Shift" is specified as the Observation Method in the applicable Final Terms, the relevant Observation Lookback Period;

"**Lookback Period**" or "**p**" means, in respect of an Interest Period, the number of TARGET2 Business Days specified in the applicable Final Terms (or, if no such number is specified, five TARGET2 Business Days);

"**n<sub>i</sub>**" means, in respect of any TARGET2 Business Day  $i$ , the number of calendar days from (and including) such TARGET2 Business Day  $i$  to (but excluding) the following TARGET2 Business Day;

"**Observation Lookback Period**" means, in respect of an Interest Period, the period from (and including) the date falling  $p$  TARGET2 Business Days prior to the first day of the relevant Interest Period and ending on (but excluding) the date which is  $p$  TARGET2 Business Days prior to the Interest Period End Date falling at the end of such Interest Period;

"**Relevant €STR<sub>i</sub>**" means, in respect of any TARGET2 Business Day  $i$ :

- (x) if "Lag" is specified as the Observation Method in the applicable Final Terms,  $€STR_{i-pTBD}$ ; or
- (y) if "Shift" is specified as the Observation Method in the applicable Final Terms,  $€STR_i$ , where  $€STR_i$  is, in respect of any TARGET2 Business Day  $i$  falling in the relevant Observation Lookback Period, €STR for such day; and

"**TARGET2 Business Day**" means a day on which the TARGET2 System is open.

## II. €STR Fallback provisions

### (1) *A €STR Transition Event has occurred*

If the Calculation Agent determines at any time prior to the €STR Reference Time on any TARGET2 Business Day that a €STR Transition Event and the related €STR Replacement Date have occurred, the Calculation Agent will appoint an agent (the "**Replacement Rate Determination Agent**") which will determine the €STR Replacement. The Replacement Rate Determination Agent may be (x) a leading bank, broker-dealer or benchmark agent in the principal financial centre of the Settlement Currency as appointed by the Calculation Agent, (y) the Issuer or the Guarantor (if applicable), (z) an affiliate of the Issuer, the Guarantor (if applicable) or the Calculation Agent or (aa) such other entity that the Calculation Agent

## TERMS AND CONDITIONS OF THE SECURITIES

determines to be competent to carry out such role. In connection with the determination of the €STR Replacement:

- (X) the €STR Replacement will replace the then-current €STR Benchmark for all purposes relating to the relevant Securities in respect of such determination on such date and all determinations on all subsequent dates;
  - (Y) the Replacement Rate Determination Agent may make €STR Replacement Conforming Changes with respect to the relevant Securities from time to time;
  - (Z) any determination, decision or election that may be made by the Replacement Rate Determination Agent pursuant to this Condition 32(d)(iii)(D)II. including any determination with respect to a tenor, rate or adjustment or of the occurrence or non-occurrence of an event, circumstance or date and any decision to take or refrain from taking any action or any selection, in each case, solely with respect to the relevant Securities, will be conclusive and binding absent manifest error, will be made by the Replacement Rate Determination Agent acting in good faith and a commercially reasonable manner;
  - (AA) to the extent that there is any inconsistency between this Condition and any other Terms and Conditions, this Condition 32(d)(iii)(D)II. shall prevail with respect to any Securities for which the Rate of Interest or Rate is calculated in accordance with this Condition 32(d)(iii)(D);
  - (BB) the Calculation Agent may determine that it is appropriate for a €STR Replacement to replace the then-current €STR Benchmark and apply any €STR Replacement Conforming Changes in respect of any subsequent €STR Transition Event; and
  - (CC) where a €STR Transition Event or details of it are announced prior to the relevant €STR Replacement Date then the Replacement Rate Determination Agent may on or after such earlier announcement date give notice to Holders in accordance with Condition 10 of the relevant changes which will be made to the Securities, provided that, such changes will only take effect as of the €STR Replacement Date.
- (2) *A €STR Transition Event has not occurred and the €STR Benchmark is unavailable*

If, by the relevant €STR Reference Time on a relevant determination date, the €STR Benchmark is unavailable in respect of such determination date and a €STR Transition Event has not occurred, then the rate for such determination date will be the €STR Benchmark, where applicable, of the Corresponding Tenor, as provided by the administrator of the €STR Benchmark and published by an alternative authorised distributor or by or on behalf of the administrator of the €STR Benchmark itself. If no such rate has been published by the Rate Cut-Off Time specified in the applicable

## TERMS AND CONDITIONS OF THE SECURITIES

Final Terms (or if no time is so specified, 4 p.m. (London time)), then the rate for such determination date will be the rate determined by the Calculation Agent to be a commercially reasonable alternative for the €STR Benchmark by applying one of the following rates:

- (1) a rate formally recommended for use by the administrator of the €STR Benchmark; or
- (2) a rate formally recommended for use by the Relevant Governmental Body or any other supervisor which is responsible for supervising the €STR Benchmark or the administrator of the €STR Benchmark,

in each case, during the period of non-publication of the €STR Benchmark and for so long as a €STR Transition Event has not occurred. If a rate described in sub-paragraph (1) is available, the Calculation Agent shall apply that rate. If no such rate is available, but a rate described in sub-paragraph (2) is available, the Calculation Agent shall apply that rate. If neither a rate described in sub-paragraph (1) nor a rate described in sub-paragraph (2) is available, then the Calculation Agent shall determine a commercially reasonable alternative for the €STR Benchmark taking into account, where available, any rate implemented by central counterparties and/or futures exchanges, in each case with trading volumes in derivatives or futures referencing the €STR Benchmark that the Calculation Agent considers sufficient for that rate to be a representative alternative rate.

### (3) *€STR Fallback Definitions*

Notwithstanding any other definitions to the contrary in these Terms and Conditions, the following definitions shall apply with respect to this Condition 32(d)(iii)(D)II.:

**"2006 ISDA Definitions"** means, in respect of a Series of Securities, the 2006 ISDA Definitions published by the International Swaps and Derivatives Association, Inc. or any successor thereto ("**ISDA**"), as amended, updated or supplemented as at the Issue Date of the first Tranche of Securities of such Series;

**"2021 ISDA Definitions"** means, in respect of a Series of Securities, the latest version of the 2021 ISDA Interest Rate Derivatives Definitions (including each Matrix (and any successor Matrix thereto), as defined in such 2021 ISDA Interest Rate Derivatives Definitions) as at the Issue Date of the first Tranche of Securities of such Series, as published by ISDA on its website ([www.isda.org](http://www.isda.org));

**"Corresponding Tenor"** with respect to a €STR Replacement means a tenor (including overnight) having approximately the same length (disregarding business day adjustment) as the applicable tenor for the then-current €STR Benchmark.

**"€STR Benchmark"** means, initially, Compounded Daily €STR (as defined in Condition 32(d)(iii)(D)I. above) of the appropriate tenor (if applicable), provided that, if a €STR Transition Event and its related €STR Replacement

## TERMS AND CONDITIONS OF THE SECURITIES

Date have occurred with respect to Compounded Daily €STR, or the then-current €STR Benchmark, then "€STR Benchmark" means the applicable €STR Replacement.

"**€STR Reference Time**" with respect to any determination of the €STR Benchmark means 11:00 am (Brussels time) on the TARGET2 Business Day immediately following the date of such determination.

"**€STR Replacement**" means the first alternative set forth in the order below that can be determined by the Replacement Rate Determination Agent as of the €STR Replacement Date:

- (1) the ISDA Fallback Rate;
- (2) the alternative rate of interest that has been selected or recommended by the Relevant Governmental Body as the replacement for the then-current €STR Benchmark, where applicable, for the applicable Corresponding Tenor; or
- (3) the alternative rate of interest that has been selected by the Replacement Rate Determination Agent as the replacement for the then-current €STR Benchmark, where applicable for the applicable Corresponding Tenor, giving due consideration to any industry-accepted rate of interest as a replacement for the then-current €STR Benchmark for floating rate securities denominated in the currency of the €STR Benchmark (the "**Relevant Benchmark Currency**") calculated at such time.

"**€STR Replacement Conforming Changes**" means, with respect to any €STR Replacement, any technical, administrative or operational changes (including, but not limited to, timing and frequency of determining rates with respect to each interest period and making payments of interest, rounding of amounts or tenors, day count fractions, business day convention, amendments to any other Condition and other administrative matters) that the Replacement Rate Determination Agent decides may be appropriate to reflect the adoption of such €STR Replacement in a manner substantially consistent with market practice (or, if the Replacement Rate Determination Agent determines that adoption of any portion of such market practice is not administratively feasible or if the Replacement Rate Determination Agent determines that no market practice for use of the €STR Replacement exists, in such other manner as the Replacement Rate Determination Agent or the Calculation Agent, as the case may be, determines is reasonably necessary, acting in good faith and in a commercially reasonable manner).

"**€STR Replacement Date**" means the earliest to occur of the following events with respect to the then-current €STR Benchmark:

- (1) in the case of paragraph (1) or (2) of the definition of "€STR Transition Event", the later of (a) the date of the public statement or publication of information referenced therein and (b) the date on which the administrator of the €STR Benchmark permanently or indefinitely ceases to provide such €STR Benchmark; or

## TERMS AND CONDITIONS OF THE SECURITIES

- (2) in the case of paragraph (3) of the definition of "€STR Transition Event", the date of the public statement or publication of information referenced therein,

for the avoidance of doubt, if the event giving rise to the €STR Replacement Date occurs on the same day as, but earlier than, the €STR Reference Time in respect of any determination, the €STR Replacement Date will be deemed to have occurred prior to the €STR Reference Time for such determination.

**"€STR Transition Event"** means the occurrence of one or more of the following events with respect to the then-current €STR Benchmark:

- (1) a public statement or publication of information by or on behalf of the administrator of the €STR Benchmark announcing that the administrator has ceased or will cease to provide the €STR Benchmark permanently or indefinitely, provided that, at the time of such statement or publication, there is no successor administrator that will continue to provide the €STR Benchmark;
- (2) a public statement or publication of information by the regulatory supervisor for the administrator of the €STR Benchmark, the central bank for the currency of the €STR Benchmark, an insolvency official with jurisdiction over the administrator for the €STR Benchmark, a resolution authority with jurisdiction over the administrator for the €STR Benchmark or a court or an entity with similar insolvency or resolution authority over the administrator for the €STR Benchmark, which states that the administrator of the €STR Benchmark has ceased or will cease to provide the €STR Benchmark permanently or indefinitely, provided that, at the time of such statement or publication, there is no successor administrator that will continue to provide the €STR Benchmark; or
- (3) a public statement or publication of information by the regulatory supervisor for the administrator of the €STR Benchmark announcing that the €STR Benchmark is no longer representative, the €STR Benchmark has been or will be prohibited from being used or that its use has been or will be subject to restrictions or adverse consequences, either generally or in respect of the Securities.

**"ISDA Definitions"** means the 2006 ISDA Definitions or the 2021 ISDA Definitions, as specified in the applicable Final Terms.

**"ISDA Fallback Adjustment"** means the spread adjustment (which may be a positive or negative value or zero) that would apply for derivatives transactions referencing the ISDA Definitions to be determined upon the occurrence of a €STR Transition Event with respect to the €STR Benchmark for the applicable tenor.

**"ISDA Fallback Rate"** means the rate that would apply for derivatives transactions referencing the ISDA Definitions to be effective upon the occurrence of a €STR Transition Event with respect to the €STR Benchmark

## TERMS AND CONDITIONS OF THE SECURITIES

for the applicable tenor excluding the applicable ISDA Fallback Adjustment.

**"Rate Cut-off Time"** has the meaning given to it in the applicable Final Terms.

**"Relevant Governmental Body"** means the European Central Bank (including any board thereof) or any committee officially endorsed and/or convened thereby.

### (E) SARON

- I. Where "Screen Rate Determination – SARON" is specified in the applicable Final Terms as the manner in which the Rate of Interest or Rate is to be determined, such Rate of Interest or Rate, as the case may be, for each Interest Period will be Compounded Daily SARON plus or minus (as indicated in the applicable Final Terms) the Margin (if any), all as determined by the Calculation Agent, calculated in accordance with this Condition 32(d)(iii)(E)I., subject to the provisions of Condition 32(d)(iii)(E)II.

The following definitions shall apply for the purpose of this Condition 32(d)(iii)(E):

**"Compounded Daily SARON"** means, with respect to an Interest Period, the rate of return of a daily compound interest investment in Swiss francs (with the daily overnight interest rate of the secured funding market for Swiss franc as the reference rate for the calculation of interest) calculated by the Calculation Agent on the relevant Interest Determination Date, in accordance with the following formula:

$$\left[ \prod_{i=1}^{d_0} \left( 1 + \frac{\text{SARON}_i \times n_i}{360} \right) - 1 \right] \times \frac{360}{d}$$

where the resulting percentage will be rounded (if necessary) to the nearest fifth decimal place, with 0.000005 being rounded upwards.

**"d"** means, in respect of a SARON Observation Period, the number of calendar days in such SARON Observation Period;

**"d<sub>0</sub>"** means, in respect of a SARON Observation Period, the number of Zurich Banking Days in such SARON Observation Period.

**"i"** means a series of whole numbers from one to d<sub>0</sub>, each representing the relevant Zurich Banking Days in the relevant SARON Observation Period in chronological order from, and including, the first Zurich Banking Day in such SARON Observation Period;

**"Lookback Period"** or **"p"** means, in respect of an Interest Period, the number of Zurich Banking Days specified in the applicable Final Terms (or, if no such number is specified, five Zurich Banking Days);



## TERMS AND CONDITIONS OF THE SECURITIES

"**n<sub>i</sub>**" means, in respect of any Zurich Banking Day *i*, the number of calendar days from (and including) such Zurich Banking Day *i* to (but excluding) the first following Zurich Banking Day;

"**SARON**" means, in respect of any Zurich Banking Day:

- (i) the Swiss Average Rate Overnight for such Zurich Banking Day published by the SARON Administrator on the Relevant Screen Page (or such replacement page which displays the information) at the SARON Reference Time;
- (ii) if such rate is not so published on the Relevant Screen Page at the SARON Reference Time on such Zurich Banking Day, other than as a consequence of a SARON Index Cessation Event for which a SARON Index Cessation Effective Date has occurred at or prior to the SARON Reference Time on such Zurich Banking Day, the Swiss Average Rate Overnight published on the Relevant Screen Page for the first preceding Zurich Banking Day for which the Swiss Average Rate Overnight was published on the Relevant Screen Page; or
- (iii) if such rate is not so published on the Relevant Screen Page at the SARON Reference Time on such Zurich Banking Day as a consequence of a SARON Index Cessation Event for which a SARON Index Cessation Effective Date has occurred at or prior to the SARON Reference Time on such Zurich Banking Day, the SARON Replacement determined in accordance with Condition 32(d)(iii)(E) below;

"**SARON Administrator**" means SIX Swiss Exchange AG (or any successor administrator);

"**SARON Observation Period**" means, in respect of an Interest Period, the period from (and including) the date falling *p* Zurich Banking Days prior to the first day of the relevant Interest Period and ending on (but excluding) the date which is *p* Zurich Banking Days prior to the Interest Period End Date falling at the end of such Interest Period;

"**SARON Reference Time**" means, in respect of any Zurich Banking Day, the close of trading on the trading platform of SIX Repo AG (or any successor thereto) on such Zurich Banking Day, which is expected to be at or around 6 p.m. (Zurich time);

"**SARON<sub>i</sub>**" means, in respect of any Zurich Banking Day *i*, SARON as provided by the SARON Administrator to, and published by, authorised distributors of SARON in respect of that day at the SARON Reference Time (or any amended publication time as specified by the SARON Administrator in the SARON benchmark methodology) on such Zurich Banking Day; and

"**Zurich Banking Day**" means any day (other than a Saturday and Sunday) on which commercial banks are open for general business (including dealing in foreign exchange and foreign currency deposits) in Zurich.

## TERMS AND CONDITIONS OF THE SECURITIES

### II. SARON Replacement Provisions

- (1) If the Calculation Agent determines at any time prior to the SARON Reference Time on any Zurich Banking Day that a SARON Index Cessation Event and the related SARON Index Cessation Effective Date have occurred, the Calculation Agent shall determine the SARON Replacement.

If there is no Recommended SARON Replacement Rate and the SNB Policy Rate for any Zurich Banking Day with respect to which SARON is to be determined has not been published on such Zurich Banking Day (the "**Affected Zurich Banking Day**"), then the Calculation Agent will appoint an agent (the "**Replacement Rate Determination Agent**") on or prior to the first Zurich Banking Day in respect of which a SARON Index Cessation Event and related SARON Index Cessation Effective Date have occurred and for which the SNB Policy Rate has not been published. The Replacement Rate Determination Agent may be (x) a leading bank, broker-dealer or benchmark agent in the principal financial centre of the Settlement Currency as appointed by the Calculation Agent, (y) the Issuer or the Guarantor (if applicable), (z) an affiliate of the Issuer, the Guarantor (if applicable) or the Calculation Agent or (aa) such other entity that the Calculation Agent determines to be competent to carry out such role.

The Replacement Rate Determination Agent will determine whether to use an alternative rate to SARON for the Affected Zurich Banking Day and for all subsequent Zurich Banking Days in the SARON Observation Period in which the Affected Zurich Banking Day falls (the "**Affected SARON Observation Period**") and all SARON Observation Periods thereafter.

For the purposes of determining the Rate of Interest or Rate, as the case may be:

- (i) the Replacement Rate Determination Agent shall determine: (A) the method for determining the SARON Replacement (including any alternative method for determining the SARON Replacement if such alternative rate is unavailable on the relevant Interest Determination Date), which method shall be consistent with industry-accepted practices for the SARON Replacement and (B) any adjustment factor as may be necessary to make the SARON Replacement comparable to the then-current SARON Benchmark consistent with industry-accepted practices for the SARON Replacement;
- (ii) for the Affected Zurich Banking Day and all subsequent Zurich Banking Days in the Affected SARON Observation Period and all SARON Observation Periods thereafter, references to SARON in the Terms and Conditions shall be deemed to be references to the SARON Replacement, including any alternative method for determining such rate and any adjustment factor as described in sub-clause (i) above;

## TERMS AND CONDITIONS OF THE SECURITIES

- (iii) the Replacement Rate Determination Agent may make SARON Replacement Conforming Changes with respect to the Securities from time to time;
- (iv) any determination, decision or election that may be made by the Replacement Rate Determination Agent pursuant to this Condition 32(d)(iii)(E)II. including any SARON Replacement Conforming Changes or of the occurrence or non-occurrence of an event, circumstance or date and any decision to take or refrain from taking any action or any selection, in each case, solely with respect to the relevant Securities, will be conclusive and binding absent manifest error and will be made by the Replacement Rate Determination Agent acting in good faith and a commercially reasonable manner;
- (v) to the extent that there is any inconsistency between this Condition and any other Terms and Conditions, this Condition 32(d)(iii)(E)II. shall prevail with respect to any Securities for which the Rate of Interest or Rate is calculated in accordance with this Condition 32(d)(iii)(E);
- (vi) the Calculation Agent may determine that it is appropriate for a SARON Replacement to replace the then-current SARON Benchmark and apply any SARON Replacement Conforming Changes in respect of any subsequent SARON Index Cessation Event; and
- (vii) where a SARON Index Cessation Event or details of it are announced prior to the relevant SARON Index Cessation Effective Date then the Replacement Rate Determination Agent may on or after such earlier announcement date give notice to Holders in accordance with Condition 10 of the relevant changes which will be made to the Securities, provided that, such changes will only take effect as of the SARON Index Cessation Effective Date.

As used in this Condition 32(d)(iii)(E), the following definitions shall apply:

**"Recommended SARON Adjustment Spread"** means, with respect to any Recommended SARON Replacement Rate:

- (i) the spread (which may be positive, negative or zero), formula or methodology for calculating such a spread, that the Recommending Body has recommended be applied to such Recommended SARON Replacement Rate in the case of fixed income securities with respect to which such Recommended SARON Replacement Rate has replaced the Swiss Average Rate Overnight as the reference rate for the purposes of determining the applicable rate of interest thereon; or
- (ii) if the Recommending Body has not recommended such a spread, formula or methodology as described in clause (i) above to be applied to such Recommended SARON Replacement Rate, for the purposes of determining SARON, the Calculation Agent will determine the spread, acting in good faith and in a commercially reasonable manner, to reduce or eliminate, to the extent reasonably practicable under the circumstances, any economic

## TERMS AND CONDITIONS OF THE SECURITIES

prejudice or benefit (as applicable) to Holders as a result of the replacement of the Swiss Average Rate Overnight with such Recommended SARON Replacement Rate. The Calculation Agent will take into account industry-accepted practices for fixed income securities with respect to which such Recommended SARON Replacement Rate has replaced the Swiss Average Rate Overnight as the reference rate for the purposes of determining the applicable rate of interest thereon;

**"Recommended SARON Replacement Rate"** means the rate that has been recommended as the replacement for the Swiss Average Rate Overnight by any working group or committee in Switzerland organised in the same or a similar manner as the National Working Group on Swiss Franc Reference Rates that was founded in 2013 for the purposes of, among other things, considering proposals to reform reference interest rates in Switzerland (any such working group or committee, the **"Recommending Body"**);

**"SARON Benchmark"** means, initially, Compounded Daily SARON (as defined in Condition 32(d)(iii)(E)I. above), provided that, if a SARON Index Cessation Event and its related SARON Index Cessation Effective Date have occurred with respect to Compounded Daily SARON, or the then-current SARON Benchmark, then "SARON Benchmark" means the applicable SARON Replacement.

**"SARON Index Cessation Effective Date"** means the earliest of:

- (i) in the case of the occurrence of a SARON Index Cessation Event described in clause (i) of the definition thereof, the date on which the SARON Administrator ceases to provide the Swiss Average Rate Overnight;
- (ii) in the case of the occurrence of a SARON Index Cessation Event described in sub-clause (ii)(x) of the definition thereof, the latest of:
  - (x) the date of such statement or publication;
  - (y) the date, if any, specified in such statement or publication as the date on which the Swiss Average Rate Overnight will no longer be representative; and
  - (z) if a SARON Index Cessation Event described in sub-clause (ii)(y) of the definition thereof has occurred on or prior to either or both dates specified in sub-clauses (x) and (y) of this clause (ii), the date as of which the Swiss Average Rate Overnight may no longer be used; and
- (iii) in the case of the occurrence of a SARON Index Cessation Event described in sub-clause (ii)(y) of the definition thereof, the date as of which the Swiss Average Rate Overnight may no longer be used;

**"SARON Index Cessation Event"** means the occurrence of one or more of the following events:

- (i) a public statement or publication of information by or on behalf of the SARON Administrator, or by any competent authority, announcing or confirming that the SARON Administrator has ceased or will cease to

## TERMS AND CONDITIONS OF THE SECURITIES

provide the Swiss Average Rate Overnight permanently or indefinitely, provided that, at the time of such statement or publication, there is no successor administrator that will continue to provide the Swiss Average Rate Overnight; or

- (ii) a public statement or publication of information by the SARON Administrator or any competent authority announcing that (x) the Swiss Average Rate Overnight is no longer representative or will as of a certain date no longer be representative, or (y) the Swiss Average Rate Overnight may no longer be used after a certain date, which statement, in the case of sub-clause (y), is applicable to (but not necessarily limited to) fixed income securities and derivatives;

**"SARON Replacement"** means the first alternative set forth in the order below that can be determined by the Replacement Rate Determination Agent as of the SARON Index Cessation Effective Date:

- (i) the Recommended SARON Replacement Rate for such Zurich Banking Day, giving effect to the Recommended SARON Adjustment Spread, if any, published on such Zurich Banking Day;
- (ii) the policy rate of the Swiss National Bank (the **"SNB Policy Rate"**) for such Zurich Banking Day, giving effect to the SNB Adjustment Spread, if any; or
- (iii) the alternative rate of interest that has been selected by the Replacement Rate Determination Agent as the replacement for the then-current SARON Benchmark, being such industry-accepted successor rate or, if no such rate exists, it shall select such rate that it has determined is most comparable to the Swiss Average Rate Overnight;

**"SARON Replacement Conforming Changes"** means, with respect to any SARON Replacement, any technical, administrative or operational changes (including, but not limited to, timing and frequency of determining rates with respect to each interest period and making payments of interest, rounding of amounts or tenors, day count fractions, business day convention, amendments to any other Condition and other administrative matters) that the Replacement Rate Determination Agent decides may be appropriate to reflect the adoption of such SARON Replacement in a manner substantially consistent with market practice (or, if the Replacement Rate Determination Agent determines that adoption of any portion of such market practice is not administratively feasible or if the Replacement Rate Determination Agent determines that no market practice for use of the SARON Replacement exists, in such other manner as the Replacement Rate Determination Agent or the Calculation Agent, as the case may be, determines is reasonably necessary, acting in good faith and in a commercially reasonable manner); and

**"SNB Adjustment Spread"** means, with respect to the SNB Policy Rate, the spread to be applied to the SNB Policy Rate in order to reduce or eliminate, to the extent reasonably practicable under the circumstances, any economic prejudice or benefit (as applicable) to Holders as a result of the replacement of the Swiss Average Rate Overnight with the SNB Policy Rate for the purposes of determining SARON, which spread will be determined by the Calculation Agent, acting in good faith and in a

## TERMS AND CONDITIONS OF THE SECURITIES

commercially reasonable manner, taking into account the historical median between the Swiss Average Rate Overnight and the SNB Policy Rate during the two year period ending on the date on which the SARON Index Cessation Event occurred (or, if more than one SARON Index Cessation Event has occurred, the date on which the first of such events occurred).

### (F) TONA

- I. Where "Screen Rate Determination – TONA" is specified in the applicable Final Terms as the manner in which a Rate of Interest or Rate is to be determined, such Rate of Interest or Rate, as the case may be, for each Interest Period will be Compounded Daily TONA plus or minus (as indicated in the applicable Final Terms) the Margin (if any), all as determined by the Calculation Agent, calculated in accordance with this Condition 32(d)(iii)(F)I., subject to the provisions of Condition 32(d)(iii)(F)II and 32(d)(iii)(F)III.

The following definitions shall apply for the purpose of this Condition 32(d)(iii)(F):

**"Compounded Daily TONA"** means, with respect to an Interest Period, an amount equal to the rate of return for an investment in Japanese yen on each calendar day during the relevant Interest Period, compounded daily (with the daily Tokyo Overnight Average rate as the reference rate for the calculation of interest), calculated by the Calculation Agent on the relevant Interest Determination Date in accordance with the following formula:

- (a) if "TONA Compound with Lookback" is specified in the applicable Final Terms:

$$\left[ \prod_{i=1}^{d_0} \left( 1 + \frac{TONA_{i-pTBD} \times n_i}{365} \right) - 1 \right] \times \frac{365}{d}$$

with the resulting percentage being rounded, if necessary, to the fifth decimal place, with 0.000005 being rounded upwards;

**"d"** means, in respect of an Interest Period, the number of calendar days in such Interest Period;

**"d<sub>0</sub>"** means, in respect of an Interest Period, the number of Tokyo Banking Days in such Interest Period;

**"i"** means, in respect of an Interest Period, a series of whole numbers from one to d<sub>0</sub>, each representing the relevant Tokyo Banking Days in chronological order from (and including) the first Tokyo Banking Day in such Interest Period;

**"Lookback Period"** or **"p"** means the number of Tokyo Banking Days specified in the applicable Final Terms or, if no such number is specified, 5 Tokyo Banking Days;

**"n<sub>i</sub>"** means, in respect of a Tokyo Banking Day<sub>i</sub>, the number of calendar days from (and including) such Tokyo Banking Day<sub>i</sub> up to (but excluding) the following Tokyo Banking Day;

## TERMS AND CONDITIONS OF THE SECURITIES

"**TONA<sub>i</sub>**" means, in respect of a Tokyo Banking Day<sub>i</sub>, TONA in respect of such Tokyo Banking Day<sub>i</sub>; and

"**TONA<sub>i-pTBD</sub>**" means, in respect of a Tokyo Banking Day<sub>i</sub>, TONA<sub>i</sub> in respect of the Tokyo Banking Day falling p Tokyo Banking Days prior to such Tokyo Banking Day;

- (b) if "TONA Compound with Observation Period Shift" is specified in the applicable Final Terms:

$$\left[ \prod_{i=1}^{d_0} \left( 1 + \frac{TONA_i \times n_i}{365} \right) - 1 \right] \times \frac{365}{d}$$

with the resulting percentage being rounded, if necessary, to the fifth decimal place, with 0.000005 being rounded upwards;

"**d**" means, in respect of a TONA Observation Period, the number of calendar days in such TONA Observation Period;

"**d<sub>0</sub>**" means, in respect of a TONA Observation Period, the number of Tokyo Banking Days in such TONA Observation Period;

"**i**" means, in respect of a TONA Observation Period, a series of whole numbers from one to d<sub>0</sub>, each representing the Tokyo Banking Days in chronological order from (and including) the first Tokyo Banking Day in such TONA Observation Period;

"**n<sub>i</sub>**" means, in respect of a Tokyo Banking Day<sub>i</sub>, the number of calendar days from (and including) such Tokyo Banking Day<sub>i</sub> up to (but excluding) the following Tokyo Banking Day;

"**Observation Shift Days**" means the number of Relevant Business Days specified in the applicable Final Terms or, if no such number is specified, 5 Relevant Business Days;

"**Relevant Business Day**" means a day which is (i) a Tokyo Banking Day, (ii) if one or more Observation Shift Business Centre(s) (other than TARGET2 System) are specified in the applicable Final Terms, a day (other than a Saturday or Sunday) on which commercial banks and foreign exchange markets settle payments and are open for general business (including dealing in foreign exchange and foreign currency deposits) in the relevant Observation Shift Business Centre(s) and (iii) if "TARGET2 System" is specified as an Observation Shift Business Centre, a day on which the Trans-European Automated Real-Time Gross Settlement Express Transfer (TARGET2) System is open;

"**TONA Observation Period**" means, in respect of an Interest Period, the period from (and including) the date falling the number of Observation Shift Days prior to the first day of such Interest Period and ending on (but excluding) the date that is the number Observation Shift Days prior to the next occurring Interest Period End Date in such Interest Period; and

## TERMS AND CONDITIONS OF THE SECURITIES

"TONA<sub>i</sub>" means, in respect of a Tokyo Banking Day<sub>i</sub>, TONA in respect of such Tokyo Banking Day<sub>i</sub>;

"**Tokyo Banking Day**" means a day on which commercial banks are open for general business (including dealings in foreign exchange and foreign currency deposits) in Tokyo; and

"**TONA**" means the rate determined by the Calculation Agent in respect of a Tokyo Banking Day, being the Tokyo Overnight Average (TONA) rate administered by the Bank of Japan (or any successor administrator) for such Tokyo Banking Day as provided by the administrator of TONA to authorised distributors and as then published on the Relevant Screen Page (or, if the Relevant Screen Page is unavailable, as otherwise published by such authorised distributors) in each case as of approximately 10.00 a.m. (Tokyo time) (or any amended publication time as specified by the administrator of such rate) on the Tokyo Banking Day immediately following such Tokyo Banking Day. If no such rate is published by the administrator of TONA or an authorised distributor and is not otherwise provided by the administrator of TONA other than as a consequence of a TONA Index Cessation Event, then TONA for such Tokyo Banking Day will be TONA last provided or published on the Relevant Screen Page (or as otherwise published by relevant authorised distributors) that appears at approximately 10.00 a.m. (Tokyo time) on the Bank of Japan's Website on the Tokyo Banking Day immediately following such Tokyo Banking Day.

### II. Correction of TONA

If TONA in respect of any Tokyo Banking Day is subsequently corrected and provided by the administrator of TONA to authorised distributors of TONA and published on the Relevant Screen Page no later than the Correction Cut-off Time (if any) or, if later (or there is no such Correction Cut-off Time), one hour after the rate for such Tokyo Banking Day is published on the Relevant Screen Page, then TONA in respect of such Tokyo Banking Day shall be the subsequently corrected and published rate appearing on the Relevant Screen Page.

Where:

"**Correction Cut-off Time**" means the time specified as such by the administrator of TONA in the TONA benchmark methodology.

### III. TONA Fallbacks

If the Calculation Agent determines at any time prior to the TONA Reference Time on any Tokyo Banking Day that a TONA Index Cessation Event has occurred, then the rate in respect of each Tokyo Banking Day falling on or after the TONA Index Cessation Effective Date will be the JPY Recommended Rate.

If there is a JPY Recommended Rate before the end of the first Tokyo Banking Day following the TONA Index Cessation Effective Date, but neither the administrator nor authorised distributors provide or publish the JPY Recommended Rate, then, subject to the below, in respect of any day for which the JPY Recommended Rate is required, references to the JPY



## TERMS AND CONDITIONS OF THE SECURITIES

Recommended Rate will be deemed to be references to the last provided or published JPY Recommended Rate. However, if there is no last provided or published JPY Recommended Rate, then in respect of any day for which the JPY Recommended Rate is required, references to the JPY Recommended Rate will be deemed to be references to the last provided or published TONA.

If:

- (a) there is no JPY Recommended Rate before the end of the first Tokyo Banking Day following the TONA Index Cessation Effective Date; or
- (b) there is a JPY Recommended Rate and a JPY Recommended Rate Index Cessation Effective Date subsequently occurs in respect of such JPY Recommended Rate,

then the rate in respect of each Tokyo Banking Day falling on or after the TONA Index Cessation Effective Date or a JPY Recommended Rate Fixing Day occurring on or after the JPY Recommended Rate Index Cessation Effective Date, as the case may be, will be a commercially reasonable alternative for TONA or the JPY Recommended Rate, as the case may be, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, taking into account any rate implemented by central counterparties and/or futures exchanges, in each case with trading volumes in derivatives or futures referencing TONA or the JPY Recommended Rate (as applicable) that the Calculation Agent considers sufficient for that rate to be a representative alternative rate.

For the purposes of this Condition 32(d)(iii)(F)III.:

**"JPY Recommended Rate"** means, in respect of any Tokyo Banking Day, the rate (inclusive of any spreads or adjustments) recommended as the replacement for TONA by a committee officially endorsed or convened by the Bank of Japan for the purpose of recommending a replacement for TONA (which rate may be produced by the Bank of Japan or another administrator) and as provided by the administrator of that rate or, if that rate is not provided by the administrator thereof (or a successor administrator), published by an authorised distributor in respect of such day;

**"JPY Recommended Rate Fixing Day"** means, in respect of the JPY Recommended Rate and any day, the publication day specified by the administrator of the JPY Recommended Rate for the JPY Recommended Rate in its benchmark methodology;

**"JPY Recommended Rate Index Cessation Effective Date"** means, in respect of the JPY Recommended Rate and a JPY Recommended Rate Index Cessation Event, the first date on which the JPY Recommended Rate would ordinarily have been published or provided and is no longer published or provided;

**"JPY Recommended Rate Index Cessation Event"** means, in respect of the JPY Recommended Rate:

## TERMS AND CONDITIONS OF THE SECURITIES

- (a) a public statement or publication of information by or on behalf of the administrator of the JPY Recommended Rate announcing that it has ceased or will cease to provide the JPY Recommended Rate permanently or indefinitely, provided that, at the time of the statement or publication, there is no successor administrator that will continue to provide the JPY Recommended Rate; or
- (b) a public statement or publication of information by the regulatory supervisor for the administrator of the JPY Recommended Rate, the central bank for the currency of the JPY Recommended Rate, an insolvency official with jurisdiction over the administrator of the JPY Recommended Rate, a resolution authority with jurisdiction over the administrator of the JPY Recommended Rate or a court or an entity with similar insolvency or resolution authority over the administrator of the JPY Recommended Rate, which states that the administrator of the JPY Recommended Rate has ceased or will cease to provide the JPY Recommended Rate permanently or indefinitely, provided that, at the time of the statement or publication, there is no successor administrator that will continue to provide the JPY Recommended Rate;

**"TONA Index Cessation Effective Date"** means, in respect of TONA and a TONA Index Cessation Event, the first date on which TONA would ordinarily have been published or provided and is no longer published or provided;

**"TONA Index Cessation Event"** means, in respect of TONA:

- (a) a public statement or publication of information by or on behalf of the administrator of TONA announcing that it has ceased or will cease to provide TONA permanently or indefinitely, provided that, at the time of the statement or publication, there is no successor administrator that will continue to provide TONA; or
- (b) a public statement or publication of information by the regulatory supervisor for the administrator of TONA, the central bank for the currency of TONA, an insolvency official with jurisdiction over the administrator of TONA, a resolution authority with jurisdiction over the administrator of TONA or a court or an entity with similar insolvency or resolution authority over the administrator of TONA, which states that the administrator of TONA has ceased or will cease to provide TONA permanently or indefinitely, provided that, at the time of the statement or publication, there is no successor administrator that will continue to provide TONA; and

**"TONA Reference Time"** means, with respect to any determination of TONA, 10.00 a.m. (Tokyo time) on the Tokyo Banking Day immediately following the date of such determination.

- (e) Minimum and/or Maximum Interest Rate

In the event that the Rate of Interest in respect of such Interest Period determined in accordance with the provisions of Conditions 32(b)(ii), 32(b)(iii), 32(c)(ii) or 32(d) (as appropriate) is less than the

## TERMS AND CONDITIONS OF THE SECURITIES

Minimum Interest Rate specified in the applicable Final Terms, the Rate of Interest for such Interest Period shall be such Minimum Interest Rate.

If the applicable Final Terms specifies a Maximum Interest Rate for any Interest Period, then, in the event that the Rate of Interest in respect of such Interest Period determined in accordance with the provisions of Conditions 32(b)(ii), 32(b)(iii), 32(c)(ii) or 32(d) (as appropriate) is greater than such Maximum Interest Rate, the Rate of Interest for such Interest Period shall be such Maximum Interest Rate.

(f) Notification of Rate of Interest and Interest Amount

The Calculation Agent will cause the Rate of Interest and each Interest Amount for each Interest Period and the relevant Interest Payment Date to be notified to the Principal Security Agent or (in the case of CREST Dematerialised Certificates) the Euroclear Registrar, the Issuer and the Guarantor (such notifications to occur no later than the Business Day following such determination), and (in the case of Certificates which are listed on Euronext Paris and the rules of such stock exchange so require) Euronext Paris and, if applicable, to any other stock exchange on which the relevant Certificates are for the time being listed. In addition, the Calculation Agent shall publish or cause to be published such Rate of Interest, Interest Amount and Interest Payment Date in accordance with Condition 10 as soon as possible after their determination but in no event later than the fourth Paris Business Day thereafter. Each Interest Amount and Interest Payment Date so notified may subsequently be amended (or appropriate alternative arrangements made by way of adjustment) without prior notice in the event of an extension or shortening of the relevant Interest Period. Any such amendment or alternative arrangements will be promptly notified to each stock exchange on which the relevant Certificates are for the time being listed and to the Holders in accordance with Condition 10. For the purposes of the Terms and Conditions, the expression "**Paris Business Day**" means a day (other than a Saturday or a Sunday) on which commercial banks are open for business in Paris.

The determination of each Rate of Interest and Interest Amount, the obtaining of each quote and the making of each determination or calculation for the purposes of the provisions of this Condition 32 by the Calculation Agent shall (in the absence of manifest error) be final and binding upon all parties.

(g) Interest on Partly Paid Certificates

In the case of Partly Paid Certificates interest will accrue as aforesaid on the paid-up amount of such Certificates.

(h) Accrual of Interest

Each Certificate (or in the case of the redemption of part only of a Certificate, that part only of such Certificate) will cease to bear interest (if any) from the date for its redemption or exercise, as the case may be, unless such Certificate is redeemed early. If such Certificate is redeemed early, (i) if the applicable Final Terms specify that Accrual to Redemption is applicable, interest will cease to accrue on the due date for redemption or (ii) if the applicable Final Terms specify that Accrual to Redemption is not applicable, no interest shall accrue or be payable in respect of which the relevant payment date has not occurred on or prior to the due date for redemption of such Certificate, unless in either case payment of principal and/or delivery of all assets deliverable is improperly withheld or refused. In such event, interest will continue to accrue until whichever is the earlier of:

- (i) the date on which all amounts due in respect of such Certificate have been paid and/or all assets deliverable in respect of such Certificate have been delivered; and

## TERMS AND CONDITIONS OF THE SECURITIES

- (ii) five days after the date on which the full amount of the moneys payable in respect of such Certificate has been received by the Principal Security Agent and/or all assets in respect of such Certificate have been received by any agent appointed by the Issuer to deliver such assets to Holders and notice to that effect has been given to the Holders in accordance with Condition 10.

Where "Screen Rate Determination – SONIA", "Screen Rate Determination – SOFR", "Screen Rate Determination – €STR", "Screen Rate Determination – SARON" or "Screen Rate Determination – TONA" is specified in the applicable Final Terms, notwithstanding anything to contrary and save as set out in the Credit Security Conditions (in the case of Credit Securities), for the purposes of Condition 32 (*Interest*), if accrued interest is required to be calculated in respect of a period, which, but for this provision, would not be an Interest Period, notwithstanding anything to the contrary in the Conditions, for the purposes of calculating such interest, the final Interest Period End Date shall be the date such period ends on (but excludes) and the final Interest Determination Date shall be the earliest date on which the Calculation Agent determines that the Rate of Interest or Rate, as the case may be, for the final Interest Period can be determined.

### (i) Coupon Switch

If Coupon Switch is specified as applicable in the applicable Final Terms:

- (i) if Coupon Switch Election is specified as applicable in the applicable Final Terms, the Issuer may elect that the Rate of Interest or Premium Amount Rate, as applicable, in respect of the Certificates will be amended (a "**Coupon Switch**") from the Pre-Switch Coupon specified in the applicable Final Terms to the Post-Switch Coupon specified in the applicable Final Terms on and after the Coupon Switch Date; or
- (ii) if Automatic Coupon Switch is specified as applicable in the applicable Final Terms and an Automatic Coupon Switch Event occurs, the Rate of Interest or Premium Amount Rate, as applicable, in respect of the Certificates will be amended (a "**Coupon Switch**") from the Pre-Switch Coupon specified in the applicable Final Terms to the Post-Switch Coupon specified in the applicable Final Terms on and after the Coupon Switch Date immediately following the SPS ACS Valuation Date or SPS ACS Valuation Period, as applicable, on which the Automatic Coupon Switch Event occurs.

If Additional Switch Coupon is specified as applicable in the applicable Final Terms, following the occurrence of a Coupon Switch, an Additional Switch Coupon Amount will be payable on the Additional Switch Coupon Payment Date. The "**Additional Switch Coupon Amount**" in respect of each Certificate will be the amount specified as such in the applicable Final Terms. For the purposes of Conditions 34.13 and 36, the Additional Switch Coupon Amount will be deemed to be interest. For the avoidance of doubt, the Additional Switch Coupon Amount will only be paid on the single Additional Switch Coupon Payment Date.

Notice of any Coupon Switch will be given to Holders in accordance with Condition 10.

"**Additional Switch Coupon Payment Date**" means the date specified as such in the applicable Final Terms, which such date must be an Interest Payment Date;

"**Automatic Coupon Switch Event**" means that:

- (i) the SPS ACS Value is (a) "greater than", (b) "equal to or greater than", (c) "less than" or (d) "less than or equal to", as specified in the applicable Final Terms, the Automatic Coupon

## TERMS AND CONDITIONS OF THE SECURITIES

Switch Level, (x) on a SPS ACS Valuation Date or (y) in respect of a SPS ACS Valuation Period, as specified in the applicable Final Terms;

- (ii) if Digital Coupon or Snowball Digital Coupon is specified in the applicable Final Terms and Target Switch Coupon is specified as applicable in the applicable Final Terms, the number of times the Digital Coupon Condition or the Snowball Digital Coupon Condition, as the case may be, has been satisfied is equal to or greater than the Automatic Coupon Switch Level as of a SPS ACS Valuation Date; or
- (iii) if Digital Coupon or Snowball Digital Coupon is not specified in the applicable Final Terms and Target Switch Coupon is specified as applicable in the applicable Final Terms, the Cumulative ACS Coupon is equal to or greater than the Automatic Coupon Switch Level as of a SPS ACS Valuation Date.

**"Automatic Coupon Switch Level"** means the number, amount, level or percentage specified as such in the applicable Final Terms;

**"Coupon Switch Date"** means each date specified as such or determined pursuant to the provisions in the applicable Final Terms;

**"Cumulative ACS Coupon"** means, in respect of a SPS ACS Valuation Date, (a) the sum of the values calculated for each Interest Period preceding the Current ACS Interest Period as the product of (i) the Rate of Interest and (ii) if specified in the applicable Final Terms, the Day Count Fraction, in each case for such Interest Period, plus (b) the product of (i) the Rate of Interest and (ii) if specified in the applicable Final Terms, the Day Count Fraction, in each case for the Current ACS Interest Period;

**"Current ACS Interest Period"** means, in respect of a SPS ACS Valuation Date, the Interest Period during which such SPS ACS Valuation Date falls;

**"SPS ACS Valuation Date"** means each Averaging Date, Pricing Date, Underlying Interest Determination Date and/or Settlement Price Date specified as such in the applicable Final Terms; and

**"SPS ACS Valuation Period"** means each period specified as such in the applicable Final Terms.

**"SPS ACS Value"** means, in respect of a SPS ACS Valuation Date or a SPS ACS Valuation Period, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

### 33. PREMIUM AMOUNT

- 33.1 If so specified in the applicable Final Terms the Certificates will not bear or pay interest but will pay one or more premium amounts, each such premium amount representing an amount payable by the Issuer as compensation for, and in recognition of, the assumption of the risk that in certain circumstances the Cash Settlement Amount payable on redemption of the Certificates may be less than the Issue Price or even zero.
- 33.2 A premium amount may be a fixed amount ("**Fixed Premium Amount Certificates**"), a variable amount ("**Variable Premium Amount Certificates**") and/or an amount calculated by reference to the performance of one or more Index, Share, ETI Interest, Debt Instrument, Currency, Commodity, Inflation Index, Fund Share, Fund Index, Future or any other underlying security or any combination thereof in the manner specified in the applicable Final Terms (such Certificates, "**Linked Premium Amount Certificates**") and may be subject to a Minimum Premium Amount Rate or a Maximum Premium Amount Rate, as specified in the applicable Final Terms.

## TERMS AND CONDITIONS OF THE SECURITIES

33.3 Each Security will pay the Premium Amount on each Premium Amount Payment Date, provided that, if Automatic Early Redemption is specified as applicable in the applicable Final Terms, no Premium Amount will be payable unless the Premium Amount Payment Date falls on or prior to the Automatic Early Redemption Date.

33.4 The Premium Amount shall be paid as provided in Condition 35.1 (*Payments*).

33.5 Business Day Convention

If a Business Day Convention is specified in the applicable Final Terms as applying to a Premium Amount Payment Date and (i) if there is no numerically corresponding day in the calendar month in which a Premium Amount Payment Date should occur or (ii) if any Premium Amount Payment Date would otherwise fall on a day which is not a Business Day, then, if the Business Day Convention specified is:

- (i) the Following Business Day Convention, such Premium Amount Payment Date shall be postponed to the next day which is a Business Day; or
- (ii) the Modified Following Business Day Convention, such Premium Amount Payment Date, as the case may be, shall be postponed to the next day which is a Business Day unless it would thereby fall into the next calendar month, in which event such Premium Amount Payment Date, as the case may be, shall be brought forward to the immediately preceding Business Day; or
- (iii) the Preceding Business Day Convention, such Premium Amount Payment Date, as the case may be, shall be brought forward to the immediately preceding Business Day.

33.6 Definitions relating to Premium Amount(s)

**"Premium Amount"** means, in respect of a Premium Amount Payment Date and a Certificate:

- (i) in respect of Fixed Premium Amount Certificates, the amount specified in the applicable Final Terms;
- (ii) in respect of Variable Premium Amount Certificates, an amount calculated by the Calculation Agent equal to the Notional Amount x the Premium Amount Rate x the Day Count Fraction specified in the applicable Final Terms, and rounding the resultant figure to the nearest sub-unit of the relevant Settlement Currency, half of any such sub-unit being rounded upwards or otherwise in accordance with applicable market convention; or
- (iii) in respect of Linked Premium Amount Certificates, an amount calculated by the Calculation Agent equal to the Notional Amount x the Premium Amount Rate and, if a Day Count Fraction is specified in the applicable Final Terms, multiplying such sum by the applicable Day Count Fraction, and rounding the resultant figure to the nearest sub-unit of the relevant Settlement Currency, half of any such sub-unit being rounded upwards or otherwise in accordance with applicable market convention,

in each case, if the resulting amount is not an amount in the Settlement Currency it will be converted into the Settlement Currency at the Exchange Rate specified in the applicable Final Terms;

**"Premium Amount Commencement Date"** means the date specified as such in the applicable Final Terms or, if no such date is specified, the Issue Date;

**"Premium Amount Payment Date"** means each date specified as such in the applicable Final Terms; and

**"Premium Amount Period"** means the period from (and including) the Issue Date to (but excluding) the first Premium Amount Payment Date and each following period from (and including) a Premium Amount Payment Date to (but excluding) the next occurring Premium Amount Payment Date.

## TERMS AND CONDITIONS OF THE SECURITIES

References in these Conditions to "Interest Commencement Date", "Interest Determination Date", "Interest Period", "Interest Valuation Time" or "Interest Valuation Date" will, in the case of Variable Premium Amount Certificates or Linked Premium Amount Certificates, as the case may be, be deemed to be references to "Premium Amount Commencement Date", "Premium Amount Determination Date", "Premium Amount Period", "Premium Amount Valuation Time" or "Premium Amount Valuation Date", as applicable.

- 33.7 The Calculation Agent will cause each Premium Amount for each Premium Amount Payment Date to be notified to the Principal Security Agent or (in the case of CREST Dematerialised Certificates) the Euroclear Registrar, the Issuer and the Guarantor, if any, (such notifications to occur no later than the Business Day following such determination), and (in the case of Certificates which are listed on Euronext Paris and the rules of such stock exchange so require) Euronext Paris and, if applicable, to any other stock exchange on which the relevant Certificates are for the time being listed. In addition, the Calculation Agent shall publish or cause to be published such Premium Amount in accordance with Condition 10 as soon as possible after their determination but in no event later than the fourth Paris Business Day thereafter.

### 33.8 Linear Interpolation

Where the Certificates are Variable Premium Amount Certificates and Linear Interpolation is specified as applicable in respect of a Premium Amount Period in the applicable Final Terms, the Premium Amount Rate for such Premium Amount Period shall be calculated by the Calculation Agent by straight line linear interpolation by reference to two rates based on the relevant Reference Rate (where Screen Rate Determination is specified as applicable in the applicable Final Terms), the FBF Rate (where FBF Determination is specified as applicable in the applicable Final Terms) or the relevant Floating Rate Option (where ISDA Determination is specified as applicable in the applicable Final Terms), one of which shall be determined as if the Designated Maturity were the period of time for which rates are available next shorter than the length of the relevant Premium Amount Period and the other of which shall be determined as if the Designated Maturity were the period of time for which rates are available next longer than the length of the relevant Premium Amount Period, provided however that if there is no rate available for a period of time next shorter or, as the case may be, next longer, then the Calculation Agent shall determine such rate at such time and by reference to such sources as it determines appropriate.

**"Designated Maturity"** means (i) in relation to Screen Rate Determination, the period of time designated in the Reference Rate or (ii) in relation to FBF Determination, the period of time specified in the relevant FBF Rate.

### 33.9 Minimum and/or Maximum Premium Amount Rate

If the applicable Final Terms specifies a Minimum Premium Amount Rate for any Premium Amount Period, then, in the event that the Premium Amount Rate in respect of such Premium Amount Period is less than such Minimum Premium Amount Rate, the Premium Amount Rate for such Interest Period shall be such Minimum Premium Amount Rate.

If the applicable Final Terms specifies a Maximum Premium Amount Rate for any Premium Amount Period, then, in the event that the Premium Amount Rate in respect of such Premium Amount Period is greater than such Maximum Premium Amount Rate, the Premium Amount Rate for such Premium Amount Period shall be the Maximum Premium Amount Rate.

## 34. REDEMPTION AND EXERCISE

### 34.1 General

Other than in the case of Exercisable Certificates or Open End Certificates, and unless a Certificate has previously been redeemed or purchased and cancelled, subject as provided in these Terms and Conditions, each Certificate (other than a Credit Certificate) will be redeemed by the Issuer:

## TERMS AND CONDITIONS OF THE SECURITIES

- (a) in the case of a Cash Settled Certificate, by payment of the Cash Settlement Amount;
- (b) in the case of a Physical Delivery Certificate, subject as provided in Condition 5 and Condition 35, by delivery of the Entitlement; or
- (c) in the case of Certificates which may either be Cash Settled Certificates or Physical Delivery Certificates, depending on whether certain conditions are met, either (i) by payment of the Cash Settlement Amount or (ii) subject as provided in Condition 5 and Condition 35, by delivery of the Entitlement,

such redemption to occur in either case, subject as provided below, on the date falling on the fifth Business Day following the Valuation Date, unless specified otherwise in the applicable Final Terms (the "**Redemption Date**"). If (i) the date for payment of any amount in respect of the Certificates is not a Business Day, the holder thereof shall not be entitled to payment until the next following Business Day and shall not be entitled to any further payment in respect of such delay or (ii) the date for delivery of any Entitlement in respect of the Certificates is not a Settlement Business Day (as defined in Condition 5.1 above), the Holder thereof shall not be entitled to delivery of the Entitlement until the next following Settlement Business Day.

The Certificates may also be subject to automatic early redemption upon the occurrence of an Automatic Early Redemption Event, as defined in and in accordance with the provisions of Condition 34.9 if specified in the applicable Final Terms

### 34.2 Credit Certificates

Subject as provided in these Terms and Conditions and as specified in the applicable Final Terms, each Credit Certificate will be redeemed by the Issuer by payment of the Cash Settlement Amount such redemption to occur on the Redemption Date specified in the applicable Final Terms subject as provided in Annex 12. If the date for payment of any amount in respect of the Certificates is not a Business Day, the holder thereof shall not be entitled to payment until the next following Business Day and shall not be entitled to any payment in respect of such delay.

### 34.3 Issuer Call Option

If Issuer Call Option is specified in the applicable Final Terms, unless the Certificates have previously been redeemed or purchased and cancelled or (if Holder Put Option is specified in the applicable Final Terms) notice has been given to the Issuer in accordance with Condition 34.4, the Issuer may, having given:

- (a) except in the case of Certificates represented by Private Placement Definitive Certificates and Certificates represented by a Rule 144A Global Certificate held by a Custodian on behalf of DTC, not less than the minimum notice period nor more than the maximum notice period specified in the applicable Final Terms (the "**Notice Period**") notice to the Holders in accordance with Condition 10 and, in the case of Certificates represented by Private Placement Definitive Certificates and Certificates represented by a Rule 144A Global Certificate held by a Custodian on behalf of DTC, not less than 30 nor more than 45 days' notice to the Holders in accordance with Condition 10; and
- (b) not less than 15 days (or such Notice Period specified in the applicable Final Terms) before the giving of the notice referred to in (a), notice to the relevant Security Agent or, in the case of CREST Dematerialised Certificates, not less than 45 days' notice to the Euroclear Registrar,

(which notices shall be irrevocable and shall specify the date fixed for redemption), redeem all or some only of the Certificates then outstanding at the Optional Redemption Amount on the Optional Redemption Date specified in the applicable Final Terms together, if applicable, with interest accrued to (but excluding) the relevant Optional Redemption Date.



## TERMS AND CONDITIONS OF THE SECURITIES

The "**Optional Redemption Amount**" in respect of each Certificate shall be an amount in the Settlement Currency calculated by the Calculation Agent equal to:

(i) Notional Amount x the percentage or (ii) the Call Payout as specified in the applicable Final Terms,

Provided That (i) if the product of the Call Payout is zero, no amount shall be payable on redemption of such Certificate and (ii) if the Optional Redemption Amount is not an amount in the Settlement Currency, if specified in the applicable Final Terms, it will be converted into the Settlement Currency at the Exchange Rate specified in the applicable Final Terms.

In the case of a partial redemption of Certificates (other than CREST Dematerialised Certificates), the rights of Holders of Certificates represented by a Global Certificate, or Holders of Italian Dematerialised Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Securities, Finnish Dematerialised Securities, Norwegian Dematerialised Certificates or Polish Dematerialised Certificates will, be governed by the standard procedures of Euroclear, Clearstream Luxembourg, Euroclear France, DTC, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway or KDPW Poland, as applicable, or any relevant Clearing System (as the case may be). With respect to Certificates represented by Private Placement Definitive Certificates, the Definitive Security Agent will select the Certificates to be redeemed individually by lot, not more than 45 days prior to the date fixed for redemption, and give notice to Holders, in accordance with Condition 10, of the serial numbers of the Certificates to be redeemed not less than 15 days prior to the date fixed for redemption. Private Placement Definitive Certificates may only be redeemed in minimum amounts of U.S.\$250,000 or more, and the remaining unredeemed portion thereof must be at least U.S.\$250,000. So long as the Certificates are listed on the official list of Euronext Paris ("**Euronext Paris**") and admitted to trading on the regulated market of Euronext Paris and the rules of that stock exchange so require, the Issuer shall, once in each year in which there has been a partial redemption of the Certificates, cause to be published on the website of Euronext Paris ([www.euronext.com](http://www.euronext.com)) a notice specifying the aggregate nominal amount of Certificates outstanding. In the case of a partial redemption of CREST Dematerialised Certificates, the notice to Holders referred to in this Condition 34.3 shall specify any procedures for partial redemption laid down in the then applicable Uncertificated Securities Regulations.

### 34.4 Holder Put Option

Unless the Certificates have previously been redeemed or purchased and cancelled or (if Issuer Call Option is specified in the applicable Final Terms) notice has been given to the Holders in accordance with Condition 34.3 if (i) Holder Put Option is specified in the applicable Final Terms, (ii) "Maturity Extension" is specified as applicable in the applicable Final Terms and the Issuer duly gives a Maturity Extension Notice and/or (iii) "Reverse Split" is specified as applicable in the applicable Final Terms and the Issuer duly gives a Reverse Split Notice, upon the Holder of any Certificate giving to the Issuer not less than the minimum notice period nor more than the maximum notice period notice specified in the applicable Final Terms (the "**Notice Period**") the Issuer will, upon the expiry of such notice, redeem, subject to, and in accordance with, the terms specified in the applicable Final Terms, in whole (but not in part), such Certificate at the Optional Redemption Amount on the relevant Optional Redemption Date together, if applicable, with interest accrued to (but excluding) the Optional Redemption Date.

The "**Optional Redemption Amount**" in respect of each Certificate shall be an amount in the Settlement Currency calculated by the Calculation Agent equal to:

- (i) Notional Amount x the percentage; or
- (ii) the Put Payout, as specified in the applicable Final Terms,

Provided That (i) if the product of the Put Payout is zero, no amount shall be payable on redemption of such Certificate and (ii) if the Optional Redemption Amount is not an amount in the Settlement Currency, if specified

## TERMS AND CONDITIONS OF THE SECURITIES

in the applicable Final Terms, it will be converted into the Settlement Currency at the Exchange Rate specified in the applicable Final Terms.

If the Certificate is held outside DTC, Euroclear and Clearstream, Luxembourg, Euroclear France and/or any other relevant Clearing System, other than in the case of CREST Dematerialised Certificates, to exercise the right to require redemption of the Certificate the Holder of the Certificate must deliver at the specified office of any Security Agent or the Registrar at any time during normal business hours of such Registrar or Security Agent falling within the Notice Period, a duly completed and signed notice of exercise in the form (for the time being current) obtainable from any specified office of any Security Agent (a "**Put Notice**") and in which the Holder must specify a bank account (or, if payment is required to be made by cheque, an address) to which payment is to be made under this Condition 34.4, accompanied by the Certificate or evidence satisfactory to the Security Agent concerned that the Certificate will, following delivery of the Put Notice, be held to its order or under its control in a manner reasonably satisfactory to the Security Agent concerned. If the Certificates are CREST Dematerialised Certificates, to exercise the right to require redemption of the Certificate, the Holder of the Certificate must, not less than 30 nor more than 60 days before the Optional Redemption Date, deposit with the Euroclear Registrar a duly completed Put Notice in the form obtainable from the Euroclear Registrar and in accordance with the Uncertificated Securities Regulations. If the Certificate is held through DTC, Euroclear or Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System, to exercise the right to require redemption of the Certificate the Holder of the Certificate must, within the Notice Period, give notice to the Security Agent concerned of such exercise in accordance with the standard procedures of DTC, Euroclear and Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System (which may include notice being given on such Holder's instruction by DTC, Euroclear or Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System or any common depositary for them to the Security Agent by electronic means) in a form acceptable to DTC, Euroclear and Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System from time to time. In the case of Finnish Dematerialised Certificates, in order to exercise this option the Holder must transfer or procure the transfer of the relevant Certificates to the account designed by the Finnish Security Agent and procure that such account is blocked for further transfer on or prior to the Optional Redemption Date. Any Put Notice given by a Holder of any Certificate pursuant to this Condition 34.4 shall be irrevocable. In the case of CBF Certificates, the relevant Holder must also deliver to the Frankfurt Certificate Agent the CBF Certificates to which such Put Notice relates and failure to deliver such CBF Certificates at or prior to the time such Put Notice is delivered shall render such Put Notice null and void.

### 34.5 Redemption in Instalments

If the applicable Final Terms specify that the Certificates are Instalment Certificates, each Certificate will be redeemed in the Instalment Amounts and on the Instalment Dates specified in the applicable Final Terms.

If the applicable Final Terms specify that the Instalment Certificates are Instalment Certificates (with NA Adjustment), each Certificate will be redeemed (i) in part by payment of the relevant Instalment Amount on each Instalment Date and (ii) with final redemption being made pursuant to Condition 34.1 (General – Redemption). The Instalment Amount in respect of an Instalment Date will be an amount calculated by the Calculation Agent equal to the product of the Notional Amount immediately prior to such Instalment Date and the relevant Instalment Percentage specified in the applicable Final Terms in respect of such Instalment Date. Following each Instalment Date, the Notional Amount shall be reduced by the Instalment Amount and all calculations and determinations in respect of the Certificates shall be made on the basis of the Notional Amount as so reduced.

## TERMS AND CONDITIONS OF THE SECURITIES

If the applicable Final Terms specify that the Instalment Certificates are Instalment Certificates (with Original NA), each Certificate will be redeemed (i) in part by payment of the relevant Instalment Amount on each Instalment Date and (ii) with final redemption being made pursuant to Condition 34.1 (General – Redemption). The Instalment Amount in respect of an Instalment Date will be an amount calculated by the Calculation Agent equal to the product of the original Notional Amount as of the Issue Date ("**ONA**") and the relevant Instalment Percentage specified in the applicable Final Terms in respect of such Instalment Date. Following each Instalment Date, the Notional Amount shall be reduced by the relevant Instalment Amount and, save for the calculation of the Instalment Amount, all calculations and determinations in respect of the Certificates shall be made on the basis of the Notional Amount as so reduced.

### 34.6 Redemption of Partly Paid Certificates

Partly Paid Certificates will be redeemed in accordance with the provisions set out in the applicable Final Terms.

### 34.7 Exercise of Certificates

#### (a) Cash Settled Exercisable Certificates

If the Certificates are Cash Settled Certificates and Exercise of Certificates is specified as applicable in the applicable Final Terms, the Certificates (such Certificates "**Cash Settled Exercisable Certificates**") will be automatically exercised on the Exercise Date, or, if Multiple Exercise is specified as applicable in the applicable Final Terms, each Exercise Date subject as provided in the following paragraph and, in the case of Credit Certificates, to the provisions of Annex 12. Upon automatic exercise each Certificate entitles its Holder to receive from the Issuer the Cash Settlement Amount on the Exercise Settlement Date or, if Multiple Exercise is specified as applicable in the applicable Final Terms, the relevant Exercise Settlement Date.

#### (b) Physical Delivery Exercisable Certificates

If the Certificates are Physical Delivery Certificates and Exercise of Certificates is specified as applicable in the applicable Final Terms, the Certificates (such Certificates "**Physical Delivery Exercisable Certificates**" and, together with Cash Settled Exercisable Certificates, "**Exercisable Certificates**") are only exercisable on the Exercise Date. In respect of each Physical Delivery Exercisable Certificate, upon due exercise as provided in Condition 35.2(b) and subject as provided therein, each Holder is entitled to receive from the Issuer the Entitlement on the Exercise Settlement Date (such date, subject to adjustment in accordance with the Conditions, the "**Delivery Date**"), subject to payment of any sums payable. The method of delivery of the Entitlement will be as set out in the applicable Final Terms. If no Exercise Notice in respect of a Certificate has been delivered at or prior to 10.00 a.m. (Milan time) on the Exercise Date, such Certificate will become void.

### 34.8 Open End Certificates

If "Open End" is specified as applicable in the relevant Final Terms, unless the Certificates have previously been redeemed or purchased and cancelled:

- (i) unless the Securities are specified as "Put/Call Open End Certificates" in the applicable Final Terms, each Certificate will be redeemed by the Issuer by payment of the Cash Settlement Amount on the Redemption Date of such Open End Certificates, which will, notwithstanding any provision to the contrary, be the date falling (5) five Business Days after the relevant Averaging Date, Observation Date, Strike Date or, as applicable, Valuation Date determined by the Issuer, provided that the relevant Averaging Date, Observation Date, Strike Date or Valuation Date so-determined by the Issuer is notified to the Holders at the latest ten (10) Business Days prior to the contemplated date in accordance with Condition 10; or

## TERMS AND CONDITIONS OF THE SECURITIES

- (ii) if the Securities are specified as "Put/Call Open End Certificates" in the applicable Final Terms, each Certificate will be redeemed in accordance with the provisions of Condition 34.3 or Condition 34.4, as the case may be.

If the date for payment of any amount in respect of the Certificates is not a Business Day, the holder thereof shall not be entitled to payment until the next following Business Day and shall not be entitled to any further payment in respect of such delay.

### 34.9 Automatic Early Redemption

This Condition 34.9 applies to Index Securities, Share Securities, Debt Securities, ETI Securities, Currency Securities, Commodity Securities, Futures Securities and, if FI Underlying Automatic Early Redemption is specified as applicable in the applicable Final Terms, Underlying Interest Rate Securities only.

- (a) Unless Condition 34.9(d) below applies, if "Automatic Early Redemption" is specified as applicable in the applicable Final Terms, then unless previously redeemed or purchased and cancelled, if on (i) any Automatic Early Redemption Valuation Date or (ii) in respect of an Automatic Early Redemption Valuation Period, as specified in the applicable Final Terms, an Automatic Early Redemption Event occurs, then the Certificates will be automatically redeemed in whole, but not in part, on the Automatic Early Redemption Date and the amount (if any) payable by the Issuer on such date upon redemption of each Certificate shall be equal to the relevant Automatic Early Redemption Amount.
- (b) Notwithstanding Condition 34.9(a), an Automatic Early Redemption Event 1 may only occur on an AER 1 Redemption Valuation Date or in respect of an AER 1 Redemption Valuation Period and an Automatic Early Redemption Event 2 may only occur on an AER 2 Redemption Valuation Date or in respect of an AER 2 Redemption Valuation Period.
- (c) If the Securities are Physical Delivery Securities and "Automatic Early Redemption" and "SPS Accumulator AER Payout" are specified as applicable in the applicable Final Terms, then unless previously redeemed or purchased and cancelled, if on (i) any Automatic Early Redemption Valuation Date or (ii) in respect of an Automatic Early Redemption Valuation Period, as specified in the applicable Final Terms, an Automatic Early Redemption Event occurs, then the Securities will be automatically redeemed in whole, but not in part, on the Automatic Early Redemption Date and the Issuer shall redeem the Securities by delivery of the AER Entitlement, subject as provided in Condition 35.2. If the date for delivery of any Entitlement in respect of the Certificates is not a Settlement Business Day, the Holder thereof shall not be entitled to delivery of the AER Entitlement until the next following Settlement Business Day. If this Condition 34.9(c) applies, the provisions of Conditions 4, 5.1, 5.4, 11, 15 and 37.1(b) shall apply *mutatis mutandis* as if references in such provisions to:
  - (i) "Entitlement" were to "AER Entitlement"; and
  - (ii) "Redemption Date" were to "Automatic Early Redemption Date".
- (d) Definitions relating to Automatic Early Redemption

**"AER Event 1 Underlying(s)"** means the Underlying Reference or each Underlying Reference comprising the Basket, in each case specified as such in the applicable Final Terms;

**"AER Event 2 Underlying(s)"** means the Underlying References or each Underlying Reference comprising the Basket, in each case specified as such in the applicable Final Terms;

**"AER Entitlement"** means the quantity of the Relevant Asset or the Relevant Assets, as the case may be, which a Holder is entitled to receive on the Automatic Early Redemption Date in respect of each Certificate following payment of any sums payable (including Expenses as defined in Condition 11) rounded down as provided in

## TERMS AND CONDITIONS OF THE SECURITIES

Condition 35.2(c) as determined by the Calculation Agent including any documents evidencing such AER Entitlement, plus a cash amount (as provided herein), which amount will be the Automatic Early Entitlement Amount specified in the applicable Final Terms;

**"AER Knock-out"** means the occurrence (such date of occurrence **"AER Knock-out Date"**) of a Knock-out Event and/or a Knock-in Event as specified in the applicable Final Terms;

**"AER Rate"** means the rate specified as such or determined in the manner set out in the applicable Final Terms;

**"Automatic Early Redemption Amount"** means an amount equal to the Automatic Early Redemption Payout set out in the applicable Final Terms or, if not set out, an amount equal to the product of (i) the Notional Amount in respect of such Certificate and (ii) the sum of the relevant Automatic Early Redemption Percentage and the relevant AER Rate relating to that Automatic Early Redemption Date provided that if the product of the Automatic Early Redemption Payout is zero, no amount shall be payable on redemption of the Certificate pursuant to this Condition. If the Automatic Early Redemption Amount is not an amount in the Settlement Currency if specified in the applicable Final Terms, it will be converted into the Settlement Currency at the Exchange Rate specified in the applicable Final Terms;

**"Automatic Early Redemption Date"** means (i) if Target Automatic Early Redemption, FI Underlying Automatic Early Redemption or FI Coupon Automatic Early Redemption is specified as applicable in the applicable Final Terms, the Interest Payment Date immediately following the Automatic Early Redemption Valuation Date on which an Automatic Early Redemption Event occurs, or, otherwise, (ii) each date specified as such in the applicable Final Terms, or if such date is not a Business Day, the next following Business Day, and no Holder shall be entitled to any interest or further payment in respect of such delay;

**"Automatic Early Redemption Event"** means:

- (a) if Target Automatic Early Redemption is specified as applicable in the applicable Final Terms, that the Cumulative Coupon is equal to or greater than the Automatic Early Redemption Percentage;
- (b) if FI Underlying Automatic Early Redemption is specified as applicable in the applicable Final Terms, that:
  - (i) (in respect of an Underlying Reference (other than a Subject Currency)) the Underlying Reference Level is; or
  - (ii) (in respect of a Subject Currency), the FX Coupon Performance determined by the Calculation Agent is
    - (i) equal to or greater than the Automatic Early Redemption Level 1 and (ii) less than or equal to the Automatic Early Redemption Level 2;
- (c) if FI Coupon Automatic Early Redemption is specified as applicable in the applicable Final Terms, that the product of (i) the Rate of Interest and (ii) the Day Count Fraction, in each case in respect of the Current Interest Period is equal to or greater than the Automatic Early Redemption Percentage;
- (d) if Standard Automatic Early Redemption and SPS AER Valuation are specified as applicable in the applicable Final Terms, that:
  - (i) the SPS AER Value 1 in respect of the AER Event 1 Underlying(s) is (aa) "greater than", (bb) "greater than or equal to", (cc) "less than" or (dd) "less than or equal to" the Automatic Early Redemption Level 1 as specified in the applicable Final Terms (the **"Automatic Early Redemption Event 1"**); and/or (as specified in the applicable Final Terms)

## TERMS AND CONDITIONS OF THE SECURITIES

- (ii) if Automatic Early Redemption Event 2 is specified as applicable in the applicable Final Terms, the SPS AER Value 2 in respect of the AER Event 2 Underlying(s) is (aa) "greater than", (bb) "greater than or equal to", (cc) "less than" or (dd) "less than or equal to" the Automatic Early Redemption Level 2 as specified in the applicable Final Terms (the "**Automatic Early Redemption Event 2**");
- (e) if Standard Automatic Early Redemption is specified as applicable in the applicable Final Terms and SPS AER Valuation is specified as not applicable in the applicable Final Terms that:
  - (i) (A) if AER Event 1 Basket is specified as not applicable in the applicable Final Terms, the Underlying Reference Level 1 or (B) if AER Event 1 Basket is specified as applicable in the applicable Final Terms, the Basket Price 1 is, (aa) "greater than", (bb) "greater than or equal to", (cc) "less than" or (dd) "less than or equal to" the Automatic Early Redemption Level 1, as specified in the applicable Final Terms (the "**Automatic Early Redemption Event 1**"); and/or (as specified in the applicable Final Terms)
  - (ii) if Automatic Early Redemption Event 2 is specified as applicable in the applicable Final Terms (A) if AER Event 2 Basket is specified as not applicable in the applicable Final Terms, the Underlying Reference Level 2 or (B) if AER Event 2 Basket is specified as applicable in the applicable Final Terms, the Basket Price 2 is, (aa) "greater than", (bb) "greater than or equal to", (cc) "less than" or (dd) "less than or equal to" the Automatic Early Redemption Level 2 as specified in the applicable Final Terms (the "**Automatic Early Redemption Event 2**");
- (f) if Single Standard Automatic Early Redemption and SPS AER Valuation are specified as applicable in the applicable Final Terms, that the SPS AER Value is (aa) "greater than", (bb) "greater than or equal to", (cc) "less than" or (dd) "less than or equal to" the Automatic Early Redemption Level, as specified in the applicable Final Terms;
- (g) if Single Standard Automatic Early Redemption is specified as applicable in the applicable Final Terms and SPS AER Valuation is specified as not applicable in the applicable Final Terms that (A) in the case of a single Underlying Reference, the Underlying Reference Level or (B) in the case of a Basket of Underlying References, the Basket Price is, (aa) "greater than", (bb) "greater than or equal to", (cc) "less than" or (dd) "less than or equal to" the Automatic Early Redemption Level as specified in the applicable Final Terms;
- (h) if AER Knock-out is specified in the applicable Final Terms, an AER Knock-out occurs; or
- (i) if Digital Coupon or Snowball Digital Coupon is specified in the applicable Final Terms and SPS Target Automatic Early Redemption Event is specified in the applicable Final Terms, the number of times the Digital Coupon Condition or Snowball Digital Coupon Condition, as the case may be, has been satisfied is equal to or greater than the Automatic Early Redemption Level as of an Automatic Early Redemption Valuation Date.

"**Automatic Early Redemption Level**" means the level, amount, number or percentage specified as such in the applicable Final Terms, subject to adjustment from time to time in accordance with the provisions set forth in the Relevant Adjustment Provisions, as applicable;

"**Automatic Early Redemption Level 1**" means the level, amount, number or percentage specified as such in the applicable Final Terms, subject to adjustment from time to time in accordance with the provisions set forth in the Relevant Adjustment Provisions, as applicable;

## TERMS AND CONDITIONS OF THE SECURITIES

**"Automatic Early Redemption Level 2"** means the level, amount, number or percentage specified as such in the applicable Final Terms, subject to adjustment from time to time in accordance with the provisions set forth in the Relevant Adjustment Provisions, as applicable;

**"Automatic Early Redemption Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Automatic Early Redemption Valuation Date"** means (i) the AER Knock-out Date or (ii) each date specified as such in the applicable Final Terms (including the AER 1 Redemption Valuation Date and AER 2 Redemption Valuation Date (if any)) or, if such date is not a Scheduled Trading Day (in the case of Index Securities (other than Custom Index Securities), Share Securities, Debt Securities or ETI Securities, a Scheduled Custom Index Business Day (in respect of Custom Index Securities), a Commodity Business Day (in respect of Commodity Securities), a Fund Business Day (in the case of Fund Securities (other than where the Fund is a Euro Fund)) or Business Day (in the case of other Securities), as applicable, the next following Scheduled Trading Day, Scheduled Custom Index Business Day, Commodity Business Day, Fund Business Day or Business Day, as applicable, unless, in the case of Index Securities, Share Securities, Commodity Securities, Debt Securities or ETI Securities, in the opinion of the Calculation Agent, any such day is a Disrupted Day (in the case of Index Securities (other than Custom Index Securities), Share Securities, Debt Securities or ETI Securities, a Custom Index Disruption Event is occurring on such day (in respect of Custom Index Securities) or a Market Disruption Event is occurring on such day (in respect of Commodity Securities). If any such day is a Disrupted Day, a day on which a Custom Index Disruption Event is occurring or (except in the case of Commodity Securities) a day on which a Market Disruption Event is occurring, as applicable, then the corresponding provisions in the definition of "Valuation Date" shall apply *mutatis mutandis* as if references in such provisions to "Valuation Date" were to "Automatic Early Redemption Valuation Date" or (in the case of Commodity Securities) if any such day is a day on which a Market Disruption Event is occurring, then the provisions of "Pricing Date" shall apply *mutatis mutandis* as if references in such provision to "Pricing Date" were to "Automatic Early Redemption Valuation Date". For the purposes of the Relevant Adjustment Provisions, any references to "Valuation Date" shall be deemed to refer to the "Automatic Early Redemption Valuation Date";

**"Automatic Early Redemption Valuation Period"** means the period (including the AER 1 Redemption Valuation Period and AER 2 Redemption Valuation Period (if any)) specified as such in the applicable Final Terms;

**"Automatic Early Redemption Valuation Time"** means the time specified as such in the applicable Final Terms;

**"Basket of Underlying References"** means, for the purposes of this Condition 34.9, the Basket of Indices, Basket of Shares, ETI Basket, Basket of Debt Instruments, Basket of Commodities, Basket of Futures or other basis of reference to which the value of the relevant Securities may relate, as specified in the applicable Final Terms;

**"Basket Price 1"** means, in respect of any AER 1 Redemption Valuation Date, an amount determined by the Calculation Agent equal to the sum of the values for each AER Event 1 Underlying comprising the Basket as the product of (a) the Underlying Reference Level 1 of such AER Event 1 Underlying on such AER 1 Redemption Valuation Date and (b) the relevant Weighting;

**"Basket Price 2"** means, in respect of any AER 2 Redemption Valuation Date, an amount determined by the Calculation Agent equal to the sum of the values for each AER Event 2 Underlying comprising the Basket as the product of (a) the Underlying Reference Level 2 of such AER Event 2 Underlying on such AER 2 Redemption Valuation Date and (b) the relevant Weighting;

**"Cumulative Coupon"** means, in respect of an Automatic Early Redemption Valuation Date, (a) the sum of the values calculated for each Interest Period preceding the Current Interest Period as the product of (i) the Rate of

## TERMS AND CONDITIONS OF THE SECURITIES

Interest and (ii) if specified in the applicable Final Terms, the Day Count Fraction, in each case for such Interest Period plus (b) the product of (i) the Rate of Interest and (ii) if specified in the applicable Final Terms, the Day Count Fraction, in each case for the Current Interest Period;

**"Current Interest Period"** means, in respect of an Automatic Early Redemption Valuation Date, the Interest Period during which such Automatic Early Redemption Valuation Date falls;

**"Multiple Underlying Interest Rate Gearing"** means, in respect of an Underlying Interest Rate<sub>(i)</sub> specified in the applicable Final Terms as a Multiple Underlying Component Rate, the number specified as such in the applicable Final Terms;

**"Multiple Underlying Reference Rate"** means, in respect of an Underlying Interest Rate<sub>(i)</sub> specified in the applicable Final Terms as a Multiple Underlying Component Rate, the Underlying Reference Rate determined in respect of such Underlying Interest Rate;

**"Multiple Underlying Reference Rate Value"** means the value calculated in accordance with the following formula:

$$\sum_{i=1}^n \text{Multiple Underlying Interest Rate Gearing}_{(i)} \times \text{Multiple Underlying Reference Rate}_{(i)}$$

**"Observation Price Source"** means the source specified as such in the applicable Final Terms;

**"Relevant Adjustment Provisions"** means:

- (a) in the case of Index Securities, Index Security Condition 2 (Market Disruption) and Index Security Condition 3 (Adjustments to an Index);
- (b) in the case of Custom Index Securities, Index Security Condition 6 (Adjustments to a Custom Index and Custom Index Disruption);
- (c) in the case of Share Securities, Share Security Condition 2 (Market Disruption), Share Security Condition 3 (Potential Adjustment Events) and Share Security Condition 4 (Extraordinary Events);
- (d) in the case of ETI Securities, ETI Security Condition 2 (Market Disruption) and ETI Security Condition 3 (Potential Adjustment Events);
- (e) in the case of Commodity Securities, Commodity Security Condition 2 (Market Disruption), Commodity Security Condition 3 (Consequences of a Market Disruption Event and Disruption Fallbacks) and Commodity Security Condition 4 (Adjustments to a Commodity Index);
- (f) in the case of Currency Securities, Currency Security Condition 3 (Consequences of a Disruption Event);
- (g) in the case of Futures Securities, Futures Security Condition 3 (Adjustments to a Future); and
- (h) in the case of Debt Securities, Debt Security Condition 3 (Market Disruption), Debt Security Condition 4 (Correction of Debt Instrument Price) and Debt Security Condition 5 (Redemption or Cancellation of a Debt Instrument);

**"SPS AER Value"** means, in respect of an Automatic Early Redemption Valuation Date, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;



## TERMS AND CONDITIONS OF THE SECURITIES

**"SPS AER Value 1"** means, in respect of an Automatic Early Redemption Valuation Date, the value from Payout Condition 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

**"SPS AER Value 2"** means, in respect of an Automatic Early Redemption Valuation Date, the value specified from Payout Condition 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

**"Underlying Reference"** means, for the purposes of this Condition 34.9 each Index, Custom Index, Share, Debt Instrument, ETI Interest, Commodity, Commodity Index, Subject Currency, Future, Fund, Fund Index, Underlying Interest Rate or other basis of reference to which the relevant Securities relate. If two or more Underlying Interest Rates are specified in the applicable Final Terms as Multiple Underlying Component Rates each Underlying Interest Rate<sup>(i)</sup> specified as such (together the **"Multiple Underlying Interest Rate"**) will be calculated separately and independently but for the purposes of this Condition 34.9 and the Underlying Interest Rate Security Conditions shall be deemed to together constitute an Underlying Reference;

**"Underlying Reference Level"** means, in respect of any Automatic Early Redemption Valuation Date, (i) "official level", "official close", "last price", "bid price" or "asked price" of the Underlying Reference or the Italian Securities Reference Price, as specified in the applicable Final Terms published by the Observation Price Source or (ii) if Standard Price is specified as applicable in the applicable Final Terms (a) in the case of Share Securities, ETI Securities and Futures Securities, the price of the relevant Underlying Reference, (b) in the case of Index Securities and Custom Index Securities, the level of the relevant Underlying Reference, (c) in the case of Commodity Securities, the Relevant Price, (d) in the case of Currency Securities, the spot rate of exchange for the exchange of the Subject Currency into the Base Currency (expressed as the number of units (or part units) of such Subject Currency for which one unit of the Base Currency can be exchanged), (e) in the case of an Inflation Index, the Relevant Level, (f) in the case of an Underlying Interest Rate, the Underlying Reference Rate or (g) if FI Underlying Automatic Early Redemption is specified as applicable in the applicable Final Terms and Multiple Underlying Interest Rate is specified as applicable, the Multiple Underlying Reference Rate Value, in each case, as determined by the Calculation Agent as of the Automatic Early Redemption Valuation Time on such Automatic Early Redemption Valuation Date or, in the case of the "official close" level, at such time on such Automatic Early Redemption Valuation Date as the "official close" level is published by the Observation Price Source;

**"Underlying Reference Level 1"** means, in respect of any AER 1 Redemption Valuation Date, (i) if Standard Price is specified as applicable in the applicable Final Terms, (a) in the case of Share Securities, ETI Securities and Futures Securities, the price of the relevant AER Event 1 Underlying, (b) in the case of Index Securities and Custom Index Securities, the level of the relevant AER Event 1 Underlying, (c) in the case of Commodity Securities, the Relevant Price, or (d) in the case of Currency Securities, the spot rate of exchange for the exchange of the Subject Currency into the Base Currency (expressed as the number of units (or part units) of such Subject Currency for which one unit of the Base Currency can be exchanged), or (e) in the case of an Inflation Index, the Relevant Level, or (f) in the case of an Underlying Interest Rate, the Underlying Reference Rate, in each case, as determined by the Calculation Agent as of the Automatic Early Redemption Valuation Time on such AER 1 Redemption Valuation Date or (ii) in the case of Debt Securities or Currency Securities to which Futures Price Valuation applies, the "last price" of the relevant AER Event 1 Underlying published by the Observation Price Source specified for such AER Event 1 Underlying; and

**"Underlying Reference Level 2"** means, in respect of any AER 2 Redemption Valuation Date, (i) if Standard Price is specified as applicable in the applicable Final Terms, (a) in the case of Share Securities, ETI Securities and Futures Securities, the price of the relevant AER Event 2 Underlying, (b) in the case of Index Securities and Custom Index Securities, the level of the relevant AER Event 2 Underlying, (c) in the case of Commodity Securities, the Relevant Price, or (d) in the case of Currency Securities, the spot rate of exchange for the exchange of the Subject Currency into the Base Currency (expressed as the number of units (or part units) of such Subject Currency for which one unit of the Base Currency can be exchanged), or (e) in the case of an Inflation Index, the Relevant Level, or (f) in the case of an Underlying Interest Rate, the Underlying Reference Rate, in each

## TERMS AND CONDITIONS OF THE SECURITIES

case, as determined by the Calculation Agent as of the Automatic Early Redemption Valuation Time on such AER 2 Redemption Valuation Date or (ii) in the case of Debt Securities or Currency Securities to which Futures Price Valuation applies, the "last price" of the relevant AER Event 2 Underlying published by the Observation Price Source specified for such AER Event 2 Underlying.

(e) Accrual

Notwithstanding Condition 32, if FI Underlying Automatic Early Redemption and Accrual to Automatic Early Redemption are specified as applicable in the applicable Final Terms and an Automatic Early Redemption Event occurs on an Automatic Early Redemption Valuation Date, interest will cease to accrue on such Automatic Early Redemption Valuation Date.

(f) AER Rate Determination

(i) Where the applicable Final Terms specify that the AER Rate is determined by reference to a Screen Rate the AER Rate will, subject as provided below, be either:

(A) the offered quotation; or

(B) the arithmetic mean (rounded if necessary to the fifth decimal place, with 0.000005 being rounded upwards) of the offered quotations,

(expressed as a percentage rate per annum) for the AER Reference Rate(s) which appears or appear, as the case may be, on the AER Screen Page (or such replacement page on that service which displays the information) as at the AER Specified Time indicated in the applicable Final Terms (which will be 11.00 a.m., Brussels time, in the case of EURIBOR, or Stockholm time, in the case of STIBOR) (the "**Screen Page AER Rate**") on the AER Reference Rate Determination Date in question plus or minus (as indicated in the applicable Final Terms) the AER Margin (if any), all as determined by the Calculation Agent. If five or more of such offered quotations are available on the AER Screen Page, the highest (or, if there is more than one such highest quotation, one only of such quotations) and the lowest (or, if there is more than one such lowest quotation, one only of such quotations) shall be disregarded by the Calculation Agent for the purpose of determining the arithmetic mean (rounded as provided above) of such offered quotations.

If the AER Screen Page is not available or if, in the case of subparagraph (i)(A), no offered quotation appears on the AER Screen Page (or such replacement page on that service which displays the information) or, in the case of subparagraph (i)(B), fewer than three offered quotations appear on the AER Screen Page (or such replacement page on that service which displays the information), in each case as at the AER Specified Time, except as provided in paragraph (iii) below, the Calculation Agent shall request each of the Reference Banks to provide the Calculation Agent with its offered quotation (expressed as a percentage rate per annum) for the AER Reference Rate at the AER Specified Time on the AER Reference Rate Determination Date in question. If two or more of the Reference Banks provide the Calculation Agent with offered quotations, the AER Rate shall be the arithmetic mean (rounded if necessary to the nearest 0.001 with 0.0005 being rounded upwards) of the relevant quotations, eliminating the highest quotation (or in the event that two or more quotations are identical, one of the highest) and the lowest (or in the event that two or more quotations are identical, one of the lowest) plus or minus (as appropriate) the AER Margin (if any), all as determined by the Calculation Agent.

If on any AER Reference Rate Determination Date one only or none of the Reference Banks provides the Calculation Agent with an offered quotation as provided in the preceding

## TERMS AND CONDITIONS OF THE SECURITIES

paragraph, the AER Rate shall be the rate per annum which the Calculation Agent determines as being the arithmetic mean (rounded if necessary to the nearest 0.001, with 0.0005 being rounded upwards) of the rates per annum, as communicated to the Calculation Agent by the Reference Banks or any two or more of them, at which such banks were offered, at the AER Specified Time on the relevant AER Reference Rate Determination Date, deposits in the Settlement Currency for a period equal to that which would have been used for the AER Reference Rate by leading banks in the inter-bank market plus or minus (as appropriate) the AER Margin (if any).

If fewer than two of the Reference Banks provide the Calculation Agent with offered rates, the AER Rate shall be the offered rate for deposits in the Settlement Currency for a period equal to that which would have been used for the AER Reference Rate, or the arithmetic mean (rounded as provided above) of the offered rates for deposits in the Settlement Currency for a period equal to that which would have been used for the AER Reference Rate, at which, at the AER Specified Time on the relevant AER Reference Rate Determination Date, any one or more banks (which bank or banks is or are in the opinion of the Calculation Agent suitable for the purpose) informs the Calculation Agent it is quoting to leading banks in the inter-bank market applicable to the AER Reference Rate (which will be the Euro zone inter bank market, if the AER Reference Rate is EURIBOR or the Stockholm inter bank market, if the AER Reference Rate is STIBOR), plus or minus (as appropriate) the AER Margin (if any), as determined by the Calculation Agent.

If the AER Rate cannot be determined in accordance with the foregoing provisions of this paragraph, the Calculation Agent shall determine the AER Rate from such source(s) as it acting in good faith and in a commercially reasonable manner may select, except that if the Calculation Agent determines that the absence of the quotation is due to the discontinuation of the Screen Page AER Rate or the occurrence of a Reference Rate Fallback Event, then the AER Reference Rate will be determined in accordance with paragraph (ii) below.

- (ii) If the Calculation Agent determines at any time prior to any AER Reference Rate Determination Date, that the Screen Page AER Rate has been discontinued or a Reference Rate Fallback Event has occurred, the Calculation Agent will use, as a substitute for the Screen Page AER Rate, the alternative reference rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the currency of the relevant rate (each a "**Relevant Nominating Body**") that is consistent with industry accepted standards, provided that, if two or more alternative reference rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those alternative reference rates is most appropriate to preserve the economic features of the relevant Securities. If the Calculation Agent notifies the Issuer that it is unable to determine such an alternative reference rate, the Calculation Agent will as soon as reasonably practicable (and in any event before the Business Day prior to the applicable AER Reference Rate Determination Date) appoint an agent (the "**Reference Rate Determination Agent**"), which will determine whether a substitute or successor rate, which is substantially comparable to the Screen Page AER Rate, is available for the purpose of determining the AER Reference Rate on each AER Reference Rate Determination Date falling on or after the date of such determination. If the Reference Rate Determination Agent determines that there is an industry accepted successor rate, the Reference Rate Determination Agent will notify the Issuer of such successor rate to be used by the Calculation Agent to determine the AER Rate.

## TERMS AND CONDITIONS OF THE SECURITIES

If the Reference Rate Determination Agent or the Calculation Agent, as applicable, has determined a substitute or successor rate in accordance with the foregoing paragraph (such rate, the "**Replacement AER Reference Rate**"), for the purpose of determining the AER Reference Rate on each AER Reference Rate Determination Date falling on or after such determination:

- (A) the Reference Rate Determination Agent or the Calculation Agent, as applicable, will also determine the changes (if any) required to the applicable Business Day Convention, the definition of Business Day, the AER Reference Rate Determination Date, the Day Count Fraction, and any method for obtaining the Replacement AER Reference Rate, including any adjustment needed to make such Replacement AER Reference Rate comparable to the Screen Page AER Rate, in each case acting in good faith and in a commercially reasonable manner that is consistent with industry-accepted practices for such Replacement AER Reference Rate;
- (B) references to the AER Reference Rate in these Conditions will be deemed to be references to the relevant Replacement AER Reference Rate, including any alternative method for determining such rate as described in (A) above;
- (C) the Reference Rate Determination Agent or the Calculation Agent, as applicable, will notify the Issuer of the Replacement AER Reference Rate, and the details described in (A) above, as soon as reasonably practicable; and
- (D) the Issuer will give notice to the Holders in accordance with Condition 10, the Principal Security Agent and the Calculation Agent of the Replacement AER Reference Rate, and the details described in (A) above as soon as reasonably practicable but in any event no later than 5:00 p.m. (London time) on the Business Day prior to the applicable AER Reference Rate Determination Date.

The determination of the Replacement AER Reference Rate and the other matters referred to above by the Reference Rate Determination Agent or the Calculation Agent, as applicable, will (in the absence of manifest error) be final and binding on the Issuer, the Calculation Agent, the Principal Security Agent and the Holders, unless the Issuer, the Calculation Agent or the Reference Rate Determination Agent determines at a later date that the Replacement AER Reference Rate is no longer substantially comparable to the AER Reference Rate or does not constitute an industry accepted successor rate, in which case the Calculation Agent shall appoint or re-appoint a Reference Rate Determination Agent, as the case may be (which may or may not be the same entity as the original Reference Rate Determination Agent or the Calculation Agent) for the purpose of confirming the Replacement AER Reference Rate or determining a substitute Replacement AER Reference Rate in an identical manner as described in this paragraph (ii). If the replacement Reference Rate Determination Agent or the Calculation Agent, as applicable, is unable to or otherwise does not determine a substitute Replacement AER Reference Rate, then the Replacement AER Reference Rate will remain unchanged.

The Reference Rate Determination Agent may be (x) a leading bank, broker-dealer or benchmark agent in the principal financial centre of the relevant rate as appointed by the Calculation Agent, (y) the Issuer or the Guarantor (if applicable) or (z) an affiliate of the Issuer, the Guarantor (if applicable) or the Calculation Agent.

If the applicable Final Terms specifies a Minimum AER Reference Rate then, in the event that the AER Reference Rate determined in accordance with the above provisions is less than such Minimum AER Reference Rate, the AER Rate shall be such Minimum AER Reference Rate.

If the applicable Final Terms specifies a Maximum AER Reference Rate then, in the event that the AER Reference Rate determined in accordance with the above provisions is greater than such Maximum AER Reference Rate, the AER Rate shall be such Maximum AER Reference Rate.

## TERMS AND CONDITIONS OF THE SECURITIES

If the relevant Reference Rate Fallback Event may also constitute an Administrator/Benchmark Event in the determination of the Calculation Agent pursuant to Condition 15.1, the provisions of this Condition 34.9 will apply.

Notwithstanding anything to the contrary in the provisions of (and all provisions referred to in) this Condition 34.9, the Issuer, the Calculation Agent or Reference Rate Determination Agent (as applicable) may make all determinations and/or adjustments and take all actions in respect of the Securities as are provided for in connection with a Reference Rate Fallback Event or Administrator/Benchmark Event, as applicable, notwithstanding that such Reference Rate Fallback Event or Administrator/Benchmark Event, as applicable, may have occurred before the Issue Date of the Securities.

### 34.10 Payout Switch

If Payout Switch is specified as applicable in the applicable Final Terms (i) if Payout Switch Election is specified as applicable in the applicable Final Terms, the Issuer may elect that or (ii) if Automatic Payout Switch is specified as applicable in the applicable Final Terms and an Automatic Payout Switch Event occurs, the Final Payout for the Certificates will be amended (including any relevant Underlying Reference(s) as applicable) (a **Payout Switch**) from the Final Payout specified in the Final Terms to the Switched Payout specified in the applicable Final Terms on and after the Payout Switch Date specified in the applicable Final Terms. Notice of any Payout Switch will be given to Holders in accordance with Condition 10.

**"Automatic Payout Switch Event"** means that:

- (i) the SPS APS Value is (a) "greater than", (b) "equal to or greater than", (c) "less than" or (d) "less than or equal to", as specified in the applicable Final Terms, the Automatic Payout Switch Level, (x) on a SPS APS Valuation Date or (y) in respect of a SPS APS Valuation Period, as specified in the applicable Final Terms; or
- (ii) if Digital Coupon or Snowball Digital Coupon is specified in the applicable Final Terms and Target Switch Payout is specified as applicable in the applicable Final Terms, the number of times the Digital Coupon Condition or Snowball Digital Coupon Condition, as the case may be, has been satisfied is equal to or greater than the Automatic Payout Switch Level in as of a SPS APS Valuation Date;

**"Automatic Payout Switch Level"** means the number, amount, level or percentage specified as such in the applicable Final Terms;

**"SPS APS Valuation Date"** means each Averaging Date, Pricing Date, Underlying Interest Determination Date and/or Settlement Price Date specified as such in the applicable Final Terms;

**"SPS APS Valuation Period"** means each period specific as such in the applicable Final Terms; and

**"SPS APS Value"** means, in respect of a SPS APS Valuation Date or a SPS APS Valuation Period, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms.

### 34.11 Automatic Early Redemption – Automatic Early Redemption Payout 2210/1

Notwithstanding Security Condition 34.9, if "Automatic Early Redemption" and Automatic Early Redemption Payout 2210/1 are specified as being applicable in the applicable Final Terms and the Certificates are not OET Certificates, then unless previously redeemed or purchased and cancelled, if an Automatic Early Redemption Event occurs, then the Certificates will be automatically redeemed in whole, but not in part, on the date falling the number of Business Days specified in the applicable Final Terms following the Valuation Date (as defined in Payout Condition 1.8) (the **"Automatic Early Redemption Date"**) and the amount payable by the Issuer

## TERMS AND CONDITIONS OF THE SECURITIES

upon redemption of each Certificate shall be an amount equal to the relevant Automatic Early Redemption Amount.

For these purposes:

**"Automatic Early Redemption Amount"** means an amount in the Settlement Currency (as defined in Payout Condition 1.8) equal to the Automatic Early Redemption Payout set out in the applicable Final Terms. If the product of the Automatic Early Redemption Payout is zero, no amount shall be payable on redemption of the Certificate pursuant to this Condition 34.11.

The Automatic Early Redemption Amount shall be rounded to the nearest sub-unit of the relevant Settlement Currency half of any sub-unit being rounded upwards or otherwise in accordance with applicable market convention;

**"Automatic Early Redemption Event"** means that, as determined by the Calculation Agent, at the Observation Time(s) (as defined in Payout Condition 1.8) on an Automatic Early Redemption Valuation Date (the **"Relevant Automatic Early Redemption Valuation Date"**):

- (a) with respect to a Call Certificate, the Observation Price (as defined in Payout Condition 1.8) is less than or equal to the applicable Security Threshold (as defined in Payout Condition 1.8); or
- (b) with respect to a Put Certificate, the Observation Price is greater than or equal to the applicable Security Threshold; and

**"Automatic Early Redemption Valuation Date"** means each Relevant Business Day (as defined in Payout Condition 1.8) from (and including) the Listing Date (as defined in Payout Condition 1.4) (notwithstanding the occurrence of (in the case of Index Securities, Share Securities, ETI Securities or Currency Securities) a Disrupted Day, (in the case of Commodity Securities) a Commodity Disrupted Day or (otherwise) a Market Disruption Event.

### 34.12 Early Redemption Amounts

- (a) If Highest Value is specified as applicable in the applicable Final Terms, the greater of the fair market value of a Certificate or, as the case may be, Settled Amount (notwithstanding any illegality (if applicable) and taking into account any Additional Disruption Event, Optional Additional Disruption Event, Index Adjustment Event, Custom Index Adjustment Event, Non-Commencement or Discontinuance of an Exchange-traded Contract, Extraordinary ETI Event, Disruption Event, Extraordinary Event, Commodity Index Adjustment Event, Market Disruption Event, Index Cancellation, Extraordinary Fund Event, Fund Index Adjustment Event or Futures Adjustment Event as the case may be) and the Protected Amount specified in the applicable Final Terms or, as the case may be, proportionate share of such Protected Amount, provided that, (x) no costs shall be deducted from such amount and (y) such amount shall include the reimbursement by the Issuer, *pro rata* (calculated from the early redemption date or, as the case may be, partial redemption date, notified to the Holders until the scheduled Redemption Date of the Certificates), of any costs or, as the case may be, proportionate share of such costs, (including but not limited to any structuring costs) paid by Holders to the Issuer in the Issue Price of the Certificates, such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption or, as the case may be, notice of partial redemption;
- (b) if Market Value is specified as applicable in the applicable Final Terms, the fair market value of a Certificate or, as the case may be, Settled Amount (notwithstanding the illegality (if applicable) and taking into account any Additional Disruption Event, Optional Additional Disruption Event, Index Adjustment Event, Custom Index Adjustment Event, Non-Commencement or Discontinuance of an

## TERMS AND CONDITIONS OF THE SECURITIES

Exchange-traded Contract, Extraordinary Event, Commodity Index Adjustment Event, Market Disruption Event, Index Cancellation, Extraordinary ETI Event, Disruption Event, Extraordinary Fund Event, Fund Index Adjustment Event or Futures Adjustment Event, as applicable) calculated (x) without taking account of any costs and no costs shall be deducted from such amount, and (y) including the reimbursement by the Issuer, *pro rata* (calculated from the early redemption date or, as the case may be, partial redemption date notified to the Holders until the scheduled Redemption Date of the Certificates), of any costs or, as the case may be, proportionate share of such costs (including but not limited to any structuring costs) paid by Holders to the Issuer in the Issue Price of the Certificates, such an amount to be paid to the Holders on the date notified in the notice of early redemption or, as the case may be, notice of partial redemption;

(c) If Monetisation Option is specified as applicable in the applicable Final Terms:

- (i) the Monetisation Amount (as defined below) including the reimbursement by the Issuer, *pro rata* (calculated from the early redemption date or, as the case may be, partial redemption date notified to the Holders until the scheduled Redemption Date of the Certificates), of any costs or, as the case may be, proportionate share of such costs (including but not limited to any structuring costs) paid by Holders to the Issuer in the Issue Price of the Certificates, such amount to be paid by the Issuer (notwithstanding the notice of early redemption) on the Redemption Date; or
- (ii) if the Holder duly elects to receive the fair market value, as provided below, the Market Value calculated in accordance with Condition 34.12(b) of such Certificate, such amount to be paid by the Issuer on the date fixed for early redemption, as notified to the Holders.

In the Issuer's notice of early redemption, the Issuer must include the following:

- (i) the cut-off date and time for each Holder to elect to receive the fair market value on the date fixed for early redemption;
- (ii) the date of determination for the fair market value in respect of such election and the amount determined by the Calculation Agent as the fair market value of the Securities on such date; and
- (iii) the amount calculated by the Calculation Agent as the Monetisation Amount.

If the Certificate is held outside DTC, Euroclear and Clearstream, Luxembourg, Euroclear France and/or any other relevant Clearing System, other than in the case of CREST Dematerialised Certificates, to make a valid election to receive the Market Value on redemption of a Certificate the Holder of the Certificate must no later than the cut-off date and time set out in the Issuer's notice of early redemption give notice to the Principal Security Agent or the Registrar, as the case may be, of such election, accompanied by the Certificate or evidence satisfactory to the Principal Security Agent or Registrar, as the case may be, that the Certificate will, following delivery of notice, be held to its order or under its control in a manner reasonably satisfactory to the Principal Security Agent or Registrar, as the case may be. If the Certificates are CREST Dematerialised Certificates, to make a valid election to receive the Market Value on early redemption of the Certificate, the Holder of the Certificate must no later than the cut-off time and date set out in the Issuer's notice of early redemption give notice to the Euroclear Registrar in accordance with the Uncertificated Securities Regulations. If the Certificate is held through DTC, Euroclear or Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System, to make a valid election to receive the Market Value on early redemption of the Certificate the Holder of the Certificate must no later than the cut-off date and time set out in the Issuer's notice of early redemption give notice to the relevant Security Agent in accordance with the standard procedures of

## TERMS AND CONDITIONS OF THE SECURITIES

DTC, Euroclear and Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System (which may include notice being given on such Holder's instruction by DTC, Euroclear or Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System or any common depositary for them to the Security Agent by electronic means) in a form acceptable to DTC, Euroclear and Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System from time to time. In the case of Finnish Dematerialised Certificates, in order to make a valid election to receive the Market Value on early redemption the Holder must no later than the cut-off time and date set out in the Issuer's notice of early redemption transfer or procure the transfer of the relevant Certificates to the account designed by the Finnish Security Agent and procure that such account is blocked for further transfer on or prior to the early redemption date. Notice given by a Holder of any Certificate pursuant to this Condition 34.12 shall be irrevocable. In the case of CBF Certificates, the relevant Holder must also deliver to the Frankfurt Certificate Agent the CBF Certificates to which such notice relates and failure to deliver such CBF Certificates at or prior to the time such notice is delivered shall render such notice null and void.

If the Holder does not make a valid election to receive the fair market value on the date fixed for early redemption before the cut-off date and time set out in the Issuer's notice of early redemption, the Holder will receive the Monetisation Amount in respect of such Security on the Redemption Date.

For the purposes of this Condition 34.12(c):

**"Monetisation Amount"** means, in respect of a Certificate, an amount equal to the greater of the Protected Amount specified in the applicable Final Terms and the amount calculated by the Calculation Agent as follows:

$$(S + D) \times (1 + r)^n$$

Where:

**"S"** is the present value of the Protected Amount of such Certificate on the date on which the event triggering early redemption occurs;

**"D"** is the market value of the Derivative Component on the date on which the event triggering early redemption occurs;

**"r"** is a hypothetical annual interest rate that would be applied on an equivalent hypothetical debt instrument issued by the Issuer (or the Guarantor, as applicable) with the same time to redemption as the remaining time to redemption on the Certificates from the date fixed for early redemption until the scheduled redemption date of the Certificates;

**"n"** is the time remaining until the scheduled redemption date of the Certificates, expressed as a number of years; and

**"Derivative Component"** means the option component or embedded derivative in respect of the Security or the interest amount due under the Certificate in order to enable the Issuer to issue the Security at the issue price and on their applicable terms. The value of the Derivative Component will be determined by the Calculation Agent, taking into account a number of factors, including, but not limited to:



## TERMS AND CONDITIONS OF THE SECURITIES

- (A) market prices or values for the underlying reference asset(s) or basis (bases) and other relevant economic variables (such as interest rates; dividend rates; financing costs; the value, price or level of any relevant underlying reference asset(s) or basis (bases) and any futures or options relating to any of them; the volatility of any relevant underlying reference asset(s) or basis (bases); and exchange rates (if applicable));
- (B) the time remaining until the scheduled redemption date of the Certificates;
- (C) internal pricing models; and
- (D) prices at which other market participants might bid for the Derivative Component.

### 34.13 Autoroll

If Autoroll is specified as applicable in the applicable Final Terms and:

- (a) Autoroll Standard is specified in the applicable Final Terms and an Autoroll Event occurs, any of (i) the Final Payout and its related provisions, (ii) the Knock-in Event or Knock-out Event and its related provisions, (iii) the Automatic Early Redemption Event and its related provisions, (iv) the Strike Date, (v) the Coupon Payout and its related provisions and/or (vi) the Redemption Date, will be amended to the corresponding (i) Rolled Final Payout and its related provisions, (ii) Rolled Knock-in Event or Knock-out Event and its related provisions, (iii) Rolled Automatic Early Redemption Event and its related provisions, (iv) Rolled Strike Date, (v) Rolled Coupon Payout and its related provisions or (vi) Rolled Redemption Date, in each case specified in the applicable Final Terms on and after the Autoroll Date immediately following the SPS AR Valuation Date or SPS AR Valuation Period, as applicable, on or in respect of which the Autoroll Event occurs;
- (b) Autoroll Lock is specified in the applicable Final Terms and an Autoroll Event occurs, any level specified in the applicable Final Terms (each such level a "**Rolling Level**") in respect of (i) the Final Payout and its related provisions, (ii) the Knock-in Event or Knock-out Event and its related provisions, (iii) the Automatic Early Redemption Event and its related provisions and/or (iv) the Coupon Payout and its related provisions, will be amended to (x) if Autoroll Lock Product is specified in the applicable Final Terms, the product of such originally designated level and the relevant Locked Level or (y) if Autoroll Lock Divide is specified in the applicable Final Terms, such originally designated level divided by the relevant Locked Level, on and after the Autoroll Date immediately following the SPS AR Valuation Date or SPS AR Valuation Period, in respect of which the Autoroll Event occurs; or
- (c) Autoroll Shift is specified in the applicable Final Terms and an Autoroll Event occurs, any level specified in the applicable Final Terms (each such level a "**Rolling Level**") in respect of (i) the Final Payout and its related provisions, (ii) the Knock-in Event or Knock-out Event and its related provisions, (iii) the Automatic Early Redemption Event and its related provisions and/or (iv) the Coupon Payout and its related provisions, will be amended to the relevant Shifted Level, on and after the Autoroll Date immediately following the SPS AR Valuation Date or SPS AR Valuation Period, as applicable, on or in respect of which the Autoroll Event occurs.

Notice of any amendment to any Rolling Level pursuant to (b) or (c) above will be given to Holders in accordance with Security Condition 10.

Where:

"**Autoroll Date**" means each date specified as such or determined pursuant to the provisions of the applicable Final Terms;

"**Autoroll Event**" means that:

## TERMS AND CONDITIONS OF THE SECURITIES

- (a) if Autoroll Standard is specified in the applicable Final Terms, the SPS AR Value is (i) "greater than", (ii) "equal to or greater than", (iii) "less than" or (iv) "less than or equal to", as specified in the applicable Final Terms, the Autoroll Level, (x) on a SPS AR Valuation Date or (y) in respect of a SPS AR Valuation Period, as specified in the applicable Final Terms;
- (b) if Autoroll Lock is specified in the applicable Final Terms, the SPS AR Value is (i) "greater than", (ii) "equal to or greater than", (iii) "less than" or (iv) "less than or equal to", as specified in the applicable Final Terms, any of the Lock Levels (x) on a SPS AR Valuation Date or (y) in respect of a SPS AR Valuation Period; or
- (c) if Autoroll Shift is specified in the applicable Final Terms, the SPS AR Value is (i) "greater than", (ii) "equal to or greater than", (iii) "less than" or (iv) "less than or equal to", as specified in the applicable Final Terms, the Shifted Level<sub>(t-1)</sub>, (x) on a SPS AR Valuation Date or (y) in respect of a SPS AR Valuation Period, as specified in the applicable Final Terms;

**"Autoroll Level"** means the number, amount, level or percentage specified as such in the applicable Final Terms;

**"Cap Shifted Level"** means the Cap Percentage;

**"Floor Shifted Level"** means the Floor Percentage;

**"Lock Level [1]/[2]/[3]/[4]"** means the number, amount, level or percentage specified as such in the applicable Final Terms;

**"Locked Level"** means:

- (a) if Lowest Lock Level is specified in the applicable Final Terms, where the SPS AR Value in respect of a SPS AR Valuation Date or SPS AR Valuation Period, as applicable, is less than a Lock Level, but greater than or equal to the next lowest Lock Level, the lower of those two Lock Levels; or
- (b) if Highest Lock Level is specified in the applicable Final Terms, where the SPS AR Value in respect of a SPS AR Valuation Date or SPS AR Valuation Period, as applicable, is less than a Lock Level, but greater than or equal to the next lowest Lock Level, the higher of those two Lock Levels;

**"Shifted Level<sub>(0)</sub>"** means the relevant Rolling Level or other number, amount, level or percentage specified as such in the applicable Final Terms;

**"Shifted Level<sub>(t-1)</sub>"** means, in respect of a SPS AR Valuation Date or a SPS AR Valuation Period, as applicable, the Shifted Level in respect of the immediately preceding SPS AR Valuation Date or SPS AR Valuation Period, as applicable, or if none, Shifted Level<sub>(0)</sub>;

**"Shifted Level"** means:

- (a) in respect of a SPS AR Valuation Date, the SPS AR Value in respect of such SPS AR Valuation Date; or
- (b) in respect of a SPS AR Valuation Period, and:
  - (i) if Lowest Shifted Level is specified in the applicable Final Terms, the lowest SPS AR Value on any SPS AR Valuation Date in such SPS AR Valuation Period;
  - (ii) if Highest Shifted Level is specified in the applicable Final Terms, the highest SPS AR Value on any SPS AR Valuation Date in such SPS AR Valuation Period; or

## TERMS AND CONDITIONS OF THE SECURITIES

- (iii) if neither Lowest Shifted Level or Highest Shifted Level is specified in the applicable Final Terms, then SPS AR Value in respect of such SPS AR Valuation Period,

provided that, the Shifted Level in respect of such SPS AR Valuation Date or SPS AR Valuation Period, as applicable, will not be (i) less than the Floor Shifted Level or (ii) greater than the Cap Shifted Level;

**"SPS AR Valuation Date"** means each Averaging Date, Pricing Date, Underlying Interest Determination Date and/or Settlement Price Date specified as such in the applicable Final Terms;

**"SPS AR Valuation Period"** means each period specified as such in the applicable Final Terms; and

**"SPS AR Value"** means, in respect of a SPS AR Valuation Date or a SPS AR Valuation Period, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms.

### 34.14 Maturity Extension – ETS Final Payout 2300

If "Maturity Extension" and ETS Final Payout 2300 are specified as being applicable in the applicable Final Terms, then unless previously redeemed or purchased and cancelled, the Issuer may, on giving not less than the minimum notice period nor more than the maximum notice period specified in the applicable Final Terms notice (the **"Maturity Extension Notice Period"**) to the Holders in accordance with Condition 10 (a **"Maturity Extension Notice"**) (which notice shall be irrevocable) at its option elect to (i) postpone the Redemption Date of the Certificates to the Postponed Redemption Date or (ii) convert the Certificates into Open End Certificates in which case the provisions of Condition 34.8 will apply.

Upon receipt of the Maturity Extension Notice, the Holder of any Certificate may request that the Issuer early redeems such Certificate in accordance with Condition 34.4. The Maturity Extension Notice will specify the relevant Optional Redemption Valuation Date.

Where:

**"Postponed Redemption Date"** means the date specified as such in the relevant Maturity Extension Notice.

### 34.15 Reverse Split – ETS Final Payout 2300

If "Reverse Split" and ETS Final Payout 2300 are specified as being applicable in the applicable Final Terms and a Reverse Split Event occurs, the Issuer may, on giving not less than the minimum notice period nor more than the maximum notice period specified in the applicable Final Terms notice (the **"Reverse Split Notice Period"**) to the Holders in accordance with Condition 10 (a **"Reverse Split Notice"**), elect that the Securities be consolidated and become subject to a Reverse Split (as defined below). The Reverse Split Notice will specify:

- (a) the date on which the Reverse Split shall take effect (the **"Reverse Split Effective Date"**);
- (b) the New Certificate Ratio; and
- (c) the relevant Optional Redemption Valuation Date.

The Issuer shall on the Reverse Split Effective Date cancel each Holding of Certificates held by a Holder and deliver in lieu thereof an amount of New Certificates equal to the Post Reverse Split Certificate Amount plus (if applicable) the Post Reverse Split Cash Amount (a **"Reverse Split"**).

Upon receipt of the Reverse Split Notice in respect of a Holding of Certificates, the Holder may request that the Issuer early redeems each Certificate in such Holding of Certificates in accordance with Condition 34.4.

The Issuer or, failing which, the Guarantor, if any, will deliver or cause to be delivered the Post Reverse Split Certificate Amount and (if applicable) pay or cause to be paid the Post Reverse Split Cash Amount (if any) in

## TERMS AND CONDITIONS OF THE SECURITIES

respect of a Holding of Certificates by transfer or credit to the Holder's account with the relevant Clearing System. The Issuer or the Guarantor, if any, will be discharged by delivery and (if applicable) payment to, or to the order of, the relevant Clearing System in respect of the New Certificates delivered or the relevant amount so paid. Each of the persons shown in the records of the relevant Clearing System as the holder of a particular amount of the Certificates must look solely to the relevant Clearing System for his share of the New Certificates delivered and each such payment so made to, or to the order of, such Clearing System.

Where:

**"Holding of Certificates"** means the aggregate holding of Certificates by a Holder in an account at the relevant Clearing System;

**"New Certificate Ratio"** the ratio specified as such in the applicable Reverse Split Notice;

**"New Certificates"** means a new series of Certificates issued by the Issuer with terms identical to the Certificates save that the Bear Certificate Value or Bull Certificate Value, as the case may be, will be consolidated to reflect the economic effect of the Reverse Split as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner;

**"Post Reverse Split Cash Amount"** means, in respect of a Holding of Certificates, the cash adjustment amount calculated by the Calculation Agent to reflect the economic effect of the Reverse Split acting in good faith and in a commercially reasonable manner;

**"Post Reverse Split Certificate Amount"** means, in respect of a Holding of Certificates, an amount equal to the product of (a) the amount of Certificates in such Holding of Certificates immediately prior to such cancellation and (b) the New Certificate Ratio;

**"Reverse Split Event"** means that the Reverse Split Value is (a) "less than" or (b) "less than or equal to", as specified in the applicable Final Terms, the Reverse Split Level, (x) on a Reverse Split Valuation Date or (y) on any Reverse Split Valuation Day during the Reverse Split Valuation Period, as specified in the applicable Final Terms;

**"Reverse Split Level"** means the number, amount, level or percentage specified as such in the applicable Final Terms;

**"Reverse Split Valuation Date"** means any Relevant Business Day (as such term is defined in Payout Condition 1.5);

**"Reverse Split Valuation Period"** means the period specified as such in the applicable Final Terms; and

**"Reverse Split Value"** means, in respect of a Certificate and a Relevant Business Day, the Bear Certificate Value or Bull Certificate Value, as the case may be, in respect of such Certificate on such a Relevant Business Day.

Condition 34.15 does not apply to CREST Dematerialised Certificates, Registered Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Certificates, Finnish Dematerialised Certificates, Norwegian Dematerialised Certificates or Polish Dematerialised Certificates.

### 35. PAYMENTS AND PHYSICAL DELIVERY

#### 35.1 Payments

Except in the case of CREST Dematerialised Certificates, Registered Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Certificates, Finnish Dematerialised Certificates, Norwegian Dematerialised Certificates and Polish Dematerialised Certificates and subject as provided below, the Issuer or, failing which,

## TERMS AND CONDITIONS OF THE SECURITIES

the Guarantor, if any, shall pay or cause to be paid the Cash Settlement Amount or the relevant amount (if any) payable under the Credit Security Conditions (or in the case of Instalment Certificates, each Instalment Amount) for each Certificate by credit or transfer to the Holder's account with the relevant Clearing System or (in the case of CBF Certificates) the account with the relevant Clearing System of the Holder immediately prior to the delivery of such CBF Certificates to, or to the order of the Issuer, pursuant to Condition 35.2 or the Definitive Security Agent, as the case may be (in the case of English Law Certificates other than CREST Dematerialised Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Certificates, Finnish Dematerialised Certificates, Norwegian Dematerialised Certificates and Polish Dematerialised Certificates and Certificates held through Euroclear France ("**Euroclear France Certificates**") or with the relevant Account Holder (in the case of Euroclear France Certificates)) for value on the Redemption Date (or (a) in the case of Instalment Certificates, on the relevant Instalment Date; or (b) if Multiple Exercise is specified as applicable in the applicable Final Terms, on the relevant Exercise Settlement Date) less any Expenses, such payment to be made in accordance with the rules of such Clearing System or the Definitive Security Agent, as the case may be or Account Holder.

Except in the case of Registered Certificates and CREST Dematerialised Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Certificates, Finnish Dematerialised Certificates, Norwegian Dematerialised Certificates and Polish Dematerialised Certificates and where the Certificates pay interest, subject as provided below, the Issuer, failing which, the Guarantor, if any, shall pay or cause to be paid the Interest Amount for each Certificate in respect of each Interest Payment Date by credit or transfer to the Holder's account with the relevant Clearing System or in the case of Private Placement Definitive Certificates, the office of the Definitive Security Agent, as the case may be, for value on the relevant Interest Payment Date, such payment to be made in accordance with the rules of such Clearing System or the Definitive Security Agent, as the case may be.

Where the Certificates pay Premium Amount(s), subject as provided below, the Issuer, failing which, the Guarantor, if any, shall pay or cause to be paid the Premium Amount for each Certificate in respect of each Premium Amount Payment Date by credit or transfer to the Holder's account with the relevant Clearing System for value on the relevant Premium Amount Payment Date, such payment to be made in accordance with the rules of such Clearing System.

Except in the case of CREST Dematerialised Certificates, Registered Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Certificates, Finnish Dematerialised Certificates, Norwegian Dematerialised Certificates and Polish Dematerialised Certificates, the Issuer or the Guarantor, if any, will be discharged by payment to, or to the order of, the relevant Clearing System or the Definitive Security Agent, as the case may be, or, as the case may be, the relevant Account Holder, in respect of the amount so paid. Each of the persons shown in the records of the relevant Clearing System or the Definitive Security Agent, as the case may be, or whose name appears in the account of the relevant Account Holder (in the case of Euroclear France Certificates) as the holder of a particular amount of the Certificates must look solely to the relevant Clearing System or the Definitive Security Agent, as the case may be, or, as the case may be, the relevant Account Holder for his share of each such payment so made to, or to the order of, such Clearing System or the Definitive Security Agent, as the case may be, or Account Holder.

In the case of OET Certificates, the Issuer shall confirm to the Principal Security Agent and to the relevant Account Holders (in the case of OET Certificates held through Euroclear France) or Euroclear and Clearstream, Luxembourg (in the case of OET Certificates held through Euroclear or Clearstream, Luxembourg), the Cash Settlement Amount to be paid in respect of each OET Certificate.

In the case of Private Placement Definitive Certificates only, if a Holder has given wire transfer instructions to the Issuer and Definitive Security Agent, the Share Company will make all payments in accordance with those instructions.

In the case of CREST Dematerialised Certificates and subject as provided below, the Euroclear Registrar shall pay or cause to be paid the Cash Settlement Amount (if any), the relevant amount (if any) payable under the

## TERMS AND CONDITIONS OF THE SECURITIES

Credit Security Conditions, Instalment Amount (if any) and the Interest Amount (if any) in respect of CREST Dematerialised Certificates to the relevant Holder's cash account (as shown in the records of the Operator), such payment to be made in accordance with the rules of the Operator. Payments in respect of CREST Dematerialised Certificates will be discharged by payment (as shown in the records of the Operator) to the cash account of the relevant Holder.

In the case of Registered Certificates, the Issuer or, failing which, the Guarantor, if any, shall pay or cause to be paid the Cash Settlement Amount or the relevant amount (if any) payable under the Credit Security Conditions (or in the case of Instalment Amount, each Instalment Amount) in respect of each Registered Certificate (whether or not in global form) against presentation and surrender (or, in the case of part payment of any sum due, endorsement) of the Registered Certificate at the specified office of the Registrar or any of the Security Agents by transfer to the Designated Account (as defined below) of the holder (or the first named of joint holders) of the Registered Certificate appearing in the Register (i) where in global form, at the close of the business day (being for this purpose a day on which Euroclear, Clearstream, Luxembourg and/or any other relevant Clearing System are open for business) before the relevant due date, and (ii) where in definitive form, at the close of business on the third business day (being for this purpose a day on which banks are open for business in the city where the specified office of the Registrar is located) before the relevant due date (the "**Record Date**"). Notwithstanding the previous sentence, if (i) a holder does not have a Designated Account or (ii) the amount of the Certificates held by a holder is less than U.S.\$250,000 (or integral multiples of U.S.\$1,000 in excess thereof) (or its approximate equivalent in any other Settlement Currency), payment will instead be made by a cheque in the Settlement Currency drawn on a Designated Bank (as defined below), provided that, any payment in CNY will be made solely by transfer to the Designated Account in the CNY Settlement Centre(s) of the Holder (or the first named of joint Holders) of the Registered Certificate appearing in the Register. For these purposes, "**Designated Account**" means the account maintained by a holder with a Designated Bank and identified as such in the Register and "**Designated Bank**" means (i) (in the case of payment in a Settlement Currency other than euro or CNY) a bank in the principal financial centre of the country of such Settlement Currency; (ii) (in the case of a payment in euro) any bank which processes payments in euro; and (iii) (in the case of a payment in CNY) a bank in the CNY Settlement Centre(s).

In the case of Registered Certificates and where the Certificates pay interest, the Issuer or, failing which, the Guarantor, if any, shall pay or cause to be paid the Interest Amount (other than the final Interest Amount) in respect of each Registered Certificate (whether or not in global form) by a cheque in the Settlement Currency drawn on a Designated Bank and mailed by uninsured mail on the business day in the city where the specified office of the Registrar is located immediately preceding the relevant due date to the holder (or the first named of joint holders) of the Registered Certificate appearing in the Register (i) where in global form, at the close of the business day (being for this purpose a day on which Euroclear, Clearstream, Luxembourg and/or any other relevant Clearing System are open for business) before the relevant due date, and (ii) where in definitive form, at the close of business on the fifteenth day (whether or not such fifteenth day is a business day) before the Record Date at his address shown in the Register on the Record Date and at his risk. Notwithstanding the foregoing, payment of the Interest Amount in CNY will be made solely by transfer to the Designated Account in the CNY Settlement Centre(s) of the Holder (or the first named of joint Holders) of the Registered Certificates in appearing in the Register. Upon application of the holder to the specified office of the Registrar not less than three business days in the city where the specified office of the Registrar is located before the due date for any payment of interest in respect of a Registered Certificate, the payment may be made by transfer on the due date in the manner provided in the preceding paragraph. Any such application for transfer shall be deemed to relate to all future payments of interest (other than interest due on redemption) in respect of the Registered Certificates which become payable to the holder who has made the initial application until such time as the Registrar is notified in writing to the contrary by such holder. Payment of the Interest Amount due in respect of each Registered Certificate on redemption will be made in the same manner as payment of the Cash Settlement Amount of such Registered Certificate.

## TERMS AND CONDITIONS OF THE SECURITIES

Holders of Registered Certificates will not be entitled to any interest or other payment for any delay in receiving any amount due in respect of any Registered Certificate as a result of a cheque posted in accordance with this Condition arriving after the due date for payment or being lost in the post. No commissions or expenses shall be charged to such holders by the Registrar/relevant Security Agent in respect of any payments of principal or interest in respect of the Registered Certificates.

None of the Issuer, the Guarantor (if applicable) or any of the Security Agents will have any responsibility or liability for any aspect of the records relating to, or payments made on account of, beneficial ownership interests in the Registered Global Certificates or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests.

A record of each payment made on such Registered Global Certificate, distinguishing between any payment of the Cash Settlement Amount and any Interest Amount, will be made on such Registered Global Certificate by the Registrar to which such Registered Global Certificate is presented for the purpose of making such payment, and such record shall be *prima facie* evidence that the payment in question has been made.

If "CNY Payment Disruption Event" is specified as applicable in the applicable Final Terms, in the event that the Calculation Agent determines, acting in good faith and in a commercially reasonable manner, that a CNY Payment Disruption Event has occurred or is likely to occur and that such CNY Payment Disruption Event is material in relation to the Issuer's payment obligations under the Certificates in respect of any forthcoming Payment Date or other date on which any amount in respect of the Certificates shall be due and payable (each such date, an "**Affected Payment Date**"), then the Calculation Agent shall notify Holders of the relevant Registered Certificates as soon as practicable of the occurrence of such CNY Payment Disruption Event in accordance with Condition 10.

If the applicable Final Terms specify that "CNY Payment Disruption Event" is applicable to the Certificates, upon the occurrence of a CNY Payment Disruption Event:

(i) Postponement

If "Postponement" is specified as applicable in the applicable Final Terms, then the Affected Payment Date shall be postponed until the earlier of (A) the second Business Day following the day on which such CNY Payment Disruption Event ceases to exist, and (B) the date falling 14 calendar days following the original date on which the Affected Payment Date was scheduled to fall (the "**CNY Payment Disruption Cut-off Date**") and notice thereof shall be given to the relevant Holders of the Registered Certificates in accordance with Condition 10. For the avoidance of doubt, no amount of interest shall be payable in respect of any delay in payment of any amount(s) due to the adjustment of any Affected Payment Date.

In the event that, pursuant to the preceding paragraph, the Affected Payment Date is adjusted to fall on the CNY Payment Disruption Cut-off Date and the Calculation Agent determines that a CNY Payment Disruption Event still exists on such day, then the Issuer shall make payment of the Equivalent Amount of the relevant Interest Amount, Cash Settlement Amount, Credit Event Redemption Amount, Instalment Amount or such other amount payable (if applicable) on the CNY Payment Disruption Cut-off Date and notice thereof shall be given to the relevant Holders of the Registered Certificates in accordance with Condition 10. Any such payment made by the Issuer on the CNY Payment Disruption Cut-off Date shall be in full and final settlement of its obligations to pay such amount in respect of the Certificates.

(ii) Payment of Equivalent Amount

If "Payment of Equivalent Amount" is specified as applicable in the applicable Final Terms, the Issuer shall, upon giving notice prior to the relevant Affected Payment Date to the Holders of the Registered

## TERMS AND CONDITIONS OF THE SECURITIES

Certificates in accordance with Condition 10, make payment of the Equivalent Amount of the relevant Interest Amount, Cash Settlement Amount, Credit Event Redemption Amount, Instalment Amount or such other amount payable (if applicable) on the relevant Affected Payment Date. Any such payment made by the Issuer on an Affected Payment Date shall be in full and final settlement of its obligations to pay such amount in respect of the Certificates.

For these purposes:

**"CNY"** means Chinese Yuan or Renminbi, the lawful currency of the People's Republic of China (including any lawful successor currency to CNY).

**"CNY Governmental Authority"** means any de facto or de jure government (or any agency or instrumentality thereof), court, tribunal, administrative or other governmental authority or any other entity (private or public) charged with the regulation of the financial markets (including the central bank) in the People's Republic of China, Hong Kong and any other CNY Settlement Centre(s).

**"CNY Payment Disruption Event"** means the occurrence of any of the following events:

- (A) an event which makes it impossible (where it had previously been possible) or impractical for the Issuer to convert any amounts due and payable in CNY under the Certificates into or from the Equivalent Amount Settlement Currency in the general CNY foreign exchange market in the relevant CNY Settlement Centre(s), except where such impossibility or impracticality is due solely to the failure of the Issuer to comply with any law, rule or regulation enacted by any CNY Governmental Authority (unless such law, rule or regulation is enacted after the relevant Trade Date and it is impossible or impractical for the Issuer, due to events beyond its control, to comply with such law, rule or regulation) (a **"CNY Inconvertibility Event"**). For the avoidance of doubt, the inability of the Issuer to convert CNY solely due to issues relating to its creditworthiness shall not constitute a CNY Inconvertibility Event;
- (B) an event that makes it impossible (where it had previously been possible) or impractical for the Issuer to deliver (i) CNY between accounts inside the relevant CNY Settlement Centre(s), or (ii) from an account inside the relevant CNY Settlement Centre(s) to an account outside the relevant CNY Settlement Centre(s) (including, if applicable, to another CNY Settlement Centre) and outside Mainland China, or (iii) from an account outside the relevant CNY Settlement Centre(s) (including, if applicable, from an account inside another CNY Settlement Centre) and outside Mainland China to an account inside the relevant CNY Settlement Centre(s), except where such impossibility or impracticality is due solely to the failure of the Issuer to comply with any law, rule or regulation enacted by any CNY Governmental Authority (unless such law, rule or regulation is enacted after the relevant Trade Date and it is impossible or impractical for the Issuer, due to events beyond its control, to comply with such law, rule or regulation) (a **"CNY Non-Transferability Event"**); or
- (C) an event that makes it impossible (where it had previously been possible) or impractical for the Issuer to obtain a firm quote of an offer price in respect of any amounts due and payable in CNY under the Certificates (either in one transaction or a commercially reasonable number of transactions that, when taken together, is no less than such amount) in the general CNY foreign exchange market in the relevant CNY Settlement Centre(s) in order to perform its obligations under the Certificates (a **"CNY Illiquidity Event"**). For the avoidance of doubt, the inability of the Issuer to obtain such firm quote solely due to issues relating to its creditworthiness shall not constitute a CNY Illiquidity Event.

**"CNY Settlement Centre"** means the financial centre(s) specified as such in the applicable Final Terms in accordance with applicable laws and regulations, provided that, if no CNY Settlement Centre is specified in the applicable Final Terms, the CNY Settlement Centre will be Hong Kong.



## TERMS AND CONDITIONS OF THE SECURITIES

**"Equivalent Amount"** means, following the occurrence of a CNY Payment Disruption Event and, in respect of the relevant Interest Amount, Cash Settlement Amount, Credit Event Redemption Amount, Instalment Amount or such other amount payable (if applicable) on the relevant Affected Payment Date or the relevant CNY Payment Disruption Cut-off Date, as the case may be (for these purposes, the **"Relevant CNY Amount"**), an amount in the Equivalent Amount Settlement Currency determined by the Calculation Agent (acting in good faith and in a commercially reasonable manner), by converting the Relevant CNY Amount into the Equivalent Amount Settlement Currency at the Equivalent Amount Settlement Price for the relevant Affected Payment Date or the relevant CNY Payment Disruption Cut-off Date, as the case may be.

**"Equivalent Amount Settlement Currency"** means the currency specified as such in the applicable Final Terms.

**"Equivalent Amount Settlement Price"** means, in respect of any relevant day, the spot rate of exchange between CNY and the Equivalent Amount Settlement Currency appearing on the Equivalent Amount Settlement Price Source at the Equivalent Amount Settlement Valuation Time on such day (expressed as a number of units (or part units) of CNY for which one unit of the Equivalent Amount Settlement Currency can be exchanged), or if such rate is not available, the arithmetic mean (rounded, if necessary, to four decimal places (with 0.00005 being rounded upwards)) as determined by the Calculation Agent of the bid and offer exchange rates for the conversion of CNY into the Equivalent Amount Settlement Currency provided by two or more leading dealers on a foreign exchange market (as selected by the Calculation Agent, acting in good faith and in a commercially reasonable manner) at the Equivalent Amount Settlement Valuation Time on such day. If fewer than two leading dealers provide the Calculation Agent with bid and offer exchange rates for the conversion of CNY into the Equivalent Amount Settlement Currency on such day, the Calculation Agent shall determine the Equivalent Amount Settlement Price, acting in good faith and in a commercially reasonable manner.

**"Equivalent Amount Settlement Price Source"** means the price source specified in the applicable Final Terms.

**"Equivalent Amount Settlement Valuation Time"** means the time specified as such in the applicable Final Terms, or if not so specified, the time at which the Equivalent Amount Settlement Price Source publishes the Equivalent Amount Settlement Price.

**"impossible"** or **"impossibility"**, in relation to a CNY Payment Disruption Event, shall include (but shall not be limited to) any act which, if done or performed by the Issuer (or any affiliate of the Issuer) would be or would result in the breach of any applicable law, rule or regulation.

**"impractical"** or **"impracticability"** means, in relation to a CNY Payment Disruption Event and, in respect of any action to be taken by the Issuer, that the Issuer (or any of its affiliates) would incur a materially increased amount of taxes, duties, expenses or fees (as compared with circumstances existing on the Trade Date) to perform such action.

The holder of the relevant Registered Global Certificate shall be the only person entitled to receive payments in respect of Registered Certificates represented by such Registered Global Certificate and the payment obligations of the Issuer or the Guarantor (if applicable) will be discharged by payment to, or to the order of, the holder of such Registered Global Certificate in respect of each amount so paid. Each of the persons shown in the records of Euroclear and/or Clearstream, Luxembourg and/or any other relevant Clearing System, as the case may be, as the holder of a particular amount of Certificates must look solely to Euroclear and/or Clearstream, Luxembourg and/or any other relevant Clearing System, as the case may be, for his share of each payment so made by the Issuer to, or to the order of, the holder of the relevant Registered Global Certificate. No person other than the holder of the relevant Registered Global Certificate shall have any claim against the Issuer or the Guarantor (if applicable) in respect of any payments due on that Registered Global Certificate.

In the case of Swedish Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant amount (if any) payable under the Credit

## TERMS AND CONDITIONS OF THE SECURITIES

Security Conditions and Interest Amount (if any) will be made to persons registered as Holders in the register maintained by Euroclear Sweden, in the case of Swedish Dematerialised Certificates issued in nominal amounts, on the second Business Day, or in the case of Swedish Dematerialised Certificates issued in units, the second Business Day, immediately prior to the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment Date, as the case may be (the "**Payment Date**") (the "**Swedish Record Date**"). The Swedish Security Agent will pay the relevant amount through Euroclear Sweden to each Holder appearing in the Euroclear Sweden Register on the Swedish Record Date on the Payment Date.

In the case of Danish Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant amount (if any) payable under the Credit Security Conditions and Interest Amount (if any) will be made to persons registered as Holders in the register maintained by VP Denmark, in the case of Danish Dematerialised Certificates issued in nominal amounts, on the first Business Day, or in the case of Danish Dematerialised Certificates issued in units, the first Business Day, immediately prior to the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment Date, as the case may be (the "**Payment Date**") (the "**Danish Record Date**"). The Danish Security Agent will pay the relevant amount through VP Denmark to each Holder appearing in the VP Denmark Register on the Danish Record Date on the Payment Date.

In the case of Finnish Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant amount (if any) payable under the Credit Security Conditions and Interest Amount (if any) will be made to persons registered as Holders in the register maintained by Euroclear Finland, in the case of Finnish Dematerialised Certificates, on the Business Day (the "**Finnish Record Date**") preceding the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment Date, as the case may be (the "**Finnish Payment Date**"). The Finnish Security Agent will pay the relevant amount to each Holder appearing in the Euroclear Finland Register on the Finnish Record Date, in the case of Finnish Dematerialised Certificates, on the Finnish Payment Date (being the first Business Day following the Finnish Record Date). In the event of late payment not due to an event or circumstance mentioned below in this paragraph, penalty interest will be payable on the overdue amount from the due date for payment thereof up to and including the date on which payment is made at an interest rate corresponding to, in the case of Helsinki Business Day, EURIBOR (or any other interbank offered rate applicable in Helsinki) increased by one percentage point. Interest will not be capitalized. Where the Issuer, the Guarantor, if any, or any Security Agent, due to any legal enactment (domestic or foreign), the intervention of a public authority (domestic or foreign), an act of war, strike, blockade, boycott, lockout or any other similar event or circumstance, is prevented from effecting payment, such payment may be postponed until the time the event or circumstance impeding payment has ceased, with no obligation to pay penalty interest. The provisions in this paragraph shall apply to the extent that nothing to the contrary follows from applicable provisions specified in the applicable Final Terms, or from the provisions of the Central Securities Depositories Regulation, the Finnish Act on the Book-Entry System and Clearing (*Fin. laki arvo-osuusjärjestelmästä ja selvitystoiminnasta* (348/2017)) and the Finnish Act on Book-Entry Accounts (*Fin. laki arvo-osuustileistä* (827/1991)) or the rules and regulations of Euroclear Finland.

In the case of Norwegian Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant amount (if any) payable under the Credit Security Conditions and Interest Amount (if any) will be made to the persons registered as Holders in the register maintained by VPS Norway, in the case of Norwegian Dematerialised Certificates issued in nominal amounts, on the fifth Business Day, or in the case of Norwegian Dematerialised Certificates issued in units, the fourth Business Day, immediately prior to the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment Date, as the case may be (the "**Payment Date**") (the "**Norwegian Record Date**"). The Norwegian Security Agent will pay the relevant amount through VPS Norway to each Holder appearing in the VPS Norway Register on the Norwegian Record Date on the Payment Date.

## TERMS AND CONDITIONS OF THE SECURITIES

In the case of Polish Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant amount (if any) payable under the Credit Security Conditions and Interest Amount (if any) will be made by the Issuer to an account with KDPW Poland, in the case of Polish Dematerialised Certificates issued in nominal amounts, on the fifth Business Day, or in the case of Polish Dematerialised Certificates issued in units, the fourth Business Day, immediately prior to the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment Date, as the case may be (the "**Payment Date**"). On the Payment Date, KDPW Poland will pay the relevant amounts received from the Issuer to the account of the Polish Security Agent or other members of the KDPW Poland System where Polish Dematerialised Certificates are registered. The Polish Security Agent or other members of KDPW Poland System referred to above will thereafter make relevant payments to the relevant accounts of Holders of the Polish Dematerialised Certificates.

If the determination of any amount in respect of interest or premium amount due in respect of the Certificates on an Interest Payment Date or Premium Amount Payment Date (such date a "**Scheduled Payment Date**") is calculated by reference to the valuation of one or more Underlying Reference(s) and the date (or final date, as the case may be) for such valuation is postponed or delayed as provided in the Terms and Conditions to a date (such date the "**Delayed Date**") falling less than two Business Days preceding such Scheduled Payment Date, notwithstanding any provision to the contrary in the Terms and Conditions such Interest Payment Date or Premium Amount Payment Date, as the case may be, shall be postponed to the day falling two Business Days following such Delayed Date and no interest, premium or other amount shall be payable on the Certificates in respect of such delay.

Payments will be subject in all cases to any fiscal or other laws and regulations applicable thereto in the place of payment or other laws and regulations to which the relevant Issuer, the Guarantor (if applicable), the relevant Security Agent and the Registrar (in the case of Registered Securities) are subject.

### 35.2 Physical Delivery

#### (a) Physical Delivery Certificates (other than Physical Delivery Exercisable Certificates)

##### (i) Asset Transfer Notices

In relation to Physical Delivery Certificates, in order to obtain delivery of the Entitlement(s) in respect of any Certificate, the relevant Holder must (i) in the case of (a) Certificates represented by a Clearing System Global Certificate held by a Common Depositary on behalf of Clearstream, Luxembourg or Euroclear and/or any other relevant Clearing System, Euroclear France or Clearstream, Frankfurt, or (b) Certificates represented by a Registered Global Certificate, deliver to Clearstream, Luxembourg or Euroclear and/or any other relevant Clearing System, as the case may be, the relevant Account Holder (in the case of Euroclear France Certificates) or, as the case may be, the Frankfurt Certificate Agent (in the case of CBF Certificates), not later than 10.00 a.m. (Local Time) on the Cut-off Date, (ii) in the case of Certificates represented by a Rule 144A Global Certificate held by a Custodian on behalf of DTC, deliver to the New York Security Agent not later than 5.00 p.m., New York City time on the Business Day in New York preceding the Cut-off Date, (iii) in the case of Certificates represented by Private Placement Definitive Certificates, deliver to the Definitive Security Agent, not later than 5.00 p.m., New York City time on the Business Day in New York preceding the Cut-off Date, (iv) in the case of Registered Certificates in the definitive form, deliver to the Registrar not later than 10.00 a.m. (Local Time) on the Cut-off Date, with a copy to the Principal Security Agent, or (v) in the case of CREST Dematerialised Certificates, deliver to the Euroclear Registrar (in a form acceptable thereto) with a copy to BNPP B.V. as Issuer not later than the close of business in the place of receipt on the Cut-off Date, a duly completed asset transfer notice (an "**Asset Transfer Notice**") in the form set out in the Agency Agreement or (in the case of CREST Dematerialised Certificates) in the form set out in the Euroclear Agreement or (in the case of CBF Certificates) such other form as may be acceptable to

## TERMS AND CONDITIONS OF THE SECURITIES

the Frankfurt Certificate Agent in accordance with the provisions set out in this Condition 35.2. In the case of CBF Certificates, the relevant Holder must also deliver to the Frankfurt Certificate Agent the CBF Certificates to which such Asset Transfer Notice relates and failure to deliver such CBF Certificates at or prior to the time such Asset Transfer Notice is delivered shall render such Asset Transfer Notice null and void.

Copies of the Asset Transfer Notice may be obtained during normal business hours from the specified office of any Security Agent, the Registrar or the Euroclear Registrar, as the case may be.

In the case of Certificates represented by a Clearing System Global Certificate or Registered Global Certificate or in the case of CREST Dematerialised Certificates, an Asset Transfer Notice may only be delivered in such manner as is acceptable to the relevant Clearing System, the Euroclear Registrar (if applicable), the relevant Account Holder or, as the case may be, the Frankfurt Certificate Agent, which is expected to be by authenticated SWIFT message or tested telex or, in the case of the New York Security Agent, by facsimile. In the case of Private Placement Definitive Certificates and definitive Registered Certificates, the Asset Transfer Notice may only be delivered by facsimile.

The Asset Transfer Notice shall:

- (A) specify the name, address and contact telephone number of the relevant Holder and the person from whom the Issuer may obtain details for the delivery of the Entitlement;
- (B) specify the series number of the Certificates and the number of Certificates which are the subject of such notice;
- (C) other than in the case of CBF Certificates, in the case of Clearing System Global Certificates or a Registered Global Certificate, specify the number of the Holder's securities account at the relevant Clearing System or, as the case may be, the relevant Account Holder to be debited with such Certificates or, in the case of Certificates represented by a Rule 144A Global Certificate held by a Custodian on behalf of DTC, specify the designated account at DTC to be debited with such Certificates;
- (D) other than in the case of CBF Certificates, (1) in the case of Clearing System Global Certificates or a Registered Global Certificate, irrevocably instruct the relevant Clearing System or, as the case may be, the relevant Account Holder to debit the relevant Holder's securities account with the relevant Certificates or, in the case of Certificates represented by a Rule 144A Global Certificate held by a Custodian on behalf of DTC, irrevocably instruct the New York Security Agent to debit the relevant Holder's account with the relevant Certificates or (2) in the case of Private Placement Definitive Certificates or definitive Registered Certificates, irrevocably instruct the Definitive Security Agent or Registrar, as the case may be, to remove from the Private Placement Register or Register, as the case may be, on or before the Redemption Date or (in the case of Credit Certificates) the Delivery Date (as defined in the Credit Security Conditions) of the Certificates which are subject of such notice;
- (E) (1) in the case of Clearing System Global Certificates or a Registered Global Certificate, include an undertaking to pay all Expenses and an authority to the relevant Clearing System or, as the case may be, the relevant Account Holder to debit a specified account with the relevant Clearing System or, as the case may be, the relevant Account Holder, in respect thereof and to pay such Expenses or, in the case of Certificates represented by a Rule 144A Global Certificate held by a Custodian on behalf of DTC, an authority to the New York Security Agent to debit a specified account of the Holder and to pay such Expenses, (2) in the case of Private Placement Definitive Certificates or definitive Registered Certificates, include an undertaking to pay all Expenses and an authority to the Definitive Security Agent or

## TERMS AND CONDITIONS OF THE SECURITIES

Registrar, as the case may be, to deduct an amount in respect thereof from any amount due to such Holder and/or debit a specified account of the Holder in respect thereof or (3) in the case of CREST Dematerialised Certificates, specify the cash memorandum account of the Holder (as shown in the records of the Operator) from which the Expenses will be paid to the Euroclear Registrar's account with the Operator against delivery of the Entitlement and irrevocably agree to deliver such instructions to the Operator as may be requested by the Euroclear Registrar to give effect to the relevant delivery and payments specified above;

- (F) include such details as are required by the applicable Final Terms for delivery of the Entitlement which may include account details and/or the name and address of any person(s) into whose name evidence of the Entitlement is to be registered and/or any bank, broker or agent to whom documents evidencing the Entitlement are to be delivered and (1) in the case of Certificates represented by (i) a Clearing System Global Certificate held by a Common Depositary on behalf of Clearstream, Luxembourg and Euroclear and/or any other relevant Clearing System or by Clearstream, Frankfurt or (ii) a Registered Global Certificate, specify the name and number of the account with the relevant Clearing System or, as the case may be, the relevant Account Holder to be credited with any cash payable by the Issuer, either in respect of any amounts payable pursuant to Credit Security Condition 4, any other cash amount constituting the Entitlement or any dividends relating to the Entitlement or as a result of the occurrence of a Settlement Disruption Event or a Failure to Deliver due to Illiquidity and the Issuer electing to pay the Disruption Cash Settlement Price or Failure to Deliver Settlement Price, as applicable, or as a result of the Issuer electing to pay the Alternate Cash Amount, (2) in the case of Certificates represented by a Rule 144A Global Certificate held by a Custodian on behalf of DTC, specify the details of the account to be credited with any cash payable by the Issuer, either in respect of any amounts payable pursuant to Credit Security Condition 4, any other cash amount constituting the Entitlement or any dividends relating to the Entitlement or as a result of BNPP electing to pay the Alternate Cash Amount, (3) in the case of Private Placement Definitive Certificates or definitive Registered Certificates, specify the details of the account to be credited with any cash payable by BNPP either in respect of any cash amount constituting the Entitlement or any dividends relating to the Entitlement, or as a result of BNPP electing to pay the Alternate Cash Amount or (4) in the case of CREST Dematerialised Certificates, specify the cash memorandum account of the Holder (as shown in the records of the Operator) to be credited with any cash payable by BNPP B.V. either in respect of any cash amount constituting the Entitlement or any dividends relating to the Entitlement, or as a result of BNPP B.V. electing to pay the Alternate Cash Amount;
- (G) with respect to Currency Securities only, (1) in the case of Clearing System Global Certificates other than a Rule 144A Global Certificate or a Registered Global Certificate, specify the number of the account at the relevant Clearing System or, as the case may be, the relevant Account Holder to be credited with the amount due upon redemption of the Certificates, (2) in the case of Currency Securities represented by a Rule 144A Global Certificate held by a Custodian on behalf of DTC, specify the designated account at DTC to be credited with the amount due upon redemption of the Certificates, (3) in the case of Private Placement Definitive Certificates or definitive Registered Certificates, specify the details of the account to be credited with the amount due upon redemption of the Certificates, or (4) in the case of CREST Dematerialised Certificates, specify the cash memorandum account of the Holder as shown in the records of the Operator to be credited with the amount due upon redemption of the Certificates;
- (H) certify, if required, in the case of Clearing System Global Certificates (other than a Rule 144A Global Certificate), Registered Certificates or CREST Dematerialised Certificates, that the

## TERMS AND CONDITIONS OF THE SECURITIES

beneficial owner of each Certificate is not a U.S. person (as defined in the Asset Transfer Notice), the Certificate is not being redeemed within the United States or on behalf of a U.S. person and no cash, securities or other property have been or will be delivered within the United States or to, or for the account or benefit of, a U.S. person in connection with any redemption thereof; and, where appropriate, including in the case of a Rule 144A Global Certificate, undertake to provide such various forms of certification in respect of restrictions under the securities, commodities and other laws of the United States of America as required by the relevant Agent;

- (I) in the case of Private Placement Definitive Certificates, include an undertaking to provide such various forms of certification in respect of restrictions under the securities, commodities, tax and other laws of the United States of America as required by the relevant Agent;
- (J) authorise the production of such certification in any applicable administrative or legal proceedings,

all as provided in the Agency Agreement or (in the case of CREST Dematerialised Certificates), the Euroclear Agreement).

If Condition 5.3 applies, the form of Asset Transfer Notice required to be delivered will be different from that set out above. Copies of such Asset Transfer Notice may be obtained from the relevant Clearing System or, as the case may be, the relevant Account Holder and the relevant Security Agent, the Registrar or the Euroclear Registrar, as the case may be.

### (ii) Verification of the Holder

Upon receipt of an Asset Transfer Notice, the relevant Clearing System, the relevant Account Holder or, as the case may be, the Frankfurt Certificate Agent shall verify that the person delivering the Asset Transfer Notice is the holder of the Certificates described therein according to the records of the relevant Clearing System or Account Holder, as the case may be. Subject thereto, the relevant Clearing System, the relevant Account Holder or, as the case may be, Frankfurt Certificate Agent will confirm to the Principal Security Agent the series number and number of Certificates which are the subject of such notice, the relevant account details and the details for the delivery of the Entitlement of each Certificate. Upon receipt of such confirmation, the Principal Security Agent will inform the Issuer thereof. The relevant Clearing System or, as the case may be, the relevant Account Holder will on or before the Delivery Date or (in the case of Credit Certificates) the Delivery Date (as defined in the Credit Security Conditions) debit the securities account of the relevant Holder or, in the case of CBF Certificates, the securities account of the Frankfurt Certificate Agent with the relevant Certificates.

In the case of Certificates represented by a Rule 144A Global Certificate held by a Custodian on behalf of DTC, upon receipt of an Asset Transfer Notice, the New York Security Agent shall verify that the person delivering the Asset Transfer Notice is the Holder according to the records of DTC. Subject thereto, the New York Security Agent will confirm the series number and number of Certificates the subject of such notice, the relevant account details and the details for the delivery of the Entitlement of each Certificate. Upon receipt of such confirmation, the New York Security Agent will inform BNPP thereof. The New York Security Agent will, on or before the Delivery Date or (in the case of Credit Certificates) the Delivery Date (as defined in the Credit Security Conditions), debit the account of the relevant Holder with the relevant Certificates. In the case of Private Placement Definitive Certificates, upon receipt of an Asset Transfer Notice, the Definitive Security Agent shall verify that the person delivering the Asset Transfer Notice is the Holder according to the Private Placement Register. Subject thereto, the Definitive Security Agent will confirm the series number and number of Certificates the subject of such notice and the details for the delivery of the Entitlement of each Certificate. Upon

## TERMS AND CONDITIONS OF THE SECURITIES

receipt of such confirmation, the Definitive Security Agent will inform BNPP thereof. The Definitive Security Agent will, on or before the Delivery Date or (in the case of Credit Certificates) the Delivery Date (as defined in the Credit Security Conditions), update the Private Placement Register.

In the case of definitive Registered Certificates, upon receipt of an Asset Transfer Notice, the Registrar shall verify that the person delivering the Asset Transfer Notice is the Holder according to the Register. Subject thereto, the Registrar will confirm the series number and number of Certificates the subject of such notice and the details for the delivery of the Entitlement of each Certificate. Upon receipt of such confirmation, the Registrar will inform the Issuer thereof. The Registrar will, on or before the Delivery Date or (in the case of Credit Certificates) the Delivery Date (as defined in the Credit Security Conditions), update the Register.

In the case of CREST Dematerialised Certificates, upon receipt of an Asset Transfer Notice, the Euroclear Registrar shall verify that the person delivering the Asset Transfer Notice is the Holder of the related CREST Dematerialised Certificates (described therein) according to the Record maintained by the Euroclear Registrar. Subject thereto, the Euroclear Registrar will confirm the series number and number of Certificates the subject of such notice, the relevant account details (if applicable) and the details for the delivery of the Entitlement of each Certificate. Upon receipt of such confirmation, the Euroclear Registrar will inform BNPP B.V. as Issuer thereof. The Euroclear Registrar will, on or before the Delivery Date or (in the case of Credit Certificates) the Delivery Date (as defined in the Credit Security Conditions), amend the Record.

### (iii) Determinations and Delivery

Any determination as to whether an Asset Transfer Notice is duly completed and in proper form shall be made by (i) in the case of CBF Certificates, the Frankfurt Certificate Agent, (ii) in the case of Clearing System Global Certificates (other than CBF Certificates or Certificates represented by a Rule 144A Global Certificate held by a Custodian on behalf of DTC) and a Registered Global Certificate, the relevant Clearing System or, as the case may be, the relevant Account Holder, (iii) in the case of Certificates represented by a Rule 144A Global Certificate held by a Custodian on behalf of DTC, the New York Security Agent, (iv) in the case of Private Placement Definitive Certificates, the Definitive Security Agent, (v) in the case of definitive Registered Certificates, the Registrar, or (vi) in the case of CREST Dematerialised Certificates, the Euroclear Registrar, and (other than in the case of CREST Dematerialised Certificates), in each case, in consultation with the Principal Security Agent, and shall be conclusive and binding on the Issuer, the Guarantor, if any, the Security Agents, the Euroclear Registrar (if applicable) and the relevant Holder. Subject as set out below, any Asset Transfer Notice so determined to be incomplete or not in proper form, or which is not copied to the Principal Security Agent immediately after being delivered or sent to the relevant Clearing System or, as the case may be, the relevant Account Holder, the New York Security Agent, the Definitive Security Agent, the Frankfurt Certificate Agent, the Euroclear Registrar or the Registrar, as provided in paragraph (i) above, shall be null and void.

If such Asset Transfer Notice is subsequently corrected to the satisfaction of the relevant Clearing System, the Frankfurt Certificate Agent, the New York Security Agent, the Definitive Security Agent, the Euroclear Registrar or the Registrar or, as the case may be, the relevant Account Holder, (other than in the case of CREST Dematerialised Certificates), in consultation with the Principal Security Agent, it shall be deemed to be a new Asset Transfer Notice submitted at the time such correction was delivered to the relevant Clearing System, the Frankfurt Certificate Agent, the New York Security Agent, the Definitive Security Agent, the Euroclear Registrar or the Registrar or, as the case may be, the relevant Account Holder and the Principal Security Agent.

## TERMS AND CONDITIONS OF THE SECURITIES

The relevant Clearing System, the Frankfurt Certificate Agent, the New York Security Agent, the Definitive Security Agent, the Euroclear Registrar or the Registrar, as the case may be, or, as the case may be, the relevant Account Holder shall use its best efforts promptly to notify the Holder submitting an Asset Transfer Notice if, in consultation with the Principal Security Agent, it has determined that such Asset Transfer Notice is incomplete or not in proper form. In the absence of negligence or wilful misconduct on its part, none of the Issuer, the Guarantor, if any, the Security Agents, the Registrar, the Euroclear Registrar or the relevant Clearing System or, as the case may be, the relevant Account Holder shall be liable to any person with respect to any action taken or omitted to be taken by it in connection with such determination or the notification of such determination to a Holder.

No Asset Transfer Notice may be withdrawn after receipt thereof by the relevant Clearing System, the relevant Account Holder, the Registrar, the Euroclear Registrar or the relevant Security Agent, as the case may be, as provided above. After delivery of an Asset Transfer Notice, the relevant Holder may not transfer the Certificates which are the subject of such notice.

The Entitlement will be delivered at the risk of the relevant Holder, in the manner provided below on the Redemption Date (such date, subject to adjustment in accordance with this Condition, the "**Delivery Date**") or (in the case of Credit Certificates) the Delivery Date (as defined in the Credit Security Conditions), provided that the Asset Transfer Notice is duly delivered to the relevant Clearing System or the relevant Security Agent, the relevant Account Holder or, as the case may be, the Frankfurt Certificate Agent or the Euroclear Registrar, and other than in the case of CREST Dematerialised Certificates, with a copy to the Principal Security Agent, as provided above on or prior to the Cut-Off Date.

If a Holder fails to give an Asset Transfer Notice as provided herein and, other than in the case of CREST Dematerialised Certificates, with a copy to the Principal Security Agent, on or prior to the Cut-off Date, then the Entitlement will be delivered or, as the case may be, Delivered, as soon as practicable after the Redemption Date (in which case, such date of delivery shall be the Delivery Date) or (in the case of Credit Certificates) the original date fixed for delivery, at the risk of such Holder in the manner provided herein. For the avoidance of doubt, in such circumstances such Holder shall not be entitled to any payment, whether of interest or otherwise, as a result of the Delivery Date or the Delivery Date (as defined in the Credit Security Conditions), as the case may be, falling after the Redemption Date or the original date fixed for delivery, as applicable, and no liability in respect thereof shall attach to the Issuer or the Guarantor, if any.

- (iv) The Issuer shall at the risk of the relevant Holder, deliver or procure the delivery of the Entitlement or (in the case of Credit Certificates) Deliver the Deliverable Obligations, obligations and/or other assets comprising the Entitlement for each Certificate, pursuant to the details specified in the Asset Transfer Notice or in such commercially reasonable manner as the Calculation Agent shall acting in good faith determine and notify to the person designated by the Holder in the relevant Asset Transfer Notice. All Expenses arising from the delivery of the Entitlement or (in the case of Credit Certificates) Delivery of the Deliverable Obligations, obligations and/or other assets comprising the Entitlement, as the case may be, in respect of such Certificates shall be for the account of the relevant Holder and no delivery of the Entitlement or Delivery of the Deliverable Obligations, obligations and/or other assets comprising the Entitlement, as the case may be, shall be made until all Expenses have been paid to the satisfaction of the Issuer by the relevant Holder.

- (b) Physical Delivery Exercisable Certificates

- (i) Exercise Notice in respect of Physical Delivery Exercisable Certificates



## TERMS AND CONDITIONS OF THE SECURITIES

Physical Delivery Exercisable Certificates may only be exercised by the delivery, or the sending by fax, of a duly completed exercise notice (an "**Exercise Notice**") in the form set out in the Agency Agreement (copies of which may be obtained from the relevant Clearing System or the Principal Security Agent during normal office hours) to Clearstream, Luxembourg or Euroclear and/or any other relevant Clearing System, as the case may be, with a copy to the Principal Security Agent on or prior to 10.00 a.m. (Milan time) on the Exercise Date.

The Exercise Notice shall:

- (A) specify the series number of the Certificates and the number of Certificates being exercised;
  - (B) specify the number of the Holder's securities account at the relevant Clearing System to be debited with the Certificates being exercised;
  - (C) irrevocably instruct Clearstream, Luxembourg or Euroclear and/or any other relevant Clearing System to debit on or before the Delivery Date the Holder's securities account with the Certificates being exercised;
  - (D) include an undertaking to pay all Expenses and an authority to the relevant Clearing System to debit a specified account at the relevant Clearing System in respect thereof and to pay such Expenses;
  - (E) include such details as are required by the applicable Final Terms for delivery of the Entitlement which may include account details and/or the name and address of any person(s) into whose name evidence of the Entitlement is to be registered and/or any bank, broker or agent to whom documents evidencing the Entitlement are to be delivered and specify the name and number of the account with the relevant Clearing System to be credited with any cash payable by the Issuer, either in respect of any cash amount constituting the Entitlement or any dividends relating to the Entitlement or as a result of the occurrence of a Settlement Disruption Event or a Failure to Deliver due to Illiquidity and the Issuer electing to pay the Disruption Cash Settlement Price or Failure to Deliver Settlement Price, as applicable, or as a result of the Issuer electing to pay the Alternate Cash Amount;
  - (F) in the case of Currency Securities only, specify the number of the account at the relevant Clearing System to be credited with the amount due upon exercise of the Certificates;
  - (G) certify that the beneficial owner of each Certificate being exercised is not a U.S. person (as defined in the Exercise Notice), the Certificate is not being exercised within the United States or on behalf of a U.S. person and no cash, securities or other property has been or will be delivered within the United States or to, or for the account or benefit of, a U.S. person in connection with any exercise thereof and, where appropriate, include an undertaking to provide such various forms of certification in respect of restrictions under the securities, commodities, tax and other laws of the United States of America, as indicated and set out in the applicable Final Terms; and
  - (H) authorise the production of such certification in any applicable administrative or legal proceedings, all as provided in the Agency Agreement.
- (ii) Verification of the Holder

Upon receipt of an Exercise Notice, the relevant Clearing System shall verify that the person exercising the Certificates is the holder thereof according to the books of such Clearing System. Subject thereto, the relevant Clearing System will confirm to the Principal Security Agent the series number and the

## TERMS AND CONDITIONS OF THE SECURITIES

number of Certificates being exercised and the account details for the delivery of the Entitlement of each Certificate. Upon receipt of such confirmation, the Principal Security Agent will inform the Issuer thereof. On or before the Delivery Date, the relevant Clearing System will debit the securities account of the relevant Holder with the Certificates being exercised.

(iii) Settlement

Subject as provided in Condition 34.7(b), the Issuer shall on the Delivery Date deliver, or procure the delivery of, the Entitlement for each duly exercised Certificate, pursuant to the details specified in the Exercise Notice. Subject as provided in Condition 34.7(b), the Entitlement shall be delivered and evidenced in such manner as set out in the applicable Final Terms.

(iv) Determinations

Any determination as to whether an Exercise Notice is duly completed and in proper form shall be made by the relevant Clearing System and shall be conclusive and binding on the Issuer, the Guarantor (if any), the Security Agents and the relevant Holder. Subject as set out below, any Exercise Notice so determined to be incomplete or not in proper form or which is not copied to the Issuer or the Principal Security Agent immediately after being delivered or sent to the relevant Clearing System shall be null and void.

If such Exercise Notice is subsequently corrected to the satisfaction of the relevant Clearing System in consultation with the Principal Security Agent, it shall be deemed to be a new Exercise Notice submitted at the time at which such correction was delivered to the relevant Clearing System and the Issuer or the Principal Security Agent.

Any Certificate with respect to which the Exercise Notice has not been duly completed and delivered in accordance with Condition 35.2(b)(i) shall become null and void.

(v) Delivery of an Exercise Notice

Delivery of an Exercise Notice shall constitute an irrevocable election by the relevant Holder to exercise the Certificates specified therein. After the delivery of such Exercise Notice, such exercising Holder may not transfer such Certificates.

(c) General

If Aggregation is specified as applicable in the applicable Final Terms, certificates held by the same Holder will be aggregated for the purpose of determining the aggregate Entitlements in respect of such Certificates, provided that the aggregate Entitlements in respect of the same Holder will be rounded down to the nearest whole unit of the Relevant Asset, each of the Relevant Assets, the Deliverable Obligation or the Deliverable Obligations, as the case may be, in such manner as the Calculation Agent shall determine. Fractions of the Relevant Asset, of each of the Relevant Assets, the Deliverable Obligation or the Deliverable Obligations, as the case may be, will not be delivered and in lieu thereof a cash adjustment calculated by the Calculation Agent acting in good faith and in a commercially reasonable manner shall be paid to the Holder.

Following the Delivery Date of a Share Security or ETI Security all dividends on the relevant Shares or ETI Interests to be delivered will be payable to the party that would receive such dividend according to market practice for a sale of the Shares or ETI Interests executed on the Delivery Date and to be delivered in the same manner as such relevant Shares or ETI Interests. Any such dividends to be paid to a Holder will be paid to the account specified by the Holder in the relevant Asset Transfer Notice as referred to in Condition 35.2(a)(i).

For such period of time after delivery of the Entitlement or (in the case of Credit Certificates) Delivery of the Deliverable Obligations as the Issuer or any person acting on behalf of the Issuer shall continue to be the legal

## TERMS AND CONDITIONS OF THE SECURITIES

owner of the securities or Deliverable Obligations, obligations and/or other assets comprising the Entitlement (the "**Intervening Period**"), none of the Issuer, the Guarantor, if any, the Calculation Agent nor any other person shall at any time (i) be under any obligation to deliver or procure delivery to any Holder any letter, certificate, notice, circular or any other document or, except as provided herein, payment whatsoever received by that person in respect of such securities, obligations, assets or Deliverable Obligations, (ii) be under any obligation to exercise or procure exercise of any or all rights attaching to such securities, obligations, assets or Deliverable Obligations or (iii) be under any liability to a Holder in respect of any loss or damage which such Holder may sustain or suffer as a result, whether directly or indirectly, of that person being registered during such Intervening Period as legal owner of such securities, obligations, assets or Deliverable Obligations.

- (d) Commodity Securities shall not be Physical Delivery Certificates.

### 36. PRESCRIPTION

Claims against the Issuer or the Guarantor, if any, for payment of principal, interest and/or Premium Amount in respect of the Certificates (other than Finnish Dematerialised Certificates) shall become void unless made within 60 months from the Redemption Date, or in the case of Finnish Dematerialised Certificates, within three years from the Redemption Date, and no claims shall be made after such date.

### 37. RECOGNITION OF BAIL-IN AND LOSS ABSORPTION

#### 37.1 Acknowledgement

By its acquisition of the Securities, each Holder (which, for the purposes of this Condition 37, includes any current or future holder of a beneficial interest in the Securities) acknowledges, accepts, consents and agrees:

- (a) to be bound by the effect of the exercise of the Bail-in or Loss Absorption Power (as defined below) by the Relevant Resolution Authority (as defined below), which may include and result in any of the following, or some combination thereof:
  - (i) the reduction of all, or a portion, of the Amounts Due (as defined below);
  - (ii) the conversion of all, or a portion, of the Amounts Due into shares, other securities or other obligations of the Issuer (or, if applicable, the Guarantor) or another person (and the issue to the Holder of such shares, securities or obligations), including by means of an amendment, modification or variation of the terms of the Securities (or, if applicable, the Guarantee), in which case the Holder agrees to accept in lieu of its rights under the Securities (or, if applicable, the Guarantee) any such shares, other securities or other obligations of the Issuer (or, if applicable, the Guarantor) or another person;
  - (iii) the cancellation of the Securities (or, if applicable, the Guarantee); and/or
  - (iv) the amendment or alteration of the term of the Securities (or, if applicable, the Guarantee) or amendment of the amount of interest or Premium Amount payable on the Securities (or, if applicable, the Guarantee), or the date on which the interest or Premium Amount becomes payable, including by suspending payment for a temporary period;
- (b) that the terms of the Securities (or, if applicable, the Guarantee) are subject to, and may be varied, if necessary, to give effect to, the exercise of the Bail-in or Loss Absorption Power by the Relevant Resolution Authority (each as defined below).

For these purposes, the "**Amounts Due**" are (a) the amounts payable on, or the Entitlement deliverable in respect of, each Security that has not been previously redeemed or cancelled or is otherwise no longer due or (b) the amounts payable by the Guarantor under the Guarantee.

37.2 Bail-in or Loss Absorption Power

For these purposes, the "**Bail-in or Loss Absorption Power**" is any power existing from time to time under any laws, regulations, rules or requirements in effect in France, relating to the transposition of Directive 2014/59/EU of the European Parliament and of the Council of 15 May 2014 establishing a framework for the recovery and resolution of credit institutions and investment firms (as amended from time to time, the "**BRRD**"), including without limitation pursuant to French decree-law No. 2015-1024 dated 20 August 2015 (*Ordonnance portant diverses dispositions d'adaptation de la législation au droit de l'Union européenne en matière financière*) (as amended from time to time) ratified by the Law n°2016-1691 of 9 December 2016 relating to transparency, the fight against corruption and the modernisation of economic life (*Loi no. 2016-1691 du 9 décembre 2016 relative à la transparence, à la lutte contre la corruption et à la modernisation de la vie économique*) (as amended from time to time, this ordinance was ratified by the Law n°2016-1691 ), Regulation (EU) No 806/2014 of the European Parliament and of the Council of 15 July 2014 establishing uniform rules and a uniform procedure for the resolution of credit institutions and certain investment firms in the framework of a Single Resolution Mechanism and a Single Resolution Fund and amending Regulation (EU) No 1093/2010 (as amended from time to time, including by Regulation (EU) 2019/877 dated 20 May 2019, the "**Single Resolution Mechanism Regulation**"), or otherwise arising under French law, and in each case the instructions, rules and standards created thereunder, pursuant to which the obligations of a Regulated Entity (or an affiliate of such Regulated Entity) can be reduced (in part or in whole), cancelled, suspended, transferred, varied or otherwise modified in any way, or securities of a Regulated Entity (or an affiliate of such Regulated Entity) can be converted into shares, other securities, or other obligations of such Regulated Entity or any other person, whether in connection with the implementation of a bail-in tool following placement in resolution.

A reference to a "**Regulated Entity**" is to any entity referred to in Section I of Article L.613- 34 of the French *code monétaire et financier*, which includes certain credit institutions, investment firms, and certain of their parent or holding companies established in France.

A reference to the "**Relevant Resolution Authority**" is to the *Autorité de contrôle prudentiel et de résolution*, the Single Resolution Board established pursuant to the Single Resolution Mechanism Regulation, and/or any other authority entitled to exercise or participate in the exercise of any Bail-in or Loss Absorption Power from time to time (including the Council of the European Union and the European Commission when acting pursuant to Article 18 of the Single Resolution Mechanism Regulation).

37.3 Payment of Interest, Premium Amount and Other Outstanding Amounts Due

No repayment or payment of the Amounts Due will become due and payable or be paid after the exercise of the Bail-in or Loss Absorption Power by the Relevant Resolution Authority with respect to the Issuer (or, if applicable, the Guarantor) unless, at the time such repayment or payment, respectively, is scheduled to become due, such repayment or payment would be permitted to be made by the Issuer (or, if applicable, the Guarantor) under the laws and regulations in effect in France and the European Union applicable to the Issuer (or, if applicable, the Guarantor) or other members of its group.

37.4 No Event of Default

Neither a cancellation of the Securities, a reduction, in part or in full, of the Amounts Due, the conversion thereof into another security or obligation of the Issuer (or, if applicable, the Guarantor) or another person, as a result of the exercise of the Bail-in or Loss Absorption Power by the Relevant Resolution Authority with respect to the Issuer (or, if applicable, the Guarantor), nor the exercise of any Bail-in or Loss Absorption Power by the Relevant Resolution Authority with respect to the Securities will be an event of default or otherwise constitute non-performance of a contractual obligation, or entitle the Holder to any remedies (including equitable remedies) which are hereby expressly waived.

37.5 Notice to Holders

## TERMS AND CONDITIONS OF THE SECURITIES

Upon the exercise of any Bail-in or Loss Absorption Power by the Relevant Resolution Authority with respect to the Securities, the Issuer (or, if applicable, the Guarantor) will give notice to the Holders in accordance with Condition 10 (Notices) as soon as practicable regarding such exercise of the Bail-in or Loss Absorption Power. The Issuer (or, if applicable, the Guarantor) will also deliver a copy of such notice to the Principal Security Agent for information purposes, although the Principal Security Agent shall not be required to send such notice to Holders. Any delay or failure by the Issuer (or, if applicable, the Guarantor) to give notice shall not affect the validity and enforceability of the Bail-in or Loss Absorption Power nor the effects on the Securities described in Condition 37.1 above.

### 37.6 Duties of the Principal Security Agent

Upon the exercise of any Bail-in or Loss Absorption Power by the Relevant Resolution Authority, the Issuer (or, if applicable, the Guarantor) and each Holder (including each holder of a beneficial interest in the Securities) hereby agree that (a) the Principal Security Agent shall not be required to take any directions from Holders, and (b) the Agency Agreement shall impose no duties upon the Principal Security Agent whatsoever, in each case with respect to the exercise of any Bail-in or Loss Absorption Power by the Relevant Resolution Authority.

Notwithstanding the foregoing, if, following the completion of the exercise of the Bail-In Power by the Relevant Resolution Authority, any Securities remain outstanding (for example, if the exercise of the Bail-In Power results in only a partial write-down of the principal of the Securities), then the Principal Security Agent's duties under the Agency Agreement shall remain applicable with respect to the Securities following such completion to the extent that the Issuer (or, if applicable, the Guarantor) and the Principal Security Agent shall agree pursuant to an amendment to the Agency Agreement.

### 37.7 Pro-rating

If the Relevant Resolution Authority exercises the Bail-in or Loss Absorption Power with respect to less than the total Amounts Due, unless the Principal Security Agent is otherwise instructed by the Issuer (or, if applicable, the Guarantor) or the Relevant Resolution Authority, any cancellation, write-off or conversion made in respect of the Securities pursuant to the Bail-in or Loss Absorption Power will be made on a pro-rata basis.

### 37.8 Conditions Exhaustive

The matters set forth in this Condition 37 shall be exhaustive on the foregoing matters to the exclusion of any other agreements, arrangements or understandings between the Issuer (or, if applicable, the Guarantor) and any holder of a Security.

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

### ANNEX 1

#### ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

##### CONTENTS

1.	ETS Payouts.....	521
2.	SPS Coupon/Premium Amount Rates, Payouts and Entitlement Amounts .....	561
3.	Fixed Income Coupon/Premium Amount Rates and Payouts .....	652
4.	Formulae Constituents and Completion.....	670
5.	Calculation Agent .....	670

The following terms and conditions (the "**Payout Conditions**"), subject to completion in the applicable Final Terms, relate to the payouts in respect of the Securities. In particular, certain sections of the Payout Conditions will be set out and completed in the applicable Final Terms. In the event of any inconsistency between the terms and conditions of the Securities (the "**Security Conditions**") and the Payout Conditions, the Payout Conditions shall prevail. The descriptions of the payouts, coupon rates or premium amount rates and entitlement amounts and/or related provisions included in italics below do not form part of the Payout Conditions, are included for information purposes only and are subject to the detailed terms of the relevant payout, coupon rate or premium amount rate or entitlement amount, as applicable. The nomenclature of ETS payouts is based on a combination of the European Structured Investment Products Association (EUSIPA) categorisation and BNPP's internal codification.

#### 1. ETS PAYOUTS

##### 1.1 Final Payouts

The following final payouts (each a "**Final Payout**") shall apply to the Securities if specified in the applicable Final Terms:

##### (a) ETS Final Payout 1100

If ETS Final Payout 1100 is specified as applicable in the applicable Final Terms:

- (i) if Settlement Price Final is less than or equal to the Protection Level:

Notional Amount  $\times$  Protection Factor; or

- (ii) if Settlement Price Final is greater than the Protection Level:

Notional Amount + Notional Amount  $\times$  Participation Factor  $\times \left( \left( \frac{\text{Settlement Price Final}}{\text{Strike Price}} \right) - 1 \right)$

##### *Description of the Payout*

*If the Settlement Price of the Underlying Reference on the Valuation Date is equal to or less than the Protection Level, the Payout will equal the Notional Amount multiplied by the Protection Factor. Otherwise the Payout will equal the Notional Amount plus the performance of the Underlying Reference multiplied by the Participation Factor.*

##### (b) ETS Final Payout 1120

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

If ETS Final Payout 1120 is specified as applicable in the applicable Final Terms:

- (i) if Settlement Price Final is less than or equal to the Protection Level:

Notional Amount  $\times$  Protection Factor; or

- (ii) if Settlement Price Final is greater than the Protection Level:

$$\text{Min (Notional Amount + Notional Amount} \times \text{Participation Factor} \times \left[ \left( \frac{\text{Settlement Price Final}}{\text{Strike Price}} \right) - 1 \right];$$

Notional Amount  $\times$  Cap Level Percentage);

### ***Description of the Payout***

*If the Settlement Price of the Underlying Reference on the Valuation Date is equal to or less than the Protection Level, the Payout will equal the Notional Amount multiplied by the Protection Factor. Otherwise the Payout will equal the Notional Amount plus the performance of the Underlying Reference multiplied by the Participation Factor, subject to a cap of the Cap Level Percentage.*

### (c) **ETS Final Payout 1200**

If ETS Final Payout 1200 is specified as applicable in the applicable Final Terms:

- (i) if Settlement Price Final is less than or equal to the Maximum Payout Amount:

$$\frac{\text{Settlement Price Final}}{[\text{Parity} \times \text{Exchange Rate Final}]}, \text{ or}$$

- (ii) if Settlement Price Final is greater than the Maximum Payout Amount:

$$\frac{\text{Maximum Payout Amount}}{\text{Parity} \times \text{Exchange Rate Final}}$$

### ***Description of the Payout***

*If the Settlement Price of the Underlying Reference on the Valuation Date is equal to or less than the Maximum Payout Amount, the Payout will equal the Settlement Price on the Valuation Date (divided by the product of the Exchange Rate and Parity). Otherwise the Payout will equal the Maximum Payout Amount (divided by the product of the Exchange Rate and Parity).*

### (d) **ETS Final Payout 1230/1**

If ETS Final Payout 1230/1 is specified as applicable in the applicable Final Terms:

- (i) if Settlement Price Final is equal to or greater than the Barrier Level:

Notional Amount  $\times$  (100% + Coupon Percentage); or

- (ii) if Settlement Price Final is less than the Barrier Level:

$$\text{Notional Amount} \times \frac{\text{Settlement Price Final}}{\text{Strike Price}} + \text{Coupon Percentage.}$$

### ***Description of the Payout***

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

*If the Settlement Price of the Underlying Reference on the Valuation Date is equal to or greater than the Barrier Level, the Payout will equal the Notional Amount plus the Coupon Percentage. Otherwise the Payout will equal the Notional Amount minus the performance of the Underlying Reference plus the Coupon Percentage.*

### (e) **ETS Final Payout 1230/2**

If ETS Final Payout 1230/2 is specified as applicable in the applicable Final Terms:

- (i) if at all times on each Observation Date during the Observation Period the Underlying Reference Level is greater than the Barrier Level:

Notional Amount  $\times$  (100% + Coupon Percentage); or

- (ii) if at any time on an Observation Date during the Observation Period the Underlying Reference Level is less than or equal to the Barrier Level:

Notional Amount  $\times \frac{\text{Settlement Price Final}}{\text{Strike Price}} + \text{Coupon Percentage}.$

#### **Description of the Payout**

*If no Knock-Out Event occurs during the term of the Securities, the Payout will equal the Notional Amount plus the Coupon Percentage. Otherwise the Payout will equal the Notional Amount minus the performance of the Underlying Reference plus the Coupon Percentage.*

### (f) **ETS Final Payout 1240/1**

If ETS Final Payout 1240/1 is specified as applicable in the applicable Final Terms:

- (i) if Settlement Price Final is greater than the Strike Price:

Notional Amount  $\times \text{Min} [L \times \left( \frac{\text{Settlement Price Final} - \text{Strike Price}}{\text{Strike Price}} \right) + 1; \text{Cap Level Percentage}]$   
; or

- (ii) if Settlement Price Final is less than or equal to the Strike Price:

Notional Amount  $\times \left( \frac{\text{Settlement Price Final}}{\text{Strike Price}} \right).$

#### **Description of the Payout**

*If the Settlement Price of the Underlying Reference on the Valuation Date is greater than the Strike Price, the Payout will equal the Notional Amount plus L multiplied by the performance of the Underlying Reference, subject to a cap of the Cap Level Percentage. Otherwise, the Payout will equal the Notional Amount minus the performance of the Underlying Reference.*

### (g) **ETS Final Payout 1240/2**

If ETS Final Payout 1240/2 is specified as applicable in the applicable Final Terms:

- (i) if Settlement Price Final is greater than the Strike Price:

Notional Amount  $\times \text{Min} [L \times \left( \frac{\text{Settlement Price Final} - \text{Strike Price}}{\text{Strike Price}} \right) + 1; \text{Cap Level Percentage}] ;$



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (ii) if Settlement Price Final is less than or equal to the Strike Price and no Knock-out Event has occurred:

Notional Amount  $\times$  100%; or

- (iii) if Settlement Price Final is less than or equal to the Strike Price and a Knock-out Event has occurred:

Notional Amount  $\times \left( \frac{\text{Settlement Price Final}}{\text{Strike Price}} \right)$ .

### ***Description of the Payout***

*If the Settlement Price of the Underlying Reference on the Valuation Date is greater than the Strike Price, the Payout will equal the Notional Amount plus L multiplied by the performance of the Underlying Reference, subject to a cap of the Cap Level Percentage. If the Settlement Price of the Underlying Reference on the Valuation Date is less than or equal to the Strike Price and no Knock-out Event has occurred, the Payout provides 100% capital protection. Otherwise the Payout will equal the Notional Amount minus the performance of the Underlying Reference.*

#### **(h) ETS Final Payout 1240/3**

If ETS Final Payout 1240/3 is specified as applicable in the applicable Final Terms:

- (i) if Settlement Price Final is greater than the Strike Price:

Notional Amount  $\times \text{Min} \left[ L \times \left( \frac{\text{Settlement Price Final} - \text{Strike Price}}{\text{Strike Price}} \right) + 1; \text{Cap Level Percentage} \right]$ ;

- (ii) if Settlement Price Final is less than or equal to the Strike Price and equal to or greater than the Barrier Level:

Notional Amount  $\times$  100%; or

- (iii) if Settlement Price Final is less than the Barrier Level:

Notional Amount  $\times \left( \frac{\text{Settlement Price Final}}{\text{Strike Price}} \right)$ .

### ***Description of the Payout***

*If the Settlement Price of the Underlying Reference on the Valuation Date is greater than the Strike Price, the Payout will equal the Notional Amount plus L multiplied by the performance of the Underlying Reference, subject to a cap of the Cap Level Percentage. If the Settlement Price of the Underlying Reference on the Valuation Date is less than or equal to the Strike Level but greater than or equal to the Barrier Level, the Payout provides for 100% principal protection. Otherwise the Payout will equal the Notional Amount minus the performance of the Underlying Reference.*

#### **(i) ETS Final Payout 1240/4**

If ETS Final Payout 1240/4 is specified as applicable in the applicable Final Terms:

- (i) if Settlement Price Final is greater than the Strike Price:

$\frac{[\text{Strike Price} + \text{Sprint Factor} \times [\text{Min}(\text{Upper Level}; \text{Settlement Price Final}) - \text{Strike Price}]]}{[\text{Parity} \times \text{Exchange Rate Final}]}$ , or

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (ii) if Settlement Price Final is less than or equal to the Strike Price:

$$\frac{\text{Settlement Price Final}}{[\text{Parity} \times \text{Exchange Rate Final}]}$$

### **Description of the Payout**

*If the Settlement Price of the Underlying Reference on the Valuation Date is greater than the Strike Price, the Payout will equal the Strike Price plus the Sprint Factor multiplied by the difference between the Settlement Price of the Underlying Reference on the Valuation Date and the Strike Price, subject to a cap of the Strike Price plus the Sprint Factor multiplied by the Upper Level less the Strike Price divided by the product of the Exchange Rate and Parity. Otherwise, the Payout will equal the Settlement Price of the Underlying Reference on the Valuation Date divided by the product of the Exchange Rate and Parity.*

### **(j) ETS Final Payout 1250/1**

If ETS Final Payout 1250/1 is specified as applicable in the applicable Final Terms:

- (i) if Settlement Price Final is greater than the Barrier Level:

$$\frac{\text{Bonus Level}}{[\text{Parity} \times \text{Exchange Rate Final}]}; \text{ OR}$$

- (ii) if Settlement Price Final is less than or equal to the Barrier Level:

$$\frac{\text{Min} [\text{Settlement Price Final}; \text{Cap Level}]}{[\text{Parity} \times \text{Exchange Rate Final}]}$$

### **Description of the Payout**

*If the Settlement Price of the Underlying Reference on the Valuation Date is greater than the Barrier Level, the Payout will equal the Bonus Level (divided by the product of the Exchange Rate and Parity). Otherwise the Payout will be equal to the Settlement Price on the Valuation Date (divided by the product of the Exchange Rate and Parity).*

### **(k) ETS Final Payout 1250/2**

If ETS Final Payout 1250/2 is specified as applicable in the applicable Final Terms:

- (i) if Settlement Price Final is less than the Cap Level and greater than the Barrier Level:

$$\frac{[\text{Notional Amount} \times \text{Max} \left( \text{Bonus Level Percentage}; \frac{\text{Settlement Price Final}}{\text{Strike Price}} \right)]}{\text{Exchange Rate Final}},$$

- (ii) if Settlement Price Final is equal to or greater than the Cap Level:

$$\frac{[\text{Notional Amount} \times \text{Cap Level Percentage}]}{\text{Exchange Rate Final}}; \text{ OR}$$

- (iii) if Settlement Price Final is less than or equal to the Barrier Level:

$$\frac{[\text{Notional Amount} \times \frac{\text{Settlement Price Final}}{\text{Strike Price}}]}{\text{Exchange Rate Final}}.$$

### **Description of the Payout**

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

*If the Settlement Price of the Underlying Reference on the Valuation Date is less than the Cap Level and greater than the Barrier Level, the Payout will equal the Notional Amount multiplied by the greater of (i) the Bonus Level Percentage and (ii) the Settlement Price on the Valuation Date divided by the Strike Price, all divided by the Exchange Rate. If the Settlement Price of the Underlying Reference on the Valuation Date is equal to or greater than the Cap Level, the Payout will equal the Notional Amount multiplied by the Cap Level Percentage, all divided by the Exchange Rate. Otherwise, the Payout will equal the Notional Amount multiplied by the Settlement Price on the Valuation Date divided by the Strike Price, all divided by the Exchange Rate.*

### (l) **ETS Final Payout 1250/3**

If ETS Final Payout 1250/3 is specified as applicable in the applicable Final Terms:

- (i) if no Knock-out Event has occurred and Settlement Price Final is greater than the Cap Level:

$$\text{Notional Amount} \times \text{Max} \left[ 200\% - \text{Bonus Level Percentage}; 200\% - \frac{\text{Settlement Price Final}}{\text{Strike Price}} \right],$$

- (ii) if no Knock-out Event has occurred and Settlement Price Final is less than or equal to the Cap Level:

$$\text{Notional Amount} \times [200\% - \text{Cap Level Percentage}]; \text{ or}$$

- (iii) if a Knock-out Event has occurred:

$$\text{Notional Amount} \times \left[ \text{Max} \left( 0, \text{Min} \left( \left( 200\% - \frac{\text{Settlement Price Final}}{\text{Strike Price}} \right); (200\% - \text{Cap Level Percentage}) \right) \right) \right]$$

#### **Description of the Payout**

*If the Settlement Price of the Underlying Reference on the Valuation Date is greater than the Cap Level and no Knock-out Event occurs, the Payout will equal the Notional Amount multiplied by 200% minus the Bonus Level Percentage or the performance of the Underlying Reference, if lower. If the Settlement Price of the Underlying Reference on the Valuation Date is equal to or less than the Cap Level, the Payout will equal the Notional Amount multiplied by 200% minus the Cap Level Percentage. Otherwise, the Payout will equal the maximum of zero and the lesser of the Notional Amount multiplied by 200% minus the performance of the Underlying Reference and the Notional Amount minus the Cap Level Percentage.*

### (m) **ETS Final Payout 1250/4**

If ETS Final Payout 1250/4 is specified as applicable in the applicable Final Terms:

- (i) if the Underlying Reference Level has never been less than or equal to the Barrier Level at any time on any Observation Date during the Observation Period:

$$\frac{\text{Bonus Level}}{[\text{Parity} \times \text{Exchange Rate Final}]}, \text{ or}$$

- (ii) otherwise:

$$\frac{\text{Min}[\text{Settlement Price Final}; \text{Cap Level}]}{[\text{Parity} \times \text{Exchange Rate Final}]}$$

#### **Description of the Payout**

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

*If the Underlying Reference Level has never been less than or equal to the Barrier Level during the Observation Period, the Payout will be equal to the Bonus Level (divided by the Exchange Rate and Parity). Otherwise the Payout will be equal to the Settlement Price on the Valuation Date (divided by the product of the Exchange Rate and Parity) subject to a maximum of Cap Level (divided by the Exchange Rate and Parity).*

(n) **ETS Final Payout 1250/5**

If ETS Final Payout 1250/5 is specified as applicable in the applicable Final Terms:

- (i) if at all times on each Observation Date during the Observation Period the Underlying Reference Level is greater than the Barrier Level and if Settlement Price Final is less than the Cap Level:

$$\frac{[\text{Notional Amount} \times \text{Max} \left( \text{Bonus Level Percentage} ; \frac{\text{Settlement Price Final}}{\text{Strike Price}} \right)]}{\text{Exchange Rate Final}};$$

- (ii) if at all times on each Observation Date during the Observation Period the Underlying Reference Level is greater than the Barrier Level and if Settlement Price Final is equal to or greater than the Cap Level:

$$\frac{[\text{Notional Amount} \times \text{Cap Level Percentage}]}{\text{Exchange Rate Final}}; \text{ or}$$

- (iii) if at any time on an Observation Date during the Observation Period the Underlying Reference Level is less than or equal to the Barrier Level:

$$\frac{[\text{Notional Amount} \times \text{Min} \left( \text{Cap Level Percentage} ; \frac{\text{Settlement Price Final}}{\text{Strike Price}} \right)]}{\text{Exchange Rate Final}}.$$

### ***Description of the Payout***

*If the Settlement Price of the Underlying Reference on the Valuation Date is less than the Cap Level and no Knock-out Event occurs, the Payout will equal the Notional Amount multiplied by the greater of (i) the Bonus Level Percentage and (ii) the Settlement Price on the Valuation Date divided by the Strike Price, all divided by the Exchange Rate. If the Settlement Price of the Underlying Reference on the Valuation Date is equal to or greater than the Cap Level and no Knock-out event occurs, the Payout will equal the Notional Amount multiplied by the Cap Level Percentage, all divided by the Exchange Rate. Otherwise, the Payout will equal the Notional Amount multiplied by the lesser of (i) the Cap Level Percentage and (ii) the Settlement Price on the Valuation Date divided by the product of the Strike Price, all divided by the Exchange Rate.*

(o) **ETS Final Payout 1250/6**

If ETS Final Payout 1250/6 is specified as applicable in the applicable Final Terms:

- (i) if Settlement Price Final is greater than the Barrier Level:

Express Amount; or

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (ii) if Settlement Price Final is less than or equal to the Barrier Level:

$$\text{Issue Price} \times \left( \frac{\text{Settlement Price Final}}{\text{Strike Price}} \right).$$

### **Description of the Payout**

*If the Settlement Price of the Underlying Reference on the Valuation Date is greater than the Barrier Level, the Payout will equal the Express Amount. Otherwise, the Payout will equal the Issue Price minus the performance of the Underlying Reference.*

### **(p) ETS Final Payout 1250/7**

If ETS Final Payout 1250/7 is specified as applicable in the applicable Final Terms:

- (i) if at all times on each Observation Date during the Observation Period the Underlying Reference Level is less than the Barrier Level:

$$\frac{\text{Reverse Level} - \text{Bonus Level}}{[\text{Parity} \times \text{Exchange Rate Final}]} ; \text{ or}$$

- (ii) otherwise:

$$\text{Max} \left[ 0; \frac{\text{Reverse Level} - \text{Max}[\text{Settlement Price Final}; \text{Cap Level}]}{\text{Parity} \times \text{Exchange Rate Final}} \right]$$

### **Description of the Payout**

*If the Underlying Reference Level is at all times during the Observation Period less than the Barrier Level, the Payout will equal the difference between the Reverse Level and the Bonus Level (divided by the product of the Exchange Rate and Parity). Otherwise the Payout will equal the Reverse Level minus the greater of the Settlement Price on the Valuation Date and the Cap Level (divided by the product of the Exchange Rate and Parity), subject to a minimum of zero.*

### **(q) ETS Final Payout 1260/1**

If ETS Final Payout 1260/1 is specified as applicable in the applicable Final Terms:

- (i) if Settlement Price Final is greater than or equal to the Strike Price:

$$\text{Notional Amount} \times [100\% + \text{Premium Percentage} \times i];$$

- (ii) if Settlement Price Final is less than the Strike Price and greater than or equal to the Barrier Level:

$$\text{Notional Amount} \times 100\%; \text{ or}$$

- (iii) if Settlement Price Final is less than the Barrier Level:

$$\text{Notional Amount} \times \left[ 100\% + \frac{\text{Settlement Price Final} - \text{Underlying Reference Initial}}{\text{Underlying Reference Initial}} \right].$$

### **Description of the Payout**

*If the Settlement Price of the Underlying Reference on the Valuation Date is greater than or equal to the Strike Price, the Payout will equal the Notional Amount plus a premium. If the Settlement Price of the Underlying Reference on the Valuation Date is lower than the Strike*

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

*Price but greater than or equal to the Barrier Level, the Payout provides 100% principal protection. Otherwise, the Payout will equal the Notional Amount minus the performance of the Underlying Reference.*

(r) **ETS Final Payout 1260/2**

If ETS Final Payout 1260/2 is specified as applicable in the applicable Final Terms:

- (i) if Settlement Price Final is greater than or equal to the Barrier Level:

$$\text{Notional Amount} \times [100\% + \text{Premium Percentage} \times i]; \text{ or}$$

- (ii) if Settlement Price Final is less than the Barrier Level:

$$\text{Notional Amount} \times \left[ 100\% + \left( \frac{\text{Settlement Price Final} - \text{Underlying Reference Initial}}{\text{Underlying Reference Initial}} \right) \right]$$

**Description of the Payout**

*If the Settlement Price of the Underlying Reference on the Valuation Date is greater than or equal to the Barrier Level, the Payout will equal the Notional Amount plus a premium. Otherwise, the Payout will equal the Notional Amount minus the performance of the Underlying Reference.*

(s) **ETS Final Payout 1300**

If ETS Final Payout 1300 is specified as applicable in the applicable Final Terms:

$$\text{Cert}_{(t_0)} \times \text{AF}_{(t)} \times [\text{UR}_{(t)} \times \text{FX}_{(t)} / (\text{UR}_{(t_0)} \times \text{FX}_{(t_0)})]$$

Where:

"**ACT<sub>(i,i-1)</sub>**" means the number of calendar days between two ACT Days;

"**ACT Day**" means Scheduled Trading Days, Custom Index Business Days, Commodity Business Days or calendar days as specified in the applicable Final Terms;

"**AF<sub>(t)</sub>**" means fees factor<sub>(t)</sub> x div reinvested factor<sub>(t)</sub>;

"**Applicable Withholding Tax**" means a percentage calculated by the Calculation Agent representing the amount of taxes deducted or withheld at source by or on behalf of any applicable authority having the power to tax in respect of any cash dividends ex-dividend at date<sub>ti</sub> payable in respect of the relevant Share or a constituent share in an Index pursuant to any applicable double taxation treaty or domestic law prevailing at the time of the distribution;

"**Cert<sub>(t\_0)</sub>**" means the amount specified as such in the applicable Final Terms;

"**div reinvested factor<sub>(t)</sub>**" means:

- (i) if the Underlying Reference is a Share or an Index (where in the determination of the Calculation Agent dividends on the constituent share are not reinvested in the Index),

$$\text{Product}_{(ti=t_0+1) \text{ to } (ti=t)} (1 + \text{Div Percentage} \times \text{Gross div}_{(ti)} / \text{UR}_{(ti-1)}); \text{ or}$$

- (ii) otherwise, 1;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Div Percentage"** means:

- (i) if Applicable Withholding Tax is specified as not applicable in the applicable Final Terms, the percentage specified as such in the applicable Final Terms;
- (ii) if Applicable Withholding Tax is specified as applicable in the applicable Final Terms, an amount calculated by the Calculation Agent equal to  $1 - \text{Applicable Withholding Tax}$ ;

**"Exchange Rate Previous"** means Exchange Rate Initial or the Exchange Rate on the Initial Valuation Date as specified in the applicable Final Terms;

**"fees"** means the percentage specified as such in the applicable Final Terms;

**"fees factor<sub>(t)</sub>"** means  $\text{Product}_{(t=t_0+1) \text{ to } (t=t)} (1 - \text{fees} \times \text{ACT}_{(t,t-1)}/360)$ ;

**"First Valuation Date"** means the Strike Date or the Initial Valuation Date, as specified in the Final Terms;

**"F<sub>X(t)</sub>"** means Exchange Rate Final;

**"F<sub>X(t\_0)</sub>"** means Exchange Rate Previous;

**"Gross div<sub>(ti)</sub>"** means (i) if the Underlying Reference is a Share, any ordinary cash dividends (before deduction of any withholding or deduction of taxes at source by or on behalf of any applicable authority having the power to tax in respect of such dividend and without any tax credit refund or deduction granted by any applicable authority having the power to tax in respect of such dividend) ex-dividend at date<sub>ti</sub> and effectively paid or (ii) if the Underlying Reference is an Index, any ordinary cash dividends (before deduction of any withholding or deduction of taxes at source by or on behalf of any applicable authority having the power to tax in respect of such dividend and without any tax credit refund or deduction granted by any applicable authority having the power to tax in respect of such dividend) ex-dividend at date<sub>ti</sub> on any constituent share in such Index at date<sub>ti</sub>, taking into account the weight of such constituent share at date<sub>ti-1</sub> and effectively paid, provided that if no ordinary cash dividends are paid ex-dividend at date<sub>ti</sub>, Gross div<sub>(ti)</sub> will be zero;

**"Initial Valuation Date"** is the date specified as such in the applicable Final Terms. The Initial Valuation Date shall be deemed to be a Valuation Date and shall be subject to the provisions thereof;

**"UR<sub>(t)</sub>"** means Settlement Price Final;

**"UR<sub>(ti-1)</sub>"** means the Settlement Price of the Underlying Reference on the Scheduled Trading Day prior to the Dividend ex Date<sub>(ti-1)</sub>; and

**"UR<sub>(t\_0)</sub>"** means the Settlement Price of the Underlying Reference on the First Valuation Date.

### ***Description of the Payout***

*The Payout replicates the performance of the Underlying Reference less certain amounts (including, but not limited to, fees (including quanto fees), dividends paid (if applicable) and roll fees depending on the Underlying Reference).*

(t) **ETS Final Payout 1320/1**

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

If ETS Final Payout 1320/1 is specified as applicable in the applicable Final Terms:

- (i) if the Underlying Reference Level has never been less than or equal to the Barrier Level at any time on any Observation Date during the Observation Period:

$$\frac{\text{Max} [\text{Settlement Price Final}; \text{Bonus Level}]}{[\text{Parity} \times \text{Exchange Rate Final}]}, \text{ or}$$

- (ii) otherwise:

$$\frac{\text{Settlement Price Final}}{[\text{Parity} \times \text{Exchange Rate Final}]}$$

### ***Description of the Payout***

*If the Underlying Reference Level has never been less than or equal to the Barrier Level during the Observation Period, the Payout will be equal to the maximum of the Bonus Level (divided by the product of the Exchange Rate and Parity) and the Settlement Price on the Valuation Date (divided by the product of the Exchange Rate and Parity). Otherwise the Payout will be equal to the Settlement Price on the Valuation Date (divided by the Exchange Rate and Parity).*

### **(u) ETS Final Payout 1320/2**

If ETS Final Payout 1320/2 is specified as applicable in the applicable Final Terms:

- (i) if at all times on each Observation Date during the Observation Period the Underlying Reference Level is greater than the Barrier Level:

$$\text{Notional Amount} \times \text{Max} \left( \text{Bonus Level Percentage}; \frac{\text{Settlement Price Final}}{\text{Strike Price}} \right); \text{ or}$$

- (ii) if at any time on an Observation Date during the Observation Period the Underlying Reference Level is less than or equal to the Barrier Level:

$$\text{Notional Amount} \times \left( \frac{\text{Settlement Price Final}}{\text{Strike Price}} \right).$$

### ***Description of the Payout***

*If no Knock-out occurs the Payout will equal the Notional Amount multiplied by the maximum of the Bonus Level Percentage and the performance of the Underlying Reference. Otherwise the Payout will equal the Notional Amount minus the performance of the Underlying Reference.*

### **(v) ETS Final Payout 1320/3**

If ETS Final Payout 1320/3 is specified as applicable in the applicable Final Terms:

- (i) if at all times on each Observation Date during the Observation Period the Underlying Reference Level has been less than the Barrier Level:

$$\frac{\text{Reverse Level} - \text{Min}[\text{Bonus Level}; \text{Settlement Price Final}]}{[\text{Parity} \times \text{Exchange Rate Final}]} ; \text{ or}$$

- (ii) otherwise:

$$\text{Max} \left[ 0; \frac{\text{Reverse Level} - \text{Settlement Price Final}}{\text{Parity} \times \text{Exchange Rate Final}} \right]$$



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

### *Description of the Payout*

*If the Underlying Reference Level is less than the Barrier Level at all times during the Observation Period, the Payout will equal the Reverse Level minus the minimum between the Bonus Level and the Settlement Price on the Valuation Date (divided by the product of the Exchange Rate and Parity). Otherwise the Payout will equal the Reverse Level minus the Settlement Price on the Valuation Date (divided by the product of the Exchange Rate and Parity), subject to a minimum of zero.*

#### (w) **ETS Final Payout 1340/1**

If ETS Final Payout 1340/1 is specified as applicable in the applicable Final Terms:

- (i) if no Knock-out Event has occurred:

Notional Amount  $\times$  [100% + Redemption Premium]; or

- (ii) if a Knock-out Event has occurred:

Notional Amount  $\times \left( \frac{\text{Settlement Price Final}}{\text{Strike Price}} \right)$ .

Where "**Redemption Premium**" means:

$$\text{Max} \left[ \text{Upside Participation Factor} \times \left( \frac{\text{Settlement Price Final}}{\text{Strike Price}} - 1 \right); \text{Downside Participation Factor} \times \left( 1 - \frac{\text{Settlement Price Final}}{\text{Strike Price}} \right) \right]$$

### *Description of the Payout and Redemption Premium*

*If no Knock-out occurs, the Payout will equal the Notional Amount plus the Redemption Premium. Otherwise, the Payout will equal the Notional Amount minus the performance of the Underlying Reference.*

*The Redemption Premium is the absolute value of the performance of the Underlying Reference (being the Settlement Price of the Underlying Reference on the Valuation Date divided by the Strike Price minus 1) multiplied by the relevant participation factor.*

#### (x) **ETS Final Payout 1340/2**

If ETS Final Payout 1340/2 is specified as applicable in the applicable Final Terms:

- (i) if Settlement Price Final is equal to or greater than the Cap Level and no Knock-out Event has occurred:

Notional Amount  $\times$  Cap Level Percentage;

- (ii) if Settlement Price Final is less than the Cap Level and no Knock-out Event has occurred:

Notional Amount  $\times$  [100% + Redemption Premium]; or

- (iii) if a Knock-out Event has occurred:

$[\text{Notional Amount}] \times \text{Min} \left( \left( \frac{\text{Settlement Price Final}}{\text{Strike Price}} \right); \text{Cap Level Percentage} \right)$ .

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

Where "**Redemption Premium**" means:

$$\text{Max} \left[ \text{Upside Participation Factor} \times \left( \frac{\text{Settlement Price Final}}{\text{Strike Price}} - 1 \right); \text{Downside Participation Factor} \times \left( 1 - \frac{\text{Settlement Price Final}}{\text{Strike Price}} \right) \right]$$

### ***Description of the Payout and Redemption Premium***

*If the Settlement Price of the Underlying Reference on the Valuation Date is equal to or greater than the Cap Level and if no Knock-out occurs, the Payout will equal the Notional Amount multiplied by the Cap Level Percentage. If the Settlement Price of the Underlying Reference on the Valuation Date is less than the Cap Level and no Knock-out occurs, the Payout will equal the Notional Amount plus the Redemption Premium. Otherwise, the Payout will equal the minimum of the Notional Amount minus the performance of the Underlying Reference and the Notional Amount multiplied by the Cap Level Percentage.*

*The Redemption Premium is the absolute value of the performance of the Underlying Reference (being the Settlement Price of the Underlying Reference on the Valuation Date divided by the Strike Price minus 1) multiplied by the relevant participation factor.*

### **(y) ETS Final Payout 1399**

If ETS Final Payout 1399 is specified as applicable in the applicable Final Terms:

- (i) if at any time on any Observation Date during the Observation Period the Underlying Reference Level is less than or equal to the Barrier Level and equal to or greater than the Bonus Level:

- (A) if Settlement Price Final is less than or equal to the Bonus Level:

$$\frac{\text{Bonus Level}}{[\text{Parity} \times \text{Exchange Rate Final}]}, \text{ or}$$

- (B) if Settlement Price Final is greater than the Bonus Level:

$$\frac{\text{Settlement Price Final}}{[\text{Parity} \times \text{Exchange Rate Final}]},$$

- (ii) if at any time on any Observation Date during the Observation Period the Underlying Reference Level is less than or equal to the Barrier Level and at all times less than the Bonus Level:

$$\frac{\text{Settlement Price Final}}{[\text{Parity} \times \text{Exchange Rate Final}]}, \text{ or}$$

- (iii) if at all times on each Observation Date during the Observation Period the Underlying Reference Level is greater than the Barrier Level:

- (A) if Settlement Price Final is less than or equal to the Bonus Level:

$$\frac{\text{Bonus Level}}{[\text{Parity} \times \text{Exchange Rate Final}]}, \text{ or}$$

- (B) if Settlement Price Final is greater than the Bonus Level:

$$\frac{\text{Settlement Price Final}}{[\text{Parity} \times \text{Exchange Rate Final}]},$$

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

### *Description of the Payout*

*If the Underlying Reference Level has at any time been less than or equal to the Barrier Level during the Observation Period and equal to or greater than the Bonus Level, the Payout will be equal to the maximum of the Bonus Level (divided by the product of the Exchange Rate and Parity) and the Settlement Price on the Valuation Date (divided by the product of the Exchange Rate and Parity). If the Underlying Reference has at any time been less than or equal to the Barrier Level during the Observation Period and at all times less than the Bonus Level, the Payout will be equal to the Settlement Price on the Valuation Date (divided by the product of the Exchange Rate and Parity). If the Underlying Reference Level has at all times been greater than the Barrier Level during the Observation Period, the Payout will be equal to the maximum of the Bonus Level (divided by the product of the Exchange Rate and Parity) and the Settlement Price on the Valuation Date (divided by the product of the Exchange Rate and Parity).*

#### (z) **ETS Final Payout 2110/1**

If ETS Final Payout 2110/1 is specified as applicable in the applicable Final Terms:

- (i) if the Settlement Price Final is equal to or greater than the Upper Level:

$$\frac{\text{Upper Level} - \text{Lower Level}}{[\text{Parity} \times \text{Exchange Rate Final}]^*}$$

- (ii) if the Settlement Price Final is greater than the Lower Level and less than the Upper Level:

$$\frac{\text{Settlement Price Final} - \text{Lower Level}}{[\text{Parity} \times \text{Exchange Rate Final}]}, \text{or}$$

- (iii) if the Settlement Price Final is less than or equal to the Lower Level:

0 (zero).

### *Description of the Payout*

*If the Settlement Price of the Underlying Reference on the Valuation Date is greater than the Lower Level, the Payout will be equal to the Settlement Price of the Underlying Reference on the Valuation Date less the Lower Level, subject to a cap on the Upper Level less the Lower Level (divided by the product of the Exchange Rate and Parity). If the Settlement Price of the Underlying Reference on the Valuation Date is less than or equal to the Lower Level, the Payout equals zero and there will be no payment on redemption or exercise of the Securities.*

*The Upper Level and the Lower Level are levels which determine the maximum amount of the Payout and the different payout scenarios.*

#### (aa) **ETS Final Payout 2110/2**

If ETS Final Payout 2110/2 is specified as applicable in the applicable Final Terms:

- (i) if the Settlement Price Final is less than or equal to the Lower Level:

$$\frac{\text{Upper Level} - \text{Lower Level}}{[\text{Parity} \times \text{Exchange Rate Final}]^*}$$

- (ii) if the Settlement Price Final is greater than the Lower Level but less than the Upper Level:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

$$\frac{\text{Upper Level} - \text{Settlement Price Final}}{[\text{Parity} \times \text{Exchange Rate Final}]}; \text{ or}$$

- (iii) if the Settlement Price Final is equal to or greater than the Upper Level:  
0 (zero).

### ***Description of the Payout***

*If the Settlement Price of the Underlying Reference on the Valuation Date is less than the Upper Level, the Payout will equal the Upper Level less the Settlement Price of the Underlying Reference on the Valuation Date, subject to a cap on the Upper Level less the Lower Level (divided by the product of the Exchange Rate and Parity). If the Settlement Price of the Underlying Reference on the Valuation Date is equal to or greater than the Upper Level, the Payout will equal zero and there will be no payment on redemption or exercise of the Securities.*

*The Upper Level and the Lower Level are levels which determine the maximum amount of the Payout and the different payout scenarios.*

### **(bb) ETS Final Payout 2110/3**

If ETS Final Payout 2110/3 is specified as applicable in the applicable Final Terms:

- (i) if at all times on each Observation Date during the Observation Period the Underlying Reference Level is greater than the Lower Level:
- (A) if Settlement Price Final is greater than the Lower Level:
- $$\frac{\text{Upper Level} - \text{Lower Level}}{[\text{Parity} \times \text{Exchange Rate Final}]}; \text{ or}$$
- (B) if Settlement Price Final is less than or equal to the Lower Level:  
0 (zero); or
- (ii) if at any time on an Observation Date during the Observation Period the Underlying Reference Level is less than or equal to the Lower Level:
- (A) if Settlement Price Final is equal to or greater than the Upper Level:
- $$\frac{\text{Upper Level} - \text{Lower Level}}{[\text{Parity} \times \text{Exchange Rate Final}]};$$
- (B) if Settlement Price Final is greater than the Lower Level but less than the Upper Level:
- $$\frac{\text{Settlement Price Final} - \text{Lower Level}}{[\text{Parity} \times \text{Exchange Rate Final}]}; \text{ or}$$
- (C) if the Settlement Price Final is less than or equal to the Lower Level:  
0 (zero).

### ***Description of the Payout***

*If the Underlying Reference Level is at all times greater than the Lower Level and if the Settlement Price of the Underlying Reference on the Valuation Date is greater than the Lower*

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

*Level, then the Payout equals the Upper Level less the Lower Level (divided by the product of the Exchange Rate and Parity). Otherwise, if the Settlement Price of the Underlying Reference on the Valuation Date is less than or equal to the Lower Level, then the Payout will equal zero and there will be no payment on redemption or exercise of the Securities. If the Underlying Reference Level has at any time been less than or equal to the Lower Level and if the Settlement Price of the Underlying Reference on the Valuation Date is greater than the Lower Level, the Payout will equal the Settlement Price of the Underlying Reference on the Valuation Date less the Lower Level, subject to a cap of the Upper Level less the Lower Level (divided by the product of the Exchange Rate and Parity). Otherwise, if the Settlement Price of the Underlying Reference on the Valuation Date is less than or equal to the Lower Level, then the Payout will equal zero and there will be no payment on redemption or exercise of the Securities.*

*The Upper Level and the Lower Level are levels which determine the maximum amount of the Payout and the different payout scenarios.*

### (cc) **ETS Final Payout 2110/4**

If ETS Final Payout 2110/4 is specified as applicable in the applicable Final Terms:

- (i) if at all times on each Observation Date during the Observation Period the Underlying Reference Level is less than the Upper Level:

- (A) if Settlement Price Final is less than the Upper Level:

$$\frac{\text{Upper Level} - \text{Lower Level}}{[\text{Parity} \times \text{Exchange Rate Final}]}, \text{ or}$$

- (B) if Settlement Price Final is equal to or greater than the Upper Level:

0 (zero); or

- (ii) if at any time on an Observation Date during the Observation Period the Underlying Reference Level is equal to or greater than the Upper Level:

- (A) if Settlement Price Final is less than or equal to the Lower Level:

$$\frac{\text{Upper Level} - \text{Lower Level}}{[\text{Parity} \times \text{Exchange Rate Final}]},$$

- (B) if Settlement Price Final is greater than the Lower Level but less than the Upper Level:

$$\frac{\text{Upper Level} - \text{Settlement Price Final}}{[\text{Parity} \times \text{Exchange Rate Final}]}, \text{ or}$$

- (C) if Settlement Price Final is equal to or greater than the Upper Level:

0 (zero).

### **Description of the Payout**

*If the Underlying Reference Level is at all times less than the Upper Level and if the Settlement Price of the Underlying Reference on the Valuation Date is less than the Upper Level, then the Payout will equal the Upper Level less the Lower Level (divided by the product of the Exchange Rate and Parity). Otherwise if the Settlement Price of the Underlying Reference on the Valuation Date is equal to or greater than the Upper Level, then the Payout will equal zero and*

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

*there will be no payment on redemption or exercise of the Securities. If the Underlying Reference Level has been at any time equal to or greater than the Upper Level, and if the Settlement Price of the Underlying Reference on the Valuation Date is less than the Upper Level, then the Payout will equal the Upper Level less the Settlement Price of the Underlying Reference on the Valuation Date, subject to a cap of the Upper Level less the Lower Level (divided by the product of the Exchange Rate and Parity). Otherwise, if the Settlement Price of the Underlying Reference on the Valuation Date is greater than or equal to the Upper Level, then the Payout will equal zero and there will be no payment on redemption or exercise of the Securities. The Upper Level and the Lower Level are levels which determine the maximum amount of the Payout and the different payout scenarios.*

### (dd) **ETS Payout 2200/1**

If ETS Final Payout 2200/1 is specified as applicable in the applicable Final Terms:

- (i) if the Securities are specified in the applicable Final Terms as being Call Securities:

$$\frac{\text{Max}(0; \text{Settlement Price Final} - \text{Strike Price})}{[\text{Parity} \times \text{Exchange Rate Final}]}; \text{ or}$$

- (ii) if the Securities are specified in the applicable Final Terms as being Put Securities:

$$\frac{\text{Max}(0; \text{Strike Price} - \text{Settlement Price Final})}{[\text{Parity} \times \text{Exchange Rate Final}]}$$

#### **Description of the Payout**

*The Payout will be equal to (i) in the case of Call Securities, the excess (if any) of the Settlement Price on the Valuation Date over the Strike Price, or (ii) in the case of Put Securities, the excess (if any) of the Strike Price over the Settlement Price on the Valuation Date, in each case divided by the product of the Exchange Rate and Parity.*

### (ee) **ETS Final Payout 2200/2**

If ETS Final Payout 2200/2 is specified as applicable in the applicable Final Terms:

- (i) if the Securities are specified in the applicable Final Terms as being Call Securities:

(A) if no Knock-in Event has occurred, 0 (zero); or

(B) if a Knock-in Event has occurred but no Knock-out Event has occurred:

$$\frac{\text{Max}(0; \text{Settlement Price Final} - \text{Strike Price})}{[\text{Parity} \times \text{Exchange Rate Final}]}; \text{ or}$$

- (ii) if the Securities are specified in the applicable Final Terms as being Put Securities:

(A) if no Knock-in Event has occurred, 0 (zero); or

(B) if a Knock-in Event has occurred but no Knock-out Event has occurred:

$$\frac{\text{Max}(0; \text{Strike Price} - \text{Settlement Price Final})}{[\text{Parity} \times \text{Exchange Rate Final}]}$$

#### **Description of the Payout**

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

*If no Knock-in event has occurred, the Payout equals zero. If a Knock-in event has occurred then the Payout will be equal to (i) in the case of Call Securities, the excess (if any) of the Settlement Price on the Valuation Date over the Strike Price, or (ii) in the case of Put Securities, the excess (if any) of the Strike Price over the Settlement Price on the Valuation Date, in each case divided by the product of the Exchange Rate and Parity.*

### (ff) **ETS Final Payout 2210**

If ETS Final Payout 2210 is specified as applicable in the applicable Final Terms:

- (i) if the Securities are specified in the applicable Final Terms as being Call Securities:

$$\text{Max} \left( 0; \left( \frac{\text{Final Price} - \text{Capitalised Exercise Price}}{\text{Parity} \times \text{Conversion Rate Final}} \right) \right); \text{ or}$$

- (ii) if the Securities are specified in the applicable Final Terms as being Put Securities:

$$\text{Max} \left( 0; \left( \frac{\text{Capitalised Exercise Price} - \text{Final Price}}{\text{Parity} \times \text{Conversion Rate Final}} \right) \right).$$

#### **Description of the Payout**

*The Payout will be equal to (i) in the case of Call Securities, the excess (if any) of the Final Price over the Capitalised Exercise Price, or (ii) in the case of Put Securities, the excess (if any) of the Capitalised Exercise Price over the Final Price, in each case divided by the Conversion Rate and Parity.*

### (gg) **ETS Final Payout 2230**

If ETS Final Payout 2230 is specified as applicable in the applicable Final Terms:

$$\text{Max} (0; \text{Bonus Level}) / \text{Exchange Rate Final}$$

#### **Description of the Payout**

*The Payout will be equal to the greater of the Bonus Level and zero, divided by the Exchange Rate Final.*

### (hh) **ETS Final Payout 2300**

If ETS Final Payout 2300 is specified as applicable in the applicable Final Terms:

- (i) in respect of a Bull Certificate, the Bull Certificate Value on the relevant Valuation Date; or
- (ii) in respect of a Bear Certificate, the Bear Certificate Value on the relevant Valuation Date,

in each case, converted into the Settlement Currency at the Exchange Rate on the relevant Valuation Date.

Where:

"**Bear Certificate Value**" or "**Bear CV<sub>t</sub>**" means, in respect of a Relevant Business Day, an amount calculated by the Calculation Agent in accordance with the following formula:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (i) in the case of Index Securities, where dividends on the Index Shares are not reinvested in the relevant Index, or Share Securities:

$$\max \left[ Bear CV_{t-1} \times \left( 1 - L \times \left( \frac{U_t + div_t^{gross}}{U_{t-1}} - 1 \right) \right) + FC_t; 0.5\% \times Bear CV_{t-1} \right];$$

- (ii) in the case of Index Securities, where dividends on the Index Shares are reinvested in the relevant Index:

$$\max[Bear CV_{t-1} \times \left( 1 - L \times \left( \frac{U_t}{U_{t-1}} - 1 \right) \right) + FC_t; 0.5\% \times Bear CV_{t-1}];$$

- (iii) in the case of Commodity Securities or Index Securities to which Futures Price Valuation applies:

$$\max \left[ Bear CV_{t-1} \times \left( 1 - L \times \left( \frac{U_t}{U_{t-1} + rc_{t-1}} - 1 \right) \right) + FC_t; 0.5\% \times Bear CV_{t-1} \right]; \text{ or}$$

- (iv) in the case of Currency Securities:

$$\max \left[ Bear CV_{t-1} \times \left( 1 - L \times \left( \frac{U_t}{U_{t-1}} - 1 \right) \right) + FC_t; 0.5\% \times Bear CV_{t-1} \right];$$

**"Bull Certificate Value"** or **"Bull CV<sub>t</sub>"** means, in respect of a Relevant Business Day, an amount calculated by the Calculation Agent in accordance with the following formula:

- (i) in the case of Index Securities, where dividends on the Index Shares are not reinvested in the relevant Index, or Share Securities:

$$\max \left[ Bull CV_{t-1} \times \left( 1 + L \times \left( \frac{U_t + div_t^{net}}{U_{t-1}} - 1 \right) \right) + FC_t; 0.5\% \times Bull CV_{t-1} \right];$$

- (ii) in the case of Index Securities, where dividends on the Index Shares are reinvested in the relevant Index:

$$\max[Bull CV_{t-1} \times \left( 1 + L \times \left( \frac{U_t - div_t^{costs}}{U_{t-1}} - 1 \right) \right) + FC_t; 0.5\% \times Bull CV_{t-1}];$$

- (iii) in the case of Commodity Securities or Index Securities to which Futures Price Valuation applies:

$$\max \left[ Bull CV_{t-1} \times \left( 1 + L \times \left( \frac{U_t}{U_{t-1} + rc_{t-1}} - 1 \right) \right) + FC_t; 0.5\% \times Bull CV_{t-1} \right]; \text{ or}$$

- (iv) in the case of Currency Securities:

$$\max \left[ Bull CV_{t-1} \times \left( 1 + L \times \left( \frac{U_t}{U_{t-1}} - 1 \right) \right) + FC_t; 0.5\% \times Bull CV_{t-1} \right]; \text{ and}$$

**"Valuation Date"** means, the earlier to occur of:



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (i) the date designated as such by the Issuer provided that such date is determined by the Issuer and notified to the Holders in accordance with Security Condition 10 at the latest on the tenth (10th) Relevant Business Day preceding the contemplated Valuation Date;
- (ii) the date specified in the applicable Final Terms as the 2300 Final Valuation Date; or
- (iii) if Put Payout 2300 and/or Call Payout 2300 is specified as applicable in the applicable Final Terms, the relevant Optional Redemption Valuation Date specified in the applicable Final Terms,

provided, in each case, that if such date is not a Relevant Business Day, the Valuation Date will be the next following Relevant Business Day.

Subject as provided below, the Calculation Agent will calculate the Bear Certificate Value and the Bull Certificate Value on each Relevant Business Day. In order to make such calculation the Calculation Agent will also calculate the Underlying Price<sub>t</sub> on each Relevant Business Day.

If, in respect of any Relevant Business Day (including the Valuation Date), the Underlying Price<sub>t</sub> is not available before the Cut-off Time, or (x) such Relevant Business Day is a Disrupted Day (in the case of Share Securities, Currency Securities and Index Securities other than Index Securities in respect of which "Futures Price Valuation" is specified as applicable in the applicable Final Terms), or (y) as a consequence of a Market Disruption Event (in the case of Commodity Securities), or (z) the Underlying Price<sub>t</sub> is not available before the Cut-off Time (other than as a result of a Non-Commencement or Discontinuance of the Exchange-traded Contract) (in the case of Index Securities in respect of which "Futures Price Valuation" is specified as applicable in the applicable Final Terms), the Calculation Agent will determine the Underlying Price<sub>t</sub> for such Relevant Business Day acting in good faith and in a commercially reasonable manner by reference to such source(s) as it considers appropriate.

Notwithstanding the foregoing, if in the determination of the Calculation Agent the Observation Price of the Underlying Reference at one or more time(s) (each such time a "**Reset Event Determination Time**") during any Observation Time Period is (i) equal to or greater than the Reset Threshold (in the case of Bear Certificates) or (ii) equal to or less than the Reset Threshold (in the case of Bull Certificates) (each a "**Reset Event**"), the Calculation Agent will on each occasion calculate the Reset Price as provided in Payout Condition 1.5 below and the Adjusted Bull CV or the Adjusted Bear CV, as the case may be, shall be the Bull Certificate Value or the Bear Certificate Value, as the case may be, for such Reset Event Determination Time on such Underlying Business Day. If one or more Reset Events occurs in an Observation Time Period, at Calculation Time<sub>t</sub> falling at the end of such period the Calculation Agent will calculate the Bull Certificate Value or the Bear Certificate Value, as the case may be, using the formula set out above except that:

- (A)  $FC_t$  is equal to (0) zero;
- (B)  $U_{t-1}$  is the Reset Price last calculated prior to Calculation Time<sub>t</sub>;
- (C) in the case of Index Securities or Share Securities,  $div_t^{net}$ ,  $div_t^{gross}$  and  $div_t^{costs}$  will be equal to (0) zero; and
- (D) in the case of Commodity Securities and Index Securities to which Futures Price Valuation applies,  $rc_{t-1}$  will be equal to (0) zero.

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

### *Description of the Payout*

*The percentage change in value of the Securities over one day will be the Leverage Factor which is a constant factor for each Security multiplied by the daily performance of the relevant Underlying Reference measured as the percentage change of the reference price from one day to the next day adjusted by the applicable Financing Component (which includes a Fee, an Interest Margin and Hedging Costs and may be positive or negative depending on, amongst other things, prevailing interest rates). Bull Certificates aim to produce a performance equal to the leverage Factor (as specified in the applicable Final Terms) multiplied by the performance of the relevant Underlying Reference whereas Bear Certificates aim to produce a performance equal to the Leverage Factor times the inverse performance of the relevant Underlying Reference. However, because the performance of the Securities over any period longer than one day will be derived from the compounded daily performance of the relevant Underlying Reference during that period, such Security's performance may differ significantly to the overall performance of the Underlying Reference over that same period.*

### 1.2 Automatic Early Redemption Payouts

If Automatic Early Redemption is specified as applicable in the applicable Final Terms and an Automatic Early Redemption Event occurs, the following Automatic Early Redemption payouts (each an "Automatic Early Redemption Payout") shall apply to the Securities if specified in the applicable Final Terms:

#### (a) Automatic Early Redemption Payout 2210/1

If Automatic Early Redemption Payout 2210/1 is specified as applicable in the applicable Final Terms:

- (i) if the Securities are specified in the applicable Final Terms as being Call Securities:

$$\text{Max} \left( 0; \left( \frac{\text{Final Price Early} - \text{Capitalised Exercise Price}}{\text{Parity} \times \text{Conversion Rate Early}} \right) \right);$$

- (ii) if the Securities are specified in the applicable Final Terms as being Put Securities:

$$\text{Max} \left( 0; \left( \frac{\text{Capitalised Exercise Price} - \text{Final Price Early}}{\text{Parity} \times \text{Conversion Rate Early}} \right) \right).$$

#### (b) Automatic Early Redemption Payout 2210/2

If Automatic Early Redemption Payout 2210/2 is specified as applicable in the applicable Final Terms, 0 (zero).

#### (c) Automatic Early Redemption Payouts 1230/1, 1230/2, 1240/1, 1240/2, 1240/3, 1250/2, 1250/3, 1250/5, 1260/1, 1260/2, 1320/2, 1340/1 and 1340/2

If Automatic Early Redemption Payout 1230/1, 1230/2, 1240/1, 1240/2, 1240/3, 1250/2, 1250/3, 1250/5, 1260/1, 1260/2, 1320/2, 1340/1 or 1340/2 is specified as applicable in the applicable Final Terms:

$$[\text{Notional Amount}] \times [100\% + \text{Premium Percentage} \times i].$$

#### (d) Automatic Early Redemption Payout 2200/1 and 2200/2

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

If Automatic Early Redemption Payout 2200/1 or 2200/2 is specified as applicable in the applicable Final Terms, 0 (zero).

(e) **Automatic Early Redemption Payout 2230**

If Automatic Early Redemption Payout 2230 is specified as applicable in the applicable Final Terms, 0 (zero).

### 1.3 **Holder Put Option Payouts**

The following Holder Put Option Payouts (each a "**Put Payout**") shall apply to the Securities if specified in the applicable Final Terms:

(a) **Put Payout 1300/1**

If Put Payout 1300/1 is specified as applicable in the applicable Final Terms:

CV in respect of the relevant Optional Redemption Valuation Date.

The Calculation Agent will calculate "**CV**" on each CV Calculation Day in accordance with the following formula:

(i) if "Standard CV" is specified as applicable in the applicable Final Terms:

$$CV_{(t-1)} \times AF_{(t)} \times \frac{UR_{(t)} \times Fx_{(t)}}{UR_{(t-1)} \times Fx_{(t-1)}} \quad ; \text{or}$$

(ii) if "Inverse CV" is specified as applicable in the applicable Final Terms:

$$CV_{(t-1)} \times AF_{(t)} \times \frac{UR_{(t)}/Fx_{(t)}}{UR_{(t-1)}/Fx_{(t-1)}} \quad .$$

Where:

"**ACT<sub>(t,t-1)</sub>**" means, in respect of a CV Calculation Day, the number of calendar days between the ACT Day corresponding with such CV Calculation Day and the immediately preceding ACT Day;

"**ACT Day**" means each CV Calculation Day;

"**AF<sub>(t)</sub>**" means, in respect of a CV Calculation Day:

$$\left[ 1 + \text{Reference Rate}_{(t-1)} - \text{Management Fee Rate} \right]^{\frac{\text{ACT}_{(t,t-1)}}{360}} \times \text{div reinvested factor}_{(t)} \times \text{Rollover Ratio}_{(t)}$$

"**CV<sub>(0)</sub>**" means the amount or percentage specified as such in the applicable Final Terms;

"**CV<sub>(t-1)</sub>**" means, in respect of a CV Calculation Day, CV in respect of the immediately preceding CV Calculation Day or if none, CV<sub>(0)</sub>;

"**CV Calculation Day**" means each Scheduled Trading Day, Custom Index Business Day, Commodity Business Day or calendar day as specified in the applicable Final Terms from (but excluding) the Issue Date to (and including) the last day on which any Security of the series is outstanding;

"**Div Percentage**" means the percentage specified as such in the applicable Final Terms;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"div reinvested factor<sub>(t)</sub>" means:

- (i) if the Underlying Reference is a Share or an Index (where in the determination of the Calculation Agent dividends on the constituent share are not reinvested in the Index),

$$\left[ 1 + \text{Div Percentage} \times \frac{\text{Gross div}_{(t)}}{\text{UR}_{(t-1)}} \right]; \text{ or}$$

- (ii) otherwise, 1;

"F<sub>x(0)</sub>" means Exchange Rate Initial;

"F<sub>x(t)</sub>" means, in respect of a CV Calculation Day, the Exchange Rate on such CV Calculation Day;

"F<sub>x(t-1)</sub>" means, in respect of a CV Calculation Day, the Exchange Rate on the immediately preceding CV Calculation Day or if none, Exchange Rate Initial;

"Futures Rollover Adjustment Ratio" means, in respect of a CV Calculation Day, a positive amount calculated by the Calculation Agent equal to (i) the cost to the Issuer and/or its Affiliates of unwinding its hedging arrangements in relation to the preceding Current Exchange-traded Contract divided by (ii) the cost to the Issuer and/or its Affiliates of establishing hedging arrangements in relation to the Current Exchange-traded Contract, in each case in respect of the relevant Futures Rollover Date, such amount to be allocated *pro rata* among the Securities of the series;

"Gross div<sub>(t)</sub>" means (i) if the Underlying Reference is a Share, any ordinary cash dividends (before deduction of any taxes or application of withholding at source by or on behalf of any applicable authority having the power to tax in respect of such dividends and without any tax credit refund or deduction granted by any applicable authority having the power to tax in respect of such dividends) ex-dividend at date *t* and effectively paid or (ii) if the Underlying Reference is an Index, any ordinary cash dividends (before deduction of any taxes or application of withholding at source by or on behalf of any applicable authority having the power to tax in respect of such dividends and without any tax credit refund or deduction granted by any applicable authority having the power to tax in respect of such dividends) ex-dividend at date *t* on any constituent share in such Index at date *t*, taking into account the weight of such constituent share at date *t-1* and effectively paid.

"Management Fee Rate" means the percentage specified as such in the applicable Final Terms. Provided That, the Calculation Agent, acting in good faith and in a commercially reasonable manner, may adjust the Management Fee Rate to another fee rate within the Management Fee Rate Range to reflect an increase in the cost of hedging the Securities for the Issuer. The Management Fee Rate will be published by the Issuer (subject to technical problems) during normal business hours on each CV Calculation Day on the website [www.produitsdebourse.fr](http://www.produitsdebourse.fr) (or such other website as the Issuer may notify to Holders). Where the Securities are traded on the SeDeX MTF organised and managed by Borsa Italiana, the Management Fee Rate may only be adjusted downwards and on the occurrence of such adjustment, the new Management Fee Rate will be notified by the Calculation Agent to Borsa Italiana and published on the website [www.investimenti.bnpparibas.it](http://www.investimenti.bnpparibas.it) (or such other website as the Issuer may notify to Holders);

"Management Fee Rate Range" means the range specified as such in the applicable Final Terms;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"**Optional Redemption Valuation Date**" means the date specified as such in the applicable Final Terms. Provided That, if the Securities are Index Securities in respect of which "Futures Price Valuation" is specified as applicable in the applicable Final Terms and if the Settlement Price is not available in respect of such CV Calculation Day (other than as a result of a Non-Commencement or Discontinuance of the Exchange-traded Contract), the Calculation Agent will determine the Settlement Price for such CV Calculation Day acting in good faith and in a commercially reasonable manner by reference to such source(s) as it considers appropriate;

"**Reference Rate<sub>(t-1)</sub>**" means, in respect of a CV Calculation Day, (i) if the Securities are Rolling Futures Contract Securities, the interest rate specified in the applicable Final Terms as applicable on the CV Calculation Day immediately preceding such CV Calculation Day or (ii) otherwise, 0;

"**Rollover Ratio<sub>(0)</sub>**" equals 1;

"**Rollover Ratio<sub>(t)</sub>**" means, in respect of a CV Calculation Day, (i) if the Securities are Rolling Futures Contract Securities and such CV Calculation Day is a Futures Rollover Date, the Futures Rollover Adjustment Ratio or (ii) otherwise, 1;

"**UR<sub>(0)</sub>**" means the Settlement Price of the Underlying Reference on the Strike Date;

"**UR<sub>(t)</sub>**" means, in respect of a CV Calculation Day, the Settlement Price on such CV Calculation Day; and

"**UR<sub>(t-1)</sub>**" means, in respect of a CV Calculation Day, the Settlement Price on the CV Calculation Day immediately preceding such CV Calculation Day or, if none, UR<sub>(0)</sub>.

### *Description of the Payout*

*The Payout replicates the performance of the Underlying Reference less certain amounts (including, but not limited to, fees (including quanto fees and management fees), dividends paid (if applicable) and roll fees depending on the Underlying Reference).*

#### (b) **Put Payout 2200/1**

If Put Payout 2200/1 is specified as applicable in the applicable Final Terms:

- (i) if the Securities are specified in the applicable Final Terms as being Call Securities:

$$\frac{\text{Max}(0; \text{Settlement Price Final} - \text{Strike Price})}{[\text{Parity} \times \text{Exchange Rate Early}]}; \text{ or}$$

- (ii) if the Securities are specified in the applicable Final Terms as being Put Securities:

$$\frac{\text{Max}(0; \text{Strike Price} - \text{Settlement Price Final})}{[\text{Parity} \times \text{Exchange Rate Early}]}$$

#### (c) **Put Payout 2210**

If Put Payout 2210 is specified as applicable in the applicable Final Terms:

- (i) if the Securities are specified in the applicable Final Terms as being Call Securities:

$$\text{Max} \left( 0; \left( \frac{\text{Final Price} - \text{Capitalised Exercise Price}}{\text{Parity} \times \text{Conversion Rate Early}} \right) \right)$$

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (ii) if the Securities are specified in the applicable Final Terms as being Put Securities:

$$\text{Max} \left( 0; \left( \frac{\text{Capitalised Exercise Price} - \text{Final Price}}{\text{Parity} \times \text{Conversion Rate Early}} \right) \right)$$

(d) **Put Payout 2300**

If Put Payout 2300 is specified as applicable in the applicable Final Terms, the Put Payout shall be calculated on the same basis as ETS Final Payout 2300, save that references to "Valuation Date" therein and in the related provisions shall be deemed to be references to "the relevant Optional Redemption Valuation Date".

### 1.4 General Definitions for ETS Payouts

**"Barrier Level"** means the number or amount specified as such in the applicable Final Terms or, if specified in the applicable Final Terms, the product of the Barrier Percentage and the Strike Level rounded upwards or downwards as determined by the Calculation Agent acting in good faith and a commercially reasonable manner;

**"Barrier Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Bonus Level"** means the number or amount specified as such in the applicable Final Terms or, if specified in the applicable Final Terms, the product of the Bonus Percentage and the Strike Level rounded upwards or downwards as determined by the Calculation Agent acting in good faith and a commercially reasonable manner;

**"Bonus Level Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Bonus Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Cap Level"** means the number or amount specified as such in the applicable Final Terms or, if specified in the applicable Final Terms, the product of the Cap Percentage and the Strike Level rounded upwards or downwards as determined by the Calculation Agent acting in good faith and a commercially reasonable manner;

**"Cap Level Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Cap Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Conversion Rate Early"** means the Conversion Rate on (a) the Relevant Automatic Early Redemption Valuation Date or (b) the relevant Optional Redemption Valuation Date, as applicable;

**"Conversion Rate Final"** means the Conversion Rate on the Valuation Date;

**"Coupon Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Downside Participation Factor"** means the percentage specified as such in the applicable Final Terms;

**"Exchange Rate"** means, in respect of a day, the rate of exchange (including any rates of exchange pursuant to which the relevant rate of exchange is derived), between the currencies and from the source(s) and at the time in each case specified in the applicable Final Terms on such day;

**"Exchange Rate Early"** means the Exchange Rate on (a) the Relevant Automatic Early Redemption Valuation Date or (b) the relevant Optional Redemption Valuation Date, as applicable.

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Exchange Rate Final"** means the Exchange Rate on the Valuation Date;

**"Exchange Rate Initial"** means the Exchange Rate on the Strike Date;

**"Express Amount"** means the amount specified as such in the applicable Final Terms;

**"i"** means the number specified as such in the applicable Final Terms;

**"L"** means the percentage specified as such in the applicable Final Terms;

**"Listing Date"** means, in respect of any Securities, the date on which such Securities are first admitted to trading on any stock exchange or other trading or quotation system;

**"Lower Level"** means the number or amount specified as such in the applicable Final Terms;

**"Maximum Payout Amount"** means the amount specified as such in the applicable Final Terms;

**"n"** means the number specified as such in the applicable Final Terms;

**"Observation Price Source"** means the source specified as such in the applicable Final Terms;

**"Parity"** means the number specified as such in the applicable Final Terms;

**"Participation Factor"** means the percentage specified as such in the applicable Final Terms;

**"Premium Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Protection Factor"** means the percentage specified as such in the applicable Final Terms;

**"Protection Level"** means the number specified as such in the applicable Final Terms;

**"Reverse Level"** means the number or amount specified as such in the applicable Final Terms or, if not so specified in the applicable Final Terms, the product of the Reverse Percentage and the Strike Level rounded upwards or downwards as determined by the Calculation Agent acting in good faith and a commercially reasonable manner;

**"Reverse Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Settlement Price Final"** means the Settlement Price on the Valuation Date;

**"Sprint Factor"** means the number specified as such in the applicable Final Terms;

**"Strike Level"** means:

- (i) if the relevant Underlying Reference is an Index, the Closing Level;
- (ii) if the relevant Underlying Reference is a Share, the Closing Price or the Italian Securities Reference Price, as specified in the applicable Final Terms;
- (iii) if the relevant Underlying Reference is an ETI, the Closing Price;
- (iv) if the relevant Underlying Reference is a Commodity or a Commodity Index, the Relevant Price;
- (v) if the relevant Underlying Reference is a Currency or Future, the Settlement Price; or
- (vi) if the relevant Underlying Reference is a Debt Instrument, the Settlement Price,

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

in each case on the Strike Date;

**"Strike Price"** means the price, level or amount specified as such in the applicable Final Terms;

**"Underlying Reference"** means, for the purposes of the ETS Payouts, each Index, Share, ETI, Commodity, Commodity Index, Subject Currency, Future, Debt Instrument or other basis of reference to which the relevant Securities relate;

**"Underlying Reference Initial"** means the number or amount specified as such in the applicable Final Terms;

**"Underlying Reference Level"** means, in respect of a time and a day (i) "official level", "last price", "bid price" or "asked price" of the Underlying Reference as specified in the applicable Final Terms published by the Observation Price Source or (ii) if Standard Underlying Reference Level is specified as applicable in the applicable Final Terms (a) in the case of Share Securities, ETI Securities and Futures Securities the price of the relevant Underlying Reference, (b) in the case of Index Securities, the level of the relevant Underlying Reference, (c) in the case of Commodity Securities, the Relevant Price (on the basis that such day is deemed to be a Pricing Date), (d) in the case of Currency Securities, the spot rate of exchange for the exchange of the Subject Currency into the Base Currency (expressed as the number of units (or part units) of such Subject Currency for which one unit of the Base Currency can be exchanged) or (e) in the case of Debt Securities, the bid price of the relevant Underlying Reference as determined by the Calculation Agent by reference to the bid price for such Underlying Reference appearing on the Relevant Screen Page, in each case for such time on such day;

**"Upper Level"** means the number or amount specified as such in the applicable Final Terms;

**"Upside Participation Factor"** means the percentage specified as such in the applicable Final Terms.

### 1.5 Additional Definitions for ETS Final Payout 2300

**"Adjusted Bear CV"** or **"Adjusted Bull CV"** means an amount calculated by the Calculation Agent in accordance with the Bear  $CV_t$  formula or the Bull  $CV_t$  formula, as the case may be, in Payout Condition 1.1(hh) except that:

- (a) with respect to any calculation to be made following the first Reset Event occurring during an Observation Time Period (the **"Relevant Observation Time Period"**)  $U_t$  will be the Reset Price calculated following the relevant Reset Event Determination Time;
- (b) with respect to any subsequent Reset Events occurring within the Relevant Observation Time Period:
  - (i) Bear  $CV_{t-1}$  will be the Adjusted Bear CV and Bull  $CV_{t-1}$  will be the Adjusted Bull CV, as the case may be, last calculated prior to the relevant Reset Event Determination Time;
  - (ii)  $FC_t$  is equal to (0) zero;
  - (iii)  $U_t$  is the Reset Price calculated following the relevant Reset Event Determination Time;
  - (iv)  $U_{t-1}$  is the Reset Price last calculated prior to the relevant Reset Event Determination Time;



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (v) in the case of Index Securities or Share Securities,  $div_t^{net}$ ,  $div_t^{gross}$  and  $div_t^{costs}$  will be equal to (0) zero; and
- (vi) in the case of Commodity Securities and Index Securities to which Futures Price Valuation applies,  $rc_{t-1}$  will be equal to (0) zero.

**"Applicable Withholding Tax"** means an amount calculated by the Calculation Agent equal to the taxes deducted or withheld at source by or on behalf of any applicable authority having the power to tax in respect of the cash dividends and/or other cash distributions payable in respect of the relevant Index Shares comprised in the Index related to the Ex-Dividend Date pursuant to any applicable double taxation treaty or domestic law prevailing at the time of the distribution;

**"Bear CV<sub>0</sub>"** means the Issue Price per Certificate converted into the Calculation Currency at the Exchange Rate on the Relevant Business Day preceding the Commencement Date ( $t=0$ );

**"Bear CV<sub>t-1</sub>"** means, in respect of the calculation of Bear CV<sub>t</sub>, the Bear Certificate Value last calculated, provided that, the Bear CV<sub>t-1</sub> for the Listing Date is Bear CV<sub>0</sub>;

**"Bull CV<sub>0</sub>"** means the Issue Price per Certificate converted into the Calculation Currency at the Exchange Rate on the Relevant Business Day preceding the Commencement Date ( $t=0$ );

**"Bull CV<sub>t-1</sub>"** means, in respect of the calculation of Bull CV<sub>t</sub>, the Bull Certificate Value last calculated, provided that the Bull CV<sub>t-1</sub> for the Listing Date is Bull CV<sub>0</sub>;

**"Calculation Currency"** means the currency of the Underlying Reference (in respect of Index Securities, Share Securities and Commodity Securities) or the Subject Currency (in respect of Currency Securities);

**"Calculation Time<sub>t</sub>"** means, in respect of a Relevant Business Day, the Scheduled Closing Time (in respect of Index Securities and Share Securities), the time at which the Official Settlement Price of the relevant Exchange traded Contract is published or, if First Traded Price Applicable is specified in the applicable Final Terms, the time at which the First Traded Price of the relevant Futures or Option Exchange is published (in respect of Index Securities to which Futures Price Valuation applies), the time at which the relevant Commodity Reference Price is published by the relevant Exchange (in respect of Commodity Securities) or the Valuation Time (in respect of Currency Securities);

**"Calculation Time<sub>t-1</sub>"** means, in respect of a Relevant Business Day, the Calculation Time on the Relevant Business Day immediately preceding such day;

**"Commencement Date"** means, the Listing Date of the relevant Bear Certificate or Bull Certificate ( $t=1$ );

**"Cut-off Time"** means, in respect of a Relevant Business Day, one (1) hour following Calculation Time<sub>t</sub>;

**"Dividend Percentage"** means the percentage specified as such in the applicable Final Terms, provided that, the Calculation Agent, acting in good faith and in a commercially reasonable manner, may increase or decrease such percentage to reflect any imposition of or adjustment to any Applicable Withholding Tax. If the Dividend Percentage is adjusted as provided herein, the adjusted Dividend Percentage, will be notified to Holders in accordance with Security Condition 10 (Notices) as soon as reasonably practicable following such adjustment;

**"div<sub>t</sub><sup>costs</sup>"** means, in respect of an Ex-Dividend Date and an Index, an amount determined by the Calculation Agent equal to the total Applicable Withholding Tax and/or any other taxes or duties incurred

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

in connection with the distribution of the cash dividends and/or other cash distributions payable in respect of the relevant Index Shares comprised in the Index related to such Ex-Dividend Date;

" $\text{div}_t^{\text{gross}}$ " means, in respect of an Ex-Dividend Date, an amount determined by the Calculation Agent equal to the sum of the gross cash dividends and/or other cash distributions payable in respect of the relevant Underlying Reference (or in the case of an Index, in respect of the relevant Index Shares comprised in the Index) related to such Ex-Dividend Date;

" $\text{div}_t^{\text{net}}$ " means, in respect of an Ex-Dividend Date, an amount determined by the Calculation Agent equal to the product of (a)  $\text{div}_t^{\text{gross}}$  in respect of such Ex-Dividend Date and (b) the Dividend Percentage;

"**Ex-Dividend Date**" means, with respect to a Share or share comprising an Index (an "**Index Share**"), the date on which such Share or Index Share becomes "ex-dividend" as determined by the Calculation Agent;

"**Fee**" or "**F**" means the percentage specified as such in the applicable Final Terms. The Calculation Agent, acting in good faith and in a commercially reasonable manner, may adjust the Fee within the Fee Range to reflect a change in the cost to the Issuer of issuing the Securities or providing a price in the secondary market. Where the Securities are traded on the SeDeX MTF organised and managed by Borsa Italiana, the Fee may only be adjusted downwards and on the occurrence of such adjustment, the new Fee will be notified by the Calculation Agent to Borsa Italiana and published on the website [www.investimenti.bnpparibas.it](http://www.investimenti.bnpparibas.it);

"**Fee Range**" means the range specified as such in the applicable Final Terms;

"**Financing Component**," or "**FC**" means, in respect of a Relevant Business Day:

(a) in the case of Bear Certificates that are Index Securities or Share Securities:

$$-CV_{t-1} \times ((-L - 1) \times (r_{t-1}^u - rm) + L \times (hc + F)) \times n(t - 1, t);$$

(b) in the case of Bull Certificates that are Index Securities or Share Securities:

$$-CV_{t-1} \times ((L - 1) \times (r_{t-1}^u + rm) + L \times (hc + F)) \times n(t - 1, t);$$

(c) in the case of Bear Certificates that are Commodity Securities or Index Securities to which Futures Price Valuation applies:

$$-CV_{t-1} \times ((-r_{t-1}^u - rm) + L \times (hc + F)) \times n(t - 1, t);$$

(d) in the case of Bull Certificates that are Commodity Securities or Index Securities to which Futures Price Valuation applies:

$$-CV_{t-1} \times ((-r_{t-1}^u - rm) + L \times (hc + F)) \times n(t - 1, t);$$

(e) in the case of Bear Certificates that are Currency Securities:

$$-CV_{t-1} \times ((-r_{t-1}^{ub} - L \times (r_{t-1}^{ub} - r_{t-1}^{ur} - rm) + L \times (hc + F)) \times n(t - 1, t); \text{ or}$$

(f) in the case of Bull Certificates that are Currency Securities:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

$$-CV_{t-1} \times \left( -r_{t-1}^{ub} + L \times (r_{t-1}^{ub} - r_{t-1}^{ur} + rm) + L \times (hc + F) \right) \times n(t-1, t);$$

**"Hedging Cost"** or **"hc"** means the percentage specified as such in the applicable Final Terms. If at any time after the Listing Date the cost of hedging the Securities materially exceeds such specified percentage, the Calculation Agent acting in good faith and in a commercially reasonable manner, may adjust the Hedging Cost, to reflect this change, save that the Hedging Cost will not be less than the Minimum Hedging Cost and will not exceed the Maximum Hedging Cost. If the Securities are traded on the SeDeX MTF organised and managed by Borsa Italiana and the Hedging Cost is amended as provided above, the new Hedging Cost will be notified by the Calculation Agent to Borsa Italiana and published on the website [www.investimenti.bnpparibas.it](http://www.investimenti.bnpparibas.it);

**"Interest Margin"** or **"rm"** means the percentage specified as such in the applicable Final Terms. The Calculation Agent may adjust the Interest Margin, acting in good faith and in a commercially reasonable manner, to reflect any disparity between the Reference Interest Rate and the Issuer's funding rate, save that the Interest Margin will not be less than the Minimum Interest Margin and will not exceed the Maximum Interest Margin;

**"Leverage Factor"** or **"L"** means the positive number specified as such in the applicable Final Terms;

**"Maximum Hedging Cost"** means the percentage specified as such in the applicable Final Terms;

**"Maximum Interest Margin"** means the percentage specified as such in the applicable Final Terms;

**"Minimum Hedging Cost"** means the percentage specified as such in the applicable Final Terms;

**"Minimum Interest Margin"** means the percentage specified as such in the applicable Final Terms;

**"Observation Price"** means the "official level", "opening price", "official close", "closing price", "purchase price", "sale price", "last price", "bid price", "asked price", "traded price", "official settlement price", "daily settlement price", "high", "mid", "low", "bid high", "bid low", "ask high", "ask low", as specified in the applicable Final Terms, of the Underlying Reference published by the Observation Price Source;

**"Observation Price Source"** means the price source specified as such in the applicable Final Terms;

**"Observation Time Period"** means, in respect of an Underlying Business Day, the period of time from but excluding Calculation Time<sub>t-1</sub> to and including Calculation Time<sub>t</sub>;

**"Rate Period"** or **"n(t-1,t)"** means, in respect of a Relevant Business Day, (i) the number of calendar days from (and including) the Relevant Business Day immediately preceding such Relevant Business Day to (but excluding) such Relevant Business Day, divided by (ii) 360;

**"Reference Floating Rate"** means, in respect of a Relevant Business Day, the Reference Floating Rate Option in respect of such day appearing on the Reference Floating Rate Option Page at the Reference Floating Rate Option Time (the **"Original Reference Floating Rate"**), provided that if (i) the relevant rate does not appear on such page at such time, (ii) there has been a permanent or indefinite cancellation of the relevant rate, (iii) the relevant rate ceases to exist or ceases to be published permanently or indefinitely or (iv) it is unlawful or impracticable for the Calculation Agent to make any calculations or determinations using the relevant rate, the Calculation Agent may determine the relevant rate for such Relevant Business Day acting in good faith and in a commercially reasonable manner at such time as it may select. In determining the relevant rate, the Calculation Agent may have regard to any sources(s) it considers appropriate, including, but not limited to:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (a) any alternative rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the currency in which the relevant rate is denominated (each a "**Relevant Nominating Body**"), that is consistent with industry accepted standards, provided that, if two or more alternative rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those rates is most appropriate to preserve the economic features of the relevant Securities;
- (b) any alternative rate that has replaced the Original Reference Floating Rate in customary market usage in the international debt capital markets for the purposes of determining floating rates of interest on the same basis as the Original Reference Floating Rate; or
- (c) such other rate as the Calculation Agent determines is most comparable to the Original Reference Floating Rate.

The Calculation Agent will apply such adjustments that are formally recommended by any Relevant Nominating Body or, if none, may determine any adjustments that are in customary market usage in the international debt capital markets needed to make the replacement rate comparable to the Original Reference Floating Rate, acting in good faith and in a commercially reasonable manner.

The determination of a replacement rate and any applicable adjustments will (in the absence of manifest error) be final and binding, unless the Calculation Agent subsequently determines in respect of a Relevant Business Day that such rate is no longer comparable to the Original Reference Floating Rate or no longer constitutes an industry accepted successor rate, in which case, a new replacement rate shall be determined in accordance with paragraph (a), (b) or (c) above for each subsequent Relevant Business Day. If the Calculation Agent is unable to or otherwise does not determine a further replacement rate, then the rate will remain unchanged;

**"Reference Floating Rate Option"** means the relevant rate and designated maturity specified as such in the applicable Final Terms;

**"Reference Floating Rate Option Page"** means the page or price source specified as such in the applicable Final Terms or such successor page or source as determined by the Calculation Agent;

**"Reference Floating Rate Option Time"** means the time specified as such in the applicable Final Terms or, if no such time is specified, the customary time as of which the Reference Floating Rate is published;

**"Reference Interest Rate"**, " $r_{t-1}^u$ ", " $r_{t-1}^{ub}$ " or " $r_{t-1}^{ur}$ " means, in respect of a Relevant Business Day, the fixed rate specified as such in the applicable Final Terms or the Reference Floating Rate for the Relevant Business Day immediately preceding such day as specified in the applicable Final Terms;

**"Relevant Business Day"** means:

- (a) in respect of Index Securities, Share Securities and Currency Securities, a day which is both an Underlying Business Day and a Securities Business Day; or
- (b) in respect of Commodity Securities, a day on which a settlement price is scheduled to be published, which is both an Underlying Business Day and a Securities Business Day;

**"Reset Price"** means the price of the relevant Underlying Reference determined by the Calculation Agent by reference to the price obtained by unwinding any underlying related hedging arrangements in respect of the relevant Security during the Unwinding Time Period immediately following the relevant Reset Event Determination Time;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"Reset Threshold" means, in respect of an Underlying Business Day, an amount calculated by the Calculation Agent in accordance with the following formula:

- (a) in respect of Bear Certificates that are Index Securities, where dividends on the Index Shares are not reinvested in the relevant Index, or Share Securities:

$$(1 + P_{reset}) \times U_{t-1} - div_t^{gross};$$

- (b) in respect of Bull Certificates that are Index Securities, where dividends on the Index Shares are not reinvested in the relevant Index, or Share Securities:

$$(1 - P_{reset}) \times U_{t-1} - div_t^{net};$$

- (c) in respect of Bear Certificates that are Index Securities, where dividends on the relevant Index Shares are reinvested in the relevant Index:

$$(1 + P_{reset}) \times U_{t-1};$$

- (d) in respect of Bull Certificates that are Index Securities, where dividends on the relevant Index Shares are reinvested in the relevant Index:

$$(1 - P_{reset}) \times U_{t-1} + div_t^{costs};$$

- (e) in respect of Bear Certificates that are Commodity Securities or Index Securities to which Futures Price Valuation applies:

$$(1 + P_{reset}) \times (U_{t-1} + rc_{t-1});$$

- (f) in respect of Bull Certificates that are Commodity Securities or Index Securities to which Futures Price Valuation applies:

$$(1 - P_{reset}) \times (U_{t-1} + rc_{t-1});$$

- (g) in respect of Bear Certificate that are Currency Securities:

$$(1 + P_{reset}) \times U_{t-1}; \text{ or}$$

- (h) in respect of Bull Certificates that are Currency Securities:

$$(1 - P_{reset}) \times U_{t-1};$$

Provided that:

- (x) at the Calculation Time<sub>t</sub> (or such other relevant time at which the Underlying Price<sub>t</sub> is determined) on such Relevant Business Day, the "Reset Threshold" calculated pursuant to paragraphs (e), (f), (g) and (h) above will be reset and calculated as provided above except that references to "U<sub>t-1</sub>" will be deemed to be references to "U<sub>t</sub>" and, in the case of paragraphs (e) and (f) above, references to "rc<sub>t-1</sub>" will be deemed to be references to "rc<sub>t</sub>"; and

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (y) the Reset Threshold will be reset on the occurrence of each Reset Event and will be calculated in accordance with the Reset Threshold formula, except that:
- (i)  $U_{t-1}$  is the Reset Price last calculated before the relevant Reset Event Determination Time;
  - (ii)  $\text{div}_t^{\text{net}}$ ,  $\text{div}_t^{\text{gross}}$  or  $\text{div}_t^{\text{costs}}$ , as the case may be, is equal to (0) zero; and
  - (iii)  $\text{rc}_{t-1}$  is equal to (0) zero.

**"Reset Threshold Percentage"** or **" $P_{\text{reset}}$ "** means the percentage specified as such in the applicable Final Terms;

**"Rollover Costs<sub>t</sub>"** or **" $\text{rc}_t$ "** means, in respect of a Relevant Business Day, (i) where the Relevant Business Day is not a Futures Rollover Date, zero, or (ii) where the Relevant Business Day is a Futures Rollover Date, an amount, which may be positive or negative, calculated by the Calculation Agent representing the cost to the Issuer and/or its Affiliates of unwinding its hedging arrangements in the Current Exchange-traded Contract or the relevant Futures Contract, as the case may be, less the cost to the Issuer and/or its Affiliates of establishing hedging arrangements in the next Current Exchange-traded Contract or Futures Contract, as the case may be, in each case in respect of the relevant Futures Rollover Date, such amount to be allocated pro rata amongst the Securities;

**"Rollover Costs<sub>t-1</sub>"** or **" $\text{rc}_{t-1}$ "** means, in respect of a Relevant Business Day, (i) where the immediately preceding Relevant Business Day is not a Futures Rollover Date, zero, or (ii) where the immediately preceding Relevant Business Day is a Futures Rollover Date, an amount, which may be positive or negative, calculated by the Calculation Agent representing the cost to the Issuer and/or its Affiliates of unwinding its hedging arrangements in the Current Exchange-traded Contract or the relevant Futures Contract, as the case may be, less the cost to the Issuer and/or its Affiliates of establishing hedging arrangements in the next Current Exchange-traded Contract or Futures Contract, as the case may be, in each case in respect of the relevant Futures Rollover Date, such amount to be allocated pro rata amongst the Securities;

**"Securities Business Day"** means any day on which the Specified Venue is open for trading during its regular trading session;

**"Settlement Currency"** means the currency specified as such in the applicable Final Terms;

**"Settlement Price"** has the meaning given it in the applicable Annex to the Terms and Conditions except that (x) in the case of Commodity Securities, references to "Pricing Date" and (y) in the case of Currency Securities, references to "Settlement Price Date", shall in each case be deemed to be references to the "Relevant Business Day";

**"Specified Venue"** means the venue specified as such in the applicable Final Terms;

**"Underlying Business Day"** means an Exchange Business Day (in respect of Index Securities or Share Securities), a Commodity Business Day (in respect of Commodity Securities) or a day, excluding Saturday and Sunday, starting from (and including) 00:00:01 a.m. (CET) to (and including) 11:59:59 p.m. (CET) on such day (in respect of Currency Securities);

**"Underlying Price<sub>t</sub>"** or **" $U_t$ "** means, in respect of a Relevant Business Day and subject as provided in Payout Condition 1.1(hh):

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (a) in respect of Index Securities, Share Securities, Commodity Securities or Currency Securities, the Settlement Price on such Relevant Business Day; or
- (b) in respect of Index Securities to which Futures Price Valuation applies, (i) if the Relevant Business Day is the Valuation Date in respect of the relevant Security, the Settlement Price on such Relevant Business Day, or (ii) if the Relevant Business Day is not the Valuation Date in respect of the relevant Security, the Settlement Price or, if First Traded Price Applicable is specified in the applicable Final Terms, the First Traded Price in each case on such Relevant Business Day;

"**Underlying Price<sub>t-1</sub>**" or "**U<sub>t-1</sub>**" means, in respect of a Relevant Business Day, the Underlying Price<sub>t</sub> for the Relevant Business Day immediately preceding such day; and

"**Unwinding Time Period**" means a cumulative period of twelve hours during which:

- (a) in respect of Index Securities, Share Securities or Commodity Securities, the Underlying Reference is quoted on the relevant Exchange;
- (b) in respect of Currency Securities, the Underlying Reference is quoted on the Relevant Screen Page; or
- (c) in respect of Index Securities to which Futures Price Valuation applies, the relevant Exchange-traded Contract is quoted on the relevant Futures or Options Exchange.

The Unwinding Time Period shall occur during the opening hours of the relevant Exchange (in respect of Index Securities, Share Securities or Commodity Securities), the opening hours of the relevant Futures or Options Exchange (in respect of Index Securities to which Futures Price Valuation applies) or on each day, excluding Saturday and Sunday, starting from (and including) 00:00:01 a.m. (CET) to (and including) 11:59:59 p.m. (CET) on such day (in respect of Currency Securities). If, in respect of a Reset Event, the period between the occurrence of the latest Reset Event Determination Time and the official closing time of the relevant Exchange (in respect of Index Securities, Share Securities or Commodity Securities) or Futures or Options Exchange (in respect of Index Securities to which Futures Price Valuation applies) or the period during which the Underlying Reference is quoted on the Relevant Screen Page (in respect of Currency Securities) would otherwise include a day that is not an Underlying Business Day, then the period for determining the Reset Price shall be extended to the following Underlying Business Day, until a full period equal to the Unwinding Time Period has passed since the most recent Reset Event Determination Time.

### 1.6 Issuer Call Option Payouts

The following Issuer Call Option Payout (a "**Call Payout**") shall apply to the Securities if specified in the applicable Final Terms:

- (a) **Call Payout 1300/1**

If Call Payout 1300/1 is specified as applicable in the applicable Final Terms, the Call Payout shall be calculated on the same basis as Put Payout 1300/1, save that references to Put Payout 1300/1 shall be deemed to be references to Call Payout 1300/1.

- (b) **Call Payout 2200/1**

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

If Call Payout 2200/1 is specified as applicable in the applicable Final Terms, the Call Payout shall be calculated on the same basis as Put Payout 2200/1, save that references to Put Payout 2200/1 shall be deemed to be references to Call Payout 2200/1.

(c) **Call Payout 2210**

If Call Payout 2210 is specified as applicable in the applicable Final Terms, the Call Payout shall be calculated on the same basis as Put Payout 2210, save that references to Put Payout 2210 shall be deemed to be references to Call Payout 2210.

(d) **Call Payout 2300**

If Call Payout 2300 is specified as applicable in the applicable Final Terms, the Call Payout shall be calculated on the same basis as ETS Final Payout 2300, save that references to "Valuation Date" therein and in the related provisions shall be deemed to be references to "the relevant Optional Redemption Valuation Date".

1.7 Intentionally left blank

1.8 **Additional definitions for ETS Final Payout 2210 and Automatic Early Redemption Payout 2210/1**

If ETS Final Payout 2210 and/or Automatic Early Redemption Payout 2210/1 are specified as applicable in the applicable Final Terms and the Certificates are not OET Certificates, the definitions set out below will apply. If the Certificates are OET Certificates, the definitions in Annex 15 (Additional Terms and Conditions for OET Certificates) will apply.

"**Capitalised Exercise Price**" or "**CEP<sub>t</sub>**" means, in respect of a calendar day (day<sub>t</sub>), an amount calculated as follows and rounded upwards or downwards in accordance with the Capitalised Exercise Price Rounding Rule specified in the applicable Final Terms, provided that in the case of Italian Securities, CEP<sub>t</sub> for any day from and including the Issue Date to and including the Listing Date shall be equal to the Exercise Prices:

$$CEP_t = CEP_{t-1} * (1 + \text{Financing Rate}_{t-1})^{1/360}$$

Except that:

- (a) with respect to Share Securities, ETI Securities and Index Securities (where dividends on the Index Shares (as defined below) are not reinvested in the relevant Index), and where day<sub>t</sub> is an Ex-Dividend Date, the Capitalised Exercise Price will be calculated as follows and rounded upwards or downwards in accordance with the Capitalised Exercise Price Rounding Rule specified in the applicable Final Terms:

$$CEP_t = CEP_{t-1} * (1 + \text{Financing Rate}_{t-1})^{1/360} - \text{Dividend Adjustment Amount}$$

- (b) with respect to Rolling Futures Contract Securities, and where day<sub>t</sub> is a Futures Rollover Date, the Capitalised Exercise Price will be calculated as follows and rounded upwards or downwards in accordance with the Capitalised Exercise Price Rounding Rule specified in the applicable Final Terms:

$$CEP_t = CEP_{t-1} * (1 + \text{Financing Rate}_{t-1})^{1/360} - \text{Futures Rollover Adjustment Amount}$$

- (c) with respect to Index Call Certificates (where dividends on the Index Shares (as defined below) are reinvested in the relevant Index), and where day<sub>t</sub> is an Ex-Dividend Date, the Capitalised



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

Exercise Price will be calculated as follows and rounded upwards or downwards in accordance with the Capitalised Exercise Price Rounding Rule specified in the applicable Final Terms:

$$CEP_t = CEP_{t-1} * (1 + \text{Financing Rate}_{t-1})^{1/360} + \text{Applicable Withholding Tax}$$

for the purposes of this definition:

**"Applicable Withholding Tax"** means an amount calculated by the Calculation Agent equal to the taxes deducted or withheld at source by or on behalf of any applicable authority having the power to tax in respect of the cash dividends and/or other cash distributions payable in respect of the relevant Index Share related to the Ex-Dividend Date pursuant to any applicable double taxation treaty or domestic law prevailing at the time of the distribution;

**"CEP<sub>t-1</sub>"** means the Capitalised Exercise Price applicable on day<sub>t-1</sub>, provided that the Capitalised Exercise Price applicable on the Issue Date shall be equal to the Exercise Price;

**"Dividend Adjustment Amount"** means, in respect of an Ex-Dividend Date, an amount determined by the Calculation Agent equal to (i) the sum of the gross cash dividends and/or other cash distributions payable in respect of the relevant Underlying Reference (or in the case of an Index, in respect of each Index Share) related to such Ex-Dividend Date multiplied by (ii) the Dividend Percentage;

**"Dividend Percentage"** means the percentage specified as such in the applicable Final Terms, provided that the Calculation Agent acting in good faith and in a commercially reasonable manner, may increase or decrease such percentage to reflect any imposition of or adjustment to, any taxes which are deducted or withheld at source by or on behalf of any applicable authority having the power to tax in respect of cash dividends and/or other cash distributions payable in respect of the relevant Underlying Reference (or in the case of an Index, in respect of each Index Share). If the Dividend Percentage is adjusted as provided herein, the adjusted Dividend Percentage, will be notified to Holders in accordance with Security Condition 10 (Notices) as soon as reasonably practicable following such adjustment;

**"Exercise Price"** means the price specified as such in the applicable Final Terms;

**"Financing Rate<sub>t-1</sub>"** means, the Financing Rate applicable on day<sub>t-1</sub>;

**"Futures Rollover Adjustment Amount"** means an amount, which may be positive or negative, calculated by the Calculation Agent representing the cost to the Issuer and/or its Affiliates of unwinding its hedging arrangements in the Current Exchange-traded Contract or the relevant Futures Contract, as the case may be, less the cost to the Issuer and/or its Affiliates of establishing hedging arrangements in the next Current Exchange-traded Contract or Futures Contract, as the case may be, in each case in respect of the relevant Futures Rollover Date, such amount to be allocated pro rata amongst the Certificates.

The Capitalised Exercise Price will be made available (subject to technical failure) during normal business hours on any Local Business Day during the term of the Certificates, on the CEP Website(s) specified in the applicable Final Terms or such other website as may be notified to the Holders;

**"Conversion Rate"** means, in respect of a day, the rate of exchange (including any rates of exchange pursuant to which the relevant rate of exchange is derived) between the currency of the relevant Underlying Reference and the Settlement Currency, as specified as such in the applicable Final Terms on such day;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Ex-Dividend Date"** means, with respect to a Share, ETI Interest (in respect of which a dividend is paid) or share comprising an Index (an **"Index Share"**), the date on which such Share, ETI Interest or Index Share becomes "ex-dividend" as determined by the Calculation Agent;

**"Final Price"** means the Settlement Price or, in the case of Commodity Securities, the Relevant Price on the Valuation Date;

**"Final Price Early"** means the price of the relevant Underlying Reference, determined by the Calculation Agent:

- (a) if the Securities are Italian Securities as (i) in respect of a Call Certificate, the lowest Observation Price and (ii) in respect of a Put Certificate, the highest Observation Price, in each case determined by the Calculation Agent on the Automatic Early Redemption Valuation Date on which the relevant Automatic Early Redemption Event occurred; or
- (b) if the Securities are not Italian Securities, on the basis of the price obtained by unwinding any underlying related hedging arrangements in respect of the relevant Certificates during the three-hour period immediately following the occurrence of the relevant Automatic Early Redemption Event, provided that (i) the Final Price Early in respect of a Call Certificate will be no lower than the lowest Observation Price and (ii) the Final Price Early in respect of a Put Certificate will be no greater than the highest Observation Price, in each case determined by the Calculation Agent during such three-hour period, or otherwise, during the opening hours of the relevant exchange. With respect to Certificates relating to an Index, Share or ETI Interest, the above-mentioned three-hour period shall be counted during the opening hours of the relevant Exchange. Accordingly, if the period between the occurrence of the Automatic Early Redemption Event and the official closing time of the relevant Exchange is less than three hours, then the observation period shall extend to the following Relevant Business Day, until a full period of three hours has passed since the occurrence of the Automatic Early Redemption Event. With respect to Currency Securities and Commodity Securities, if a period during a Relevant Business Day is specified in the applicable Final Terms as the Observation Time and the period between the occurrence of the Automatic Early Redemption Event and the end of that period is less than the above mentioned three-hour period, then the observation period shall extend to the following Relevant Business Day beginning at 8:00 am (CET) until a full period of three hours has passed since the occurrence of the Automatic Early Redemption Event;

**"Financing Rate"** means, if applicable, in respect of a calendar day ( $\text{day}_t$ ), the rate calculated as

Financing Rate Percentage + Interbank Rate 1 – Interbank Rate 2.

**"Financing Rate Percentage"** means, in the case of Call Certificates, the positive rate and, in the case of Put Certificates, the negative rate, specified in the applicable Final Terms Provided That the Calculation Agent may, acting in good faith and in a commercially reasonable manner select an alternative rate which must be within the Financing Rate Range. In the case of Securities which are traded on the SeDeX MTF organised and managed by Borsa Italiana such alternative rate will be notified by the Calculation Agent to Borsa Italiana and published on the website [www.investimenti.bnpparibas.it](http://www.investimenti.bnpparibas.it);

**"Financing Rate Range"** means the range specified as such in the applicable Final Terms;

**"Interbank Rate 1"** means the offered quotation for the rate which appears on the Interbank Rate 1 Screen Page at the Interbank Rate 1 Specified Time on  $\text{day}_t$  as determined by the Calculation Agent, acting in good faith and in a commercially reasonable manner (the **"Original Interbank Rate 1"**), provided that if (i) the relevant rate does not appear on such page at such time, (ii) there has been a

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

permanent or indefinite cancellation of the relevant rate, (iii) the relevant rate ceases to exist or ceases to be published permanently or indefinitely or (iv) it is unlawful or impracticable for the Calculation Agent to make any calculations or determinations using the relevant rate, the Calculation Agent may determine the relevant rate for such day<sub>t</sub> acting in good faith and in a commercially reasonable manner at such time as it may select. In determining the relevant rate, the Calculation Agent may have regard to any sources(s) it considers appropriate, including, but not limited to:

- (a) any alternative rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the currency in which the relevant rate is denominated (each a "**Relevant Nominating Body**"), that is consistent with industry accepted standards, provided that, if two or more alternative rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those rates is most appropriate to preserve the economic features of the relevant Securities;
- (b) any alternative rate that has replaced the Original Interbank Rate 1 in customary market usage in the international debt capital markets for the purposes of determining floating rates of interest on the same basis as the Original Interbank Rate 1; or
- (c) such other rate as the Calculation Agent determines is most comparable to the Original Interbank Rate 1.

The Calculation Agent will apply such adjustments that are formally recommended by any Relevant Nominating Body or, if none, may determine any adjustments that are in customary market usage in the international debt capital markets needed to make the replacement rate comparable to the Original Interbank Rate 1, acting in good faith and in a commercially reasonable manner.

The determination of a replacement rate and any applicable adjustments will (in the absence of manifest error) be final and binding, unless the Calculation Agent subsequently determines in respect of any calendar day that such rate is no longer comparable to the Original Interbank Rate 1 or no longer constitutes an industry accepted successor rate, in which case, a new replacement rate shall be determined in accordance with paragraph (a), (b) or (c) above for each subsequent calendar day. If the Calculation Agent is unable to or otherwise does not determine a further replacement rate, then the rate will remain unchanged;

**"Interbank Rate 1 Screen Page"** means the source specified in the applicable Final Terms;

**"Interbank Rate 1 Specified Time"** means the time specified in the applicable Final Terms or, if no such time is specified, the customary time as of which the relevant Interbank Rate 1 is published;

**"Interbank Rate 2"** means the offered quotation for the rate which appears on the Interbank Rate 2 Screen Page at the Interbank Rate 2 Specified Time on day<sub>t</sub> as determined by the Calculation Agent, acting in good faith and in a commercially reasonable manner (the "**Original Interbank Rate 2**"), provided that if (i) the relevant rate does not appear on such page at such time, (ii) there has been a permanent or indefinite cancellation of the relevant rate, (iii) the relevant rate ceases to exist or ceases to be published permanently or indefinitely or (iv) it is unlawful or impracticable for the Calculation Agent to make any calculations or determinations using the relevant rate, the Calculation Agent may determine the relevant rate for such day<sub>t</sub> acting in good faith and in a commercially reasonable manner at such time as it may select. In determining the relevant rate, the Calculation Agent may have regard to any sources(s) it considers appropriate, including, but not limited to:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (a) any alternative rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the currency in which the relevant rate is denominated (each a "**Relevant Nominating Body**"), that is consistent with industry accepted standards, provided that, if two or more alternative rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those rates is most appropriate to preserve the economic features of the relevant Securities;
- (b) any alternative rate that has replaced the Original Interbank Rate 2 in customary market usage in the international debt capital markets for the purposes of determining floating rates of interest on the same basis as the Original Interbank Rate 2; or
- (c) such other rate as the Calculation Agent determines is most comparable to the Original Interbank Rate 2.

The Calculation Agent will apply such adjustments that are formally recommended by any Relevant Nominating Body or, if none, may determine any adjustments that are in customary market usage in the international debt capital markets needed to make the replacement rate comparable to the Original Interbank Rate 2, acting in good faith and in a commercially reasonable manner.

The determination of a replacement rate and any applicable adjustments will (in the absence of manifest error) be final and binding, unless the Calculation Agent subsequently determines in respect of any calendar day that such rate is no longer comparable to the Original Interbank Rate 2 or no longer constitutes an industry accepted successor rate, in which case, a new replacement rate shall be determined in accordance with paragraph (a), (b) or (c) above for each subsequent calendar day. If the Calculation Agent is unable to or otherwise does not determine a further replacement rate, then the rate will remain unchanged;

**"Interbank Rate 2 Screen Page"** means the source specified in the applicable Final Terms;

**"Interbank Rate 2 Specified Time"** means the time specified in the applicable Final Terms or, if no such time is specified, the customary time as of which the relevant Interbank Rate 2 is published;

**"Local Business Day"** means a day (other than a Saturday or a Sunday) on which commercial banks are open for general business (including dealings in foreign exchange and foreign currency deposits) in the Local Business Day Centre(s) specified in the applicable Final Terms;

**"Observation Price"** means the "official level", "opening price", "official close", "closing price", "purchase price", "sale price", "last price", "bid price", "asked price", "traded price", "official settlement price", "daily settlement price" as specified in the applicable Final Terms, of the Underlying Reference published by the Observation Price Source as determined by the Calculation Agent at the Observation Time(s);

**"Observation Price Source"** means the source specified as such in the applicable Final Terms;

**"Observation Time(s)"** means the time(s) or period(s) of observation specified as such in the applicable Final Terms;

**"Parity"** means the number specified as such in the applicable Final Terms;

**"Relevant Business Day"** means, unless otherwise specified in the applicable Final Terms, an Exchange Business Day (in respect of Certificates other than Commodity Securities, Currency Securities or Certificates relating to a Custom Index), a Custom Index Business Day (in respect of Custom Index

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

Securities), a Commodity Business Day (in respect of Commodity Securities) or a Scheduled Trading Day (in respect of Currency Securities), as applicable;

**"Reset Date"** means, unless otherwise specified in the applicable Final Terms, each calendar day in the period from and excluding the Issue Date to and including the Redemption Date;

**"Security Percentage"** means the percentage specified as such in the applicable Final Terms. Other than in the case of Securities which are Italian Securities, the Security Percentage may be adjusted by the Calculation Agent on each Reset Date in order to take into account changes in market conditions (including, in particular, volatility), provided that the adjusted Security Percentage (a) unless the Security Percentage is equal to zero, falls between the "Minimum Security Percentage" and the "Maximum Security Percentage" specified in the applicable Final Terms and (b) does not trigger the occurrence of an Automatic Early Redemption Event;

**"Security Threshold"** means the amount calculated as follows by the Calculation Agent and rounded upwards or downwards in accordance with the Security Threshold Rounding Rule specified in the applicable Final Terms:

- (a) in the case of Call Certificates, an amount equal to the product, rounded in accordance with the Security Threshold Rounding Rule specified in the applicable Final Terms, of (i) the Capitalised Exercise Price as at the Security Threshold Time on the relevant Reset Date and (ii) one, plus the Security Percentage; and
- (b) in the case of Put Certificates, an amount equal to the product, rounded in accordance with the Security Threshold Rounding Rule, (i) of the Capitalised Exercise Price as at the Security Threshold Time on the relevant Reset Date and (ii) one, minus the Security Percentage.

The Security Threshold calculated pursuant to the foregoing shall, subject as provided below, be published as soon as practicable for information purposes only (subject to technical problems) during normal business hours on any Local Business Day during the term of the relevant Certificates on the CEP Website(s) specified in the applicable Final Terms or such other website as may be notified to the Holders. If the Securities are Italian Securities the Security Threshold on the Issue Date shall be specified in the applicable Final Terms;

The Security Threshold, from time to time, calculated by the Calculation Agent shall be the Security Threshold at the relevant time and shall prevail over any Security Threshold published on the CEP Website(s), which is published for information purposes only and may subsequently be corrected should the amount published differ from the Security Threshold calculated by the Calculation Agent;

**"Security Threshold Time"** means the time specified as such in the applicable Final Terms, or if not so specified, 00:00:01 a.m. (CET);

**"Settlement Currency"** means Euro, unless otherwise specified in the applicable Final Terms;

**"Underlying Reference"** means the relevant Index, Share, ETI Interest, Commodity, Subject Currency, Debt Instrument or other basis of reference to which the relevant Certificates relate, as specified in the applicable Final Terms; and

**"Valuation Date"** means:

- (a) the date specified in the applicable Final Terms as the 2210 Final Valuation Date and the provisions of (a)(i), (a)(ii), (a)(iii) or (a)(iv), as applicable, of the definition of "Valuation Date" in Security Condition 28 shall apply if any such day is a Disrupted Day and, in the case of

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

Commodity Securities, the provisions of the definition of "Pricing Date" in the Commodity Security Conditions will apply if such day is a Commodity Disrupted Day; or

- (b) if Automatic Early Redemption is specified as being applicable in the applicable Final Terms and an Automatic Early Redemption Event occurs, the Relevant Automatic Early Redemption Valuation Date,

in each case, subject to adjustment in accordance with the relevant Conditions.

### 2. SPS COUPON/PREMIUM AMOUNT RATES, PAYOUTS AND ENTITLEMENT AMOUNTS

#### 2.1 SPS Coupon / Premium Amount Rates

The following Coupon Rate(s) or Premium Amount Rate will apply to the Securities if specified in the applicable Final Terms:

- (a) **SPS Fixed Coupon**

If SPS Fixed Coupon is specified as applicable in the applicable Final Terms:

Rate<sub>(i)</sub>.

*Description of the Coupon / Premium Amount Rate*

*A SPS Fixed Coupon provides that the Securities bear or pay interest or premium amount at a specified rate for the relevant period.*

- (b) **SPS Variable Amount Coupon**

If SPS Variable Amount Coupon is specified as applicable in the applicable Final Terms:

Rate<sub>(i)</sub>.

*Description of the Coupon / Premium Amount Rate*

*A SPS Variable Amount Coupon provides that the Securities bear or pay interest or premium amount at a specified floating or variable rate for the relevant period.*

- (c) **Digital Coupon**

If Digital Coupon is specified as applicable in the applicable Final Terms:

- (i) If the Digital Coupon Condition is satisfied in respect of SPS Coupon Valuation Date<sub>(i)</sub> or SPS Coupon Valuation Period<sub>(i)</sub>, as applicable:

Rate<sub>(i)</sub>; or

- (ii) if the Digital Coupon Condition is not satisfied in respect of SPS Coupon Valuation Date<sub>(i)</sub> or SPS Coupon Valuation Period<sub>(i)</sub>, as applicable:

zero.

*Description of the Coupon / Premium Amount Rate*

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

*A Digital Coupon provides that the Securities bear or pay interest or premium amount at a specified rate for the relevant period if a specified condition is met. If the condition is not met then the Securities will pay no interest or premium amount for that period.*

### (d) **Snowball Digital Coupon**

If Snowball Digital Coupon is specified as applicable in the applicable Final Terms:

- (i) if the Snowball Digital Coupon Condition is satisfied in respect of SPS Coupon Valuation Date<sub>(i)</sub> or SPS Coupon Valuation Period<sub>(i)</sub>, as applicable:

$$\text{Rate}_{(i)} + \text{SumRate}_{(i)}$$

Where "Sum Rate<sub>(i)</sub>" means the sum of Rate<sub>(i)</sub> for each SPS Coupon Valuation Date or SPS Coupon Valuation Period, as applicable, in the period from (but excluding) the last occurring Snowball Date (or if none the Issue Date) to (but excluding) the relevant SPS Coupon Valuation Date or SPS Coupon Valuation Period; or

- (ii) if the Snowball Digital Coupon Condition is not satisfied in respect of SPS Coupon Valuation Date<sub>(i)</sub> or SPS Coupon Valuation Period<sub>(i)</sub>, as applicable:

zero.

#### ***Description of the Coupon / Premium Amount Rate***

*A Snowball Digital Coupon provides that the Securities bear or pay interest or premium amount on the basis of a Digital Coupon Condition but with a memory effect. Any interest or premium amount not paid in respect of a period may be paid at a later date if certain conditions are met.*

### (e) **Accrual Digital Coupon**

If Accrual Digital Coupon is specified as applicable in the applicable Final Terms:

$$\text{Rate}_{(i)} \times (n/N)$$

Where:

"n" is the number of AC Digital Days in the relevant SPS Coupon Valuation Period<sub>(i)</sub> on which the AC Digital Coupon Condition is satisfied; and

"N" is the number of AC Digital Days in the relevant SPS Coupon Valuation Period<sub>(i)</sub>.

#### ***Description of the Coupon / Premium Amount Rate***

*An Accrual Digital Coupon provides that the Securities bear or pay interest or premium amount on the basis of a rate calculated by reference to the number of AC Digital Days on which a specified condition is satisfied in the relevant period.*

### (f) **Stellar Coupon**

If Stellar Coupon is specified as applicable in the applicable Final Terms:

$$\text{Max}(\text{Min Coupon}(i), \frac{1}{K} \sum_{k=1}^K \text{Max}[\text{Floor Percentage}(i), \text{Min}(\text{Cap Percentage}(i), \text{Coupon Value}(i, k))]) - \text{Strike Percentage}(i))$$

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

### ***Description of the Coupon / Premium Amount Rate***

*A Stellar Coupon provides that the Securities bear or pay interest or premium amount, in respect of the relevant period on the basis of a rate calculated by reference to a basket of Underlying References with the value of each Underlying Reference being subject to a cap and a floor. The rate is also subject to a floor.*

#### **(g) Cappuccino Coupon**

If Cappuccino Coupon is specified as applicable in the applicable Final Terms:

$$\text{Max}(\text{Min Coupon}(i), \frac{1}{K} \times \sum_{k=1}^K [\text{Max}(\text{Floor Percentage}(i), \text{Barrier Value}(i,k))] - \text{Strike Percentage}(i))$$

Where "**Barrier Value**" is:

- (i) if the Barrier Condition for the relevant Underlying Reference is satisfied in respect of the relevant SPS Coupon Valuation Date:

Cap Percentage<sub>(i)</sub>; or

- (ii) if the Barrier Condition for the relevant Underlying Reference is not satisfied in respect of the relevant SPS Coupon Valuation Date:

Coupon Value<sub>(i,k)</sub>.

### ***Description of the Coupon / Premium Amount Rate***

*A Cappuccino Coupon provides that the Securities bear or pay interest or premium amount on the basis of a rate calculated by reference to the average value of a basket of Underlying References where each value is floored and may be set at a fixed percentage (the Cap Percentage) if certain conditions are met.*

#### **(h) Ratchet Coupon**

If Ratchet Coupon is specified as applicable in the applicable Final Terms:

- (i) if Local Cap Percentage is specified as not applicable in the applicable Final Terms:

$$\text{Max} \left[ \sum_{q \text{ in } Q(i)} \text{Max}(\text{Coupon Value}(q) - \text{Strike Percentage}_{(i)}, \text{Local Floor Percentage}_{(i)}), \text{Global Floor Percentage}_{(i)} \right]$$

- (ii) if Local Cap Percentage is specified as applicable in the applicable Final Terms:

$$\text{Max} \left[ \sum_{q \text{ in } Q(i)} \text{Max}(\text{Min}(\text{Coupon Value}(q) - \text{Strike Percentage}_{(i)}, \text{Local Cap Percentage}_{(i)}), \text{Local Floor Percentage}_{(i)}), \text{Global Floor Percentage}_{(i)} \right]$$

### ***Description of the Coupon / Premium Amount Rate***

*A Ratchet Coupon provides that the Securities bear or pay interest or premium amount in respect of the relevant period on the basis of a rate calculated by reference to the sum of two or more rates, in each case subject to a floor and if applicable a cap.*

#### **(i) Driver Coupon**



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

If Driver Coupon is specified as applicable in the applicable Final Terms:

$$\text{Max}(\text{Min Coupon}(i), \frac{1}{K} \sum_{k=1}^K \text{Max}(\text{Floor Percentage}(i), \text{Modified Value}(i,k)) - \text{Strike Percentage}(i))$$

Where:

"**Modified Value(i,k)**" is:

- (i) if the Coupon Value(i,k) is one of the nfixed greatest value in the Basket of the Underlying References:

Driver Percentage; or

- (ii) otherwise:

Coupon Value(i,k).

### ***Description of the Coupon / Premium Amount Rate***

*A Driver Coupon provides that the Securities bear or pay interest or premium amount in respect of the relevant period on the basis of a rate calculated by reference to the average performance of a Basket of Underlying References with the Underlying Reference with the "nfixed" highest value being replaced by a fixed percentage (the Driver Percentage).*

#### **(j) Nova Coupon**

If Nova Coupon is specified as applicable in the applicable Final Terms:

- (i) if Cap Percentage is specified as not applicable in the applicable Final Terms:

$$\text{Constant Percentage}(i) + \text{Gearing}(i) \times \text{Max} \left[ \left( \text{Coupon Value}(i) \right)^{\frac{1}{T}} - \text{Strike Percentage}(i) + \text{Spread}(i), \text{Floor Percentage}(i) \right]$$

- (ii) if Cap Percentage is specified as applicable in the applicable Final Terms:

$$\text{Constant Percentage}(i) + \text{Min} \left( \text{Cap Percentage}(i), \text{Gearing}(i) \times \text{Max} \left[ \left( \text{Coupon Value}(i) \right)^{\frac{1}{T}} - \text{Strike Percentage}(i) + \text{Spread}(i), \text{Floor Percentage}(i) \right] \right)$$

### ***Description of the Coupon / Premium Amount Rate***

*A Nova Coupon provides that the Securities bear or pay interest on the basis of a rate calculated by reference to the value of Underlying Reference(s). The rate is also subject to a floor and if applicable a cap.*

#### **(k) Sum Coupon**

If Sum Coupon is specified in the applicable Final Terms:

$$\sum_{a=1}^A CW_a(i) \times \prod_{b=1}^B ([\text{Additional Coupon}]_{a,b}(i))$$

Where:

"CW" is the relevant Coupon Weighting;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"A" is the number specified as such in the applicable Final Terms; and

"B" is the number specified as such in the applicable Final Terms.

### ***Description of the Coupon / Premium Amount Rate***

*A Sum Coupon provides that the Securities bear or pay interest or premium amount in respect of the relevant period on the basis of a rate calculated as the weighted sum of two or more interest / premium amount rates provided in the Conditions and specified in the applicable Final Terms.*

#### **(l) Option Max Coupon**

If Option Max Coupon is specified as applicable in the applicable Final Terms:

$$\frac{A}{a} \times \text{Max}([\text{Additional Coupon}(j)]_a).$$

where "A" is the number specified as such in the applicable Final Terms.

### ***Description of the Coupon / Premium Amount Rate***

*An Option Max Coupon provides that the Securities bear or pay interest or premium amount in respect of the relevant period on the basis of a rate calculated as the maximum of two or more interest / premium amount rates provided in the Conditions and specified in the applicable Final Terms.*

#### **(m) Transition Coupon**

If Transition Coupon is specified as applicable in the applicable Final Terms:

$$\text{Rate}_{(i)} \times [\text{Initial Interest Bearing Amount} - \text{Coupon Invested Amount}_y].$$

Where:

"**Base Invested Amount**" means the percentage specified as such in the applicable Final Terms;

"**Coupon Invested Amount<sub>0</sub>**" means the percentage specified as such in the applicable Final Terms;

"**Coupon Invested Amount<sub>y</sub>**" means, in respect of a SPS Coupon Valuation Date or a SPS Coupon Valuation Period, a percentage equal to (i) the Coupon Multiplier in respect of such SPS Coupon Valuation Date or SPS Coupon Valuation Period, as the case may be, multiplied by (ii) the Base Invested Amount, provided that, if no Coupon Transition Event has occurred on or before such SPS Coupon Valuation Date or such SPS Coupon Valuation Period, as the case may be, Coupon Invested Amount<sub>y</sub> will be Coupon Invested Amount<sub>0</sub>;

"**Coupon Multiplier**" or "**y**" means, in respect of a SPS Coupon Valuation Date or a SPS Coupon Valuation Period, the number beside the relevant Coupon Transition Level that has been the subject of the Coupon Transition Event last occurring on or prior to such SPS Coupon Valuation Date or such SPS Coupon Valuation Period, as the case may be;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Coupon Transition Event"** means that, in respect of a SPS Coupon Valuation Date or a SPS Coupon Valuation Period, the Coupon Transition Value in respect of such SPS Coupon Valuation Date or such SPS Coupon Valuation Period is (i) "greater than", (ii) "greater than or equal to", (iii) "less than" or (iv) "less than or equal to" any Coupon Transition Rate, as specified in the applicable Final Terms;

**"Coupon Transition Event Date"** means each SPS Coupon Valuation Date in respect of which a Coupon Transition Event has occurred;

**"Coupon Transition Level"** means each percentage specified as such in the numbered table set out in the applicable Final Terms;

**"Coupon Transition Rate"** means (a) each Coupon Transition Level in the table set out in the applicable Final Terms that is (i) not a Coupon Transition Level that has been the subject of a Coupon Transition Event (a **"Triggered Coupon Transition Event Level"**) or (ii) (A) "greater than" or (B) "less than" a Triggered Coupon Transition Event Level (if any), as specified in the applicable Final Terms; or (b) if "Single Trigger" is specified as applicable in the applicable Final Terms, the relevant Single Coupon Transition Level;

**"Coupon Transition Value"** means, in respect of a SPS Coupon Valuation Date or a SPS Coupon Valuation Period, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

**"Initial Interest Bearing Amount"** means the percentage specified as such in the applicable Final Terms; and

**"Single Coupon Transition Level"** means, in respect of a SPS Coupon Valuation Date or a SPS Coupon Valuation Period, the first Coupon Transition Level in the table that has not been the subject of a Coupon Transition Event prior to such SPS Coupon Valuation Date or SPS Coupon Valuation Period, as the case may be.

### ***Description of the Coupon / Premium Amount Rate:***

*A Transition Coupon provides that the Securities bear or pay interest or premium amount at a rate, which is multiplied by the Initial Interest Bearing Amount minus the Invested Amount. The Invested Amount is exposed to the performance of the Underlying Reference. The ratio of the Initial Interest Bearing Amount and the Invested Amount will depend on whether a Coupon Transition Event has occurred and the Coupon Transition Rate in respect of which a Coupon Transition Event has been triggered.*

## 2.2 SPS Final Payouts

The following final payouts which when multiplied by the applicable NA (each a **"Final Payout"**) will apply to the Securities if specified in the applicable Final Terms:

### (a) **SPS Fixed Percentage Securities**

If the Securities are specified in the applicable Final Terms as being SPS Fixed Percentage Securities:

Constant Percentage 1

### ***Description of the Payout***

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

*The Payout comprises a fixed percentage equal to the Constant Percentage 1*

(b) **SPS Reverse Convertible Securities**

(i) **SPS Reverse Convertible Securities**

If the Securities are specified in the applicable Final Terms as being SPS Reverse Convertible Securities:

(A) if no Knock-in Event has occurred:

Constant Percentage 1; or

(B) if a Knock-in Event has occurred:

Max (Constant Percentage 2 + Gearing  $\times$  Option; 0%)

Where:

"**EDS**" means Max (Floor Percentage, Min (Constant Percentage 3 – nEDS  $\times$  Loss Percentage, 0%));

"**Forward**" means Final Redemption Value – Strike Percentage;

"**nEDS**" means the number of Underlying Reference(s) in the Basket in respect of which the Final Redemption Value is (i) less than or equal to or (ii) less than, as specified in the applicable Final Terms, the EDS Barrier Percentage;

"**Option**" means Put, Put Spread, EDS, Range Accrual or Forward, as specified in the applicable Final Terms;

"**Option 2**" means Put, Put Spread, EDS, Forward or the percentage specified as such in the applicable Final Terms, as specified in the applicable Final Terms;

"**Put**" means Max (Strike Percentage – Final Redemption Value; 0);

"**Put Spread**" means Min (Max (Strike Percentage – Final Redemption Value; 0); Cap Percentage);

"**Range Accrual**" means Min (Cap Percentage 1, Range Accrual Factor  $\times$  Range Accrual Count)  $\times$  Option 2;

"**Range Accrual Count**" means the total number of Range Accrual Valuation Dates in the Range Accrual Observation Period where the Final Redemption Value is (i) greater than, (ii) less than, (iii) equal to or greater than or (iv) less than or equal to, as specified in the applicable Final Terms, the Range Accrual Level;

"**Range Accrual Factor**" means the percentage, amount or number specified as such in the applicable Final Terms, or, if not so specified, 1 divided by the total number of Range Accrual Valuation Dates in the Range Accrual Observation Period;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Range Accrual Level"** means the percentage, amount or number specified as such in the applicable Final Terms;

**"Range Accrual Observation Period"** means the period specified as such in the applicable Final Terms; and

**"Range Accrual Valuation Date"** means each Averaging Date, Valuation Date, Pricing Date, Underlying Interest Determination Date and/or Settlement Price Date specified as such in the applicable Final Terms,

Provided That (aa) if the provisions of sub-paragraph (A) of this Payout Condition 2.2(b)(i) apply and Physical Delivery Option 1 is specified as applicable in the applicable Final Terms or (bb) if the provisions of sub-paragraph (B) of this Payout Condition 2.2(b)(i) apply and Physical Delivery Option 2 is specified as applicable in the applicable Final Terms, no Cash Settlement Amount will be payable and Physical Delivery will apply.

### ***Description of the Payout***

*The Payout comprises:*

- *if no Knock-in Event has occurred, a fixed percentage equal to the Constant Percentage 1;*
- *if a Knock-in Event has occurred and Option is Put or Put Spread, indexation to the value of the Underlying Reference(s) up to the Strike Percentage;*
- *if a Knock-in Event has occurred and Option is Forward, indexation to the value of the Underlying Reference(s);*
- *if a Knock-in Event has occurred and Option is EDS, a percentage that depends on how many Underlying Reference(s) in the basket have a value greater than the EDS Barrier Percentage. When Gearing is positive the higher the number of Underlying References with a value above this barrier the higher the Percentage; or*
- *if a Knock-in Event has occurred and Option is Range Accrual, a percentage that depends on how many days the Underlying Reference(s) is above, equal to or below (as specified in the applicable Final Terms) the Range Accrual Level.*

*Physical Delivery may also apply.*

### (ii) **SPS Reverse Convertible Standard Securities**

If the Securities are specified in the applicable Final Terms as being SPS Reverse Convertible Standard Securities:

- (A) if no Knock-in Event has occurred:
- 100%; or
- (B) if a Knock-in Event has occurred:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

Min (100%, Final Redemption Value).

### ***Description of the Payout***

*The Payout comprises:*

- *if no Knock-in Event has occurred, 100 per cent.; or*
- *if a Knock-in Event has occurred, the minimum of 100 per cent. and indexation to the value of the Underlying Reference(s).*

## **(c) SPS Vanilla Products**

### **(i) Vanilla Call Securities**

If the Securities are specified in the applicable Final Terms as being Vanilla Call Securities:

Constant Percentage 1 + Gearing\*Max (Final Redemption Value - Strike Percentage, Floor Percentage)

### ***Description of the Payout***

*The Payout comprises:*

- *if Gearing is positive, a fixed percentage equal to Constant Percentage 1 or, if Gearing is negative, no fixed percentage; and*
- *indexation to the value of the Underlying Reference(s) above the Strike Percentage.*

### **(ii) Vanilla Call Spread Securities**

If the Securities are specified in the applicable Final Terms as being Vanilla Call Spread Securities:

Constant Percentage 1 + Gearing \* Min (Max (Final Redemption Value - Strike Percentage; Floor Percentage), Cap Percentage)

### ***Description of the Payout***

*The Payout comprises:*

- *if Gearing is positive, a fixed percentage equal to Constant Percentage 1 or, if Gearing is negative, no fixed percentage; and*
- *indexation to the value of the Underlying Reference(s) above the Strike Percentage up to a maximum level. The maximum level is equal to the Cap Percentage.*

### **(iii) Vanilla Put Securities**

If the Securities are specified in the applicable Final Terms as being Vanilla Put Securities:

Constant Percentage 1 + Gearing \* Max (Strike Percentage - Final Redemption Value; 0)

### ***Description of the Payout***

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

*The Payout comprises:*

- *if Gearing is positive a fixed percentage equal to Constant Percentage or if Gearing is negative, no fixed percentage; and*
- *indexation to the value of the Underlying Reference(s) below the Strike Percentage.*

### (iv) **Vanilla Put Spread Securities**

If the Securities are specified in the applicable Final Terms as being Vanilla Put Spread Securities:

Constant Percentage 1 + Gearing \* Min (Max (Strike Percentage - Final Redemption Value; 0); Cap Percentage)

#### ***Description of the Payout***

*The Payout comprises:*

- *if Gearing is positive a fixed percentage equal to Constant Percentage 1 or, if Gearing is negative, no fixed percentage; and*
- *indexation to the value of the Underlying Reference(s) below the Strike Percentage up to a maximum level. The maximum level is equal to the Cap Percentage.*

### (v) **Vanilla Digital Securities**

If the Securities are specified in the applicable Final Terms as being Vanilla Digital Securities:

(A) if a Knock-in Event has occurred:

Constant Percentage 1 + Bonus Coupon; or

(B) if no Knock-in Event has occurred:

Constant Percentage 2.

#### ***Description of the Payout***

*The Payout comprises:*

- *a fixed percentage; and*
- *if a Knock-in Event has occurred, the Bonus Coupon.*

### (vi) **Knock-in Vanilla Call Securities**

If the Securities are specified in the applicable Final Terms as being Knock-in Vanilla Call Securities:

(A) if a Knock-in Event has occurred:

Constant Percentage 1 + Gearing \* Max (Final Redemption Value - Strike Percentage, Floor Percentage); or

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

(B) if no Knock-in Event has occurred:

Constant Percentage 2.

### ***Description of the Payout***

*The Payout comprises:*

- *a fixed percentage; and*
- *if a Knock-in Event has occurred, indexation to the value of the Underlying Reference(s) above the Strike Percentage.*

### (vii) **Knock-out Vanilla Call Securities**

If the Securities are specified in the applicable Final Terms as being Knock-out Vanilla Call Securities:

(A) if no Knock-out Event has occurred:

Constant Percentage 1 + Gearing \* Max (Final Redemption Value - Strike Percentage, Floor Percentage); or

(B) if a Knock-out Event has occurred:

Constant Percentage 2.

### ***Description of the Payout***

*The Payout comprises:*

- *a fixed percentage; and*
- *if no Knock-out Event has occurred, indexation to the value of the Underlying Reference(s) above the Strike Percentage.*

### (viii) **SPS Range Accrual Securities**

If the Securities are specified in the applicable Final Terms as being SPS Range Accrual Securities:

Max (Constant Percentage 2 + Gearing × Option; 0%)

Where:

"EDS" means Max (Floor Percentage, Min (Constant Percentage 3 – nEDS × Loss Percentage, 0%));

"Forward" means Final Redemption Value – Strike Percentage;

"nEDS" means the number of Underlying Reference(s) in the Basket in respect of which the Final Redemption Value is (i) less than or equal to or (ii) less than, as specified in the applicable Final Terms, the EDS Barrier Percentage;



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Option"** means Put, Put Spread, EDS, Range Accrual or Forward, as specified in the applicable Final Terms;

**"Option 2"** means Put, Put Spread, EDS, Forward or the percentage specified as such in the applicable Final Terms, as specified in the applicable Final Terms;

**"Put"** means  $\text{Max} (\text{Strike Percentage} - \text{Final Redemption Value}; 0)$ ;

**"Put Spread"** means  $\text{Min} (\text{Max} (\text{Strike Percentage} - \text{Final Redemption Value}; 0); \text{Cap Percentage})$ ;

**"Range Accrual"** means  $\text{Min} (\text{Cap Percentage} \times \text{Range Accrual Factor} \times \text{Range Accrual Count}) \times \text{Option 2}$ ;

**"Range Accrual Count"** means the total number of Range Accrual Valuation Dates in the Range Accrual Observation Period where the Final Redemption Value is (i) greater than, (ii) less than, (iii) equal to or greater than or (iv) less than or equal to, as specified in the applicable Final Terms, the Range Accrual Level;

**"Range Accrual Factor"** means the percentage, amount or number specified as such in the applicable Final Terms, or, if not so specified, 1 divided by the total number of Range Accrual Valuation Dates in the Range Accrual Observation Period;

**"Range Accrual Level"** means the percentage, amount or number specified as such in the applicable Final Terms;

**"Range Accrual Observation Period"** means the period specified as such in the applicable Final Terms; and

**"Range Accrual Valuation Date"** means each Averaging Date, Valuation Date, Pricing Date, Underlying Interest Determination Date and/or Settlement Price Date specified as such in the applicable Final Terms.

### ***Description of the Payout***

*The Payout comprises:*

- *if Option is Put or Put Spread, no fixed percentage and indexation to the value of the Underlying Reference(s) below the Strike Percentage;*
- *if Option is Forward, no fixed percentage and indexation to the value of the Underlying Reference(s);*
- *if Option is EDS, a percentage that depends on how many Underlying Reference(s) in the basket have a value greater than the EDS Barrier Percentage. When Gearing is positive the higher the number of Underlying Reference(s) with a value above this barrier the higher the percentage; or*
- *if Option is Range Accrual, a percentage that depends on how many days the Underlying Reference(s) is above, equal to or below (as specified in the applicable Final Terms) the Range Accrual Level.*

### (d) **Asian Products**

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

### (i) Asian Securities

If the Securities are specified in the applicable Final Terms as being Asian Securities:

(A) If Asian Local Cap is specified as applicable then:

$$\text{Constant Percentage 1} + \text{Gearing} * \text{Max} \left( \frac{1}{\text{Total M}} \times \sum_{(i)}^M (\text{Min}(\text{Max}(\text{Final Redemption Value}_{(i)} - \text{Strike Percentage}_{(i)}, \text{Local Floor Percentage}_{(i)}), \text{Local Cap Percentage}_{(i)})), \text{Floor Percentage} \right)$$

(B) If Asian Local Cap is specified as not applicable:

$$\text{Constant Percentage 1} + \text{Gearing} * \text{Max} \left( \frac{1}{\text{Total M}} \times \sum_{(i)}^M (\text{Max}(\text{Final Redemption Value}_{(i)} - \text{Strike Percentage}_{(i)}, \text{Local Floor Percentage}_{(i)})), \text{Floor Percentage} \right)$$

#### **Description of the Payout**

*The Payout comprises:*

- *a fixed percentage equal to Constant Percentage 1; and*
- *indexation to the average value of the Underlying Reference(s) when the average value is above the Strike Percentage.*

### (ii) Asian Spread Securities

If the Securities are specified in the applicable Final Terms as being Asian Spread Securities:

(A) If Asian Local Cap is specified as applicable then:

$$\text{Constant Percentage 1} + \text{Gearing} * \text{Min} \left( \text{Max} \left( \frac{1}{\text{Total M}} \times \sum_{(i)}^M (\text{Min}(\text{Max}(\text{Final Redemption Value}_{(i)} - \text{Strike Percentage}_{(i)}, \text{Local Floor Percentage}_{(i)}), \text{Local Cap Percentage}_{(i)})), \text{Floor Percentage} \right); \text{Cap Percentage} \right)$$

(B) If Asian Local Cap is specified as not applicable:

$$\text{Constant Percentage 1} + \text{Gearing} * \text{Min} \left( \text{Max} \left( \frac{1}{\text{Total M}} \times \sum_{(i)}^M (\text{Max}(\text{Final Redemption Value}_{(i)} - \text{Strike Percentage}_{(i)}, \text{Local Floor Percentage}_{(i)})), \text{Floor Percentage} \right); \text{Cap Percentage} \right)$$

#### **Description of the Payout**

*The Payout comprises:*

- *a fixed percentage equal to Constant Percentage 1; and*
- *indexation to the average value of the Underlying Reference(s) up to a maximum level if the average value is above the Strike Percentage. The maximum level is equal to the Cap Percentage.*

### (iii) Himalaya Securities

If the Securities are specified in the applicable Final Terms as being Himalaya Securities:

$$\text{Constant Percentage 1} + \text{Gearing} * \text{Max} \left( \frac{1}{\text{Total M}} \times \sum_{(i)}^M \text{max}(\text{Best Lock Value}_{(i)} - \text{Strike Percentage}_{(i)}, \text{Local Floor Percentage}_{(i)}), 0 \right)$$

Where:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"**BestLockValue<sub>(i)</sub>**" means the highest Underlying Reference Value on SPS Valuation Date<sub>(i)</sub> of the Underlying Reference(s) in Relevant Basket<sub>(i)</sub>; and

"**Relevant Basket<sub>(i)</sub>**" means, in respect of SPS Valuation Date<sub>(i)</sub>, a Basket comprising each Underlying Reference in Relevant Basket<sub>(i-1)</sub> but excluding the Underlying Reference in relation to BestLockValue<sub>(i-1)</sub>.

Relevant Basket<sub>(i=1)</sub> will be set out in the applicable Final Terms.

### **Description of the Payout**

*The Payout comprises:*

- *a fixed percentage equal to Constant Percentage 1;*
- *average indexation to the Underlying References above the Strike Percentage in accordance with the selection criteria on each Valuation Date where the Value of the best performing Underlying Reference in the Basket is calculated and then removed from the Basket for the following Valuation Dates, the Payout providing indexation to the average of those calculated Values (the BestLockValues) above the Strike Percentage.*

#### (iv) **Talisman Securities**

If the Securities are specified in the applicable Final Terms as being Talisman Securities:

- (A) if Mono Underlying Reference Talisman Securities is specified in the applicable Final Terms:

$$+ \text{Max} \left( \text{Global Floor Percentage}; \left[ \frac{\text{Constant Percentage 1}}{I} \times \sum_{i=1}^i A_{(i)} \times \text{Talisman Value}_{(i)} \right] - \text{Strike Percentage} \right)$$

Where:

"**Talisman Value<sub>(i)</sub>**" means, in respect of a SPS Valuation Date, the absolute value of:

*Final Redemption Value<sub>(i)</sub> – AVRG Value; or*

- (B) if Multi Underlying Reference Talisman Securities is specified in the applicable Final Terms:

$$\text{Constant Percentage 1} + \text{Max} \left( \text{Global Floor Percentage}; \left[ \frac{1}{k} \times \sum_{k=1}^k \text{Talisman Value}_{(k)} \right] - \text{Strike Percentage} \right)$$

Where:

"**Talisman Value<sub>(k)</sub>**" means, in respect of a SPS Valuation Date and the relevant Underlying Reference(k), the absolute value of:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

*Final Redemption Value<sub>(k)</sub> – AVR Value*

### **Description of the Payout**

*The Payout comprises indexation to the average value of the Underlying Reference(s) when the average value is above the Strike Percentage subject to a minimum level of the Global Floor Percentage.*

#### (e) **Auto-Callable Products**

##### (i) **Autocall Securities**

If the Securities are specified in the applicable Final Terms as being Autocall Securities:

(A) if the Final Redemption Condition is satisfied:

Constant Percentage 1 + FR Exit Rate; or

(B) if the Final Redemption Condition is not satisfied and no Knock-in Event has occurred:

Constant Percentage 2 + Coupon Airbag Percentage; or

(C) if the Final Redemption Condition is not satisfied and a Knock-in Event has occurred:

Max (Constant Percentage 3 + Gearing × Option; 0%)

where:

"**EDS**" means Max (Floor Percentage, Min (Constant Percentage 4 – nEDS × Loss Percentage, 0%));

"**Forward**" means Final Redemption Value – Strike Percentage;

"**nEDS**" means the number of underlying Reference(s) in the Basket in respect of which the relevant Final Redemption Value is (i) less than or equal to or (ii) less than, as specified in the applicable Final Terms, the EDS Barrier Percentage;

"**Option**" means Put, Put Spread, EDS, Range Accrual or Forward, as specified in the applicable Final Terms;

"**Option 2**" means Put, Put Spread, EDS, Forward or the percentage specified as such in the applicable Final Terms, as specified in the applicable Final Terms;

"**Put**" means Max (Strike Percentage – Final Redemption Value; 0);

"**Put Spread**" means Min (Max (Strike Percentage – Final Redemption Value; 0); Cap Percentage);

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Range Accrual"** means  $\text{Min (Cap Percentage 1, Range Accrual Factor x Range Accrual Count) x Option 2}$ ;

**"Range Accrual Count"** means the total number of Range Accrual Valuation Dates in the Range Accrual Observation Period where the Final Redemption Value is (i) greater than, (ii) less than, (iii) equal to or greater than or (iv) less than or equal to, as specified in the applicable Final Terms, the Range Accrual Level;

**"Range Accrual Factor"** means the percentage, amount or number specified as such in the applicable Final Terms, or, if not so specified, 1 divided by the total number of Range Accrual Valuation Dates in the Range Accrual Observation Period;

**"Range Accrual Level"** means the percentage, amount or number specified as such in the applicable Final Terms;

**"Range Accrual Observation Period"** means the period specified as such in the applicable Final Terms; and

**"Range Accrual Valuation Date"** means each Averaging Date, Valuation Date, Pricing Date, Underlying Interest Determination Date and/or Settlement Price Date specified as such in the applicable Final Terms,

Provided That (aa) if the provisions of sub-paragraph (A) of this Payout Condition 2.2(e)(i) apply and Physical Delivery Option 1 is specified as applicable in the applicable Final Terms or (bb) if the provisions of sub-paragraph (B) of this Payout Condition 2.2(e)(i) apply and Physical Delivery Option 2 is specified as applicable in the applicable Final Terms or (cc) if the provisions of sub-paragraph (C) of this Payout Condition 2.2(e)(i) apply and Physical Delivery Option 3 is specified as applicable in the applicable Final Terms, no Cash Settlement Amount will be payable and Physical Delivery will apply.

### ***Description of the Payout***

*The Payout comprises:*

- *if the Final Redemption Condition is satisfied, a fixed percentage plus a final exit rate (equal to the FR Exit Rate);*
- *if the Final Redemption Condition is not satisfied and no Knock-In Event has occurred, a fixed percentage (that may differ from the above fixed percentage);*
- *if the Final Redemption Condition is not satisfied, a Knock-In Event has occurred and Option is Put or Put Spread no fixed percentage and indexation to the value of the Underlying Reference(s) below the Strike Percentage;*
- *if the Final Redemption Condition is not satisfied, a Knock-in Event has occurred and Option is Forward, no fixed percentage and indexation to the value of the Underlying Reference(s);*

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- *if the Final Redemption Condition is not satisfied, a Knock-in Event has occurred and Option is EDS, a percentage that depends on how many Underlying Reference(s) in the basket have a value greater than the EDS Barrier Percentage. When Gearing is positive the higher the number of Underlying Reference(s) with a value above this barrier the higher the percentage; or*
- *if the Final Redemption Condition is not satisfied, a Knock-in Event has occurred and Option is Range Accrual, a percentage that depends on how many days the Underlying Reference(s) is above, equal to or below (as specified in the applicable Final Terms) the Range Accrual Level.*

*Physical Delivery may also apply.*

### (ii) Autocall One Touch Securities

If the Securities are specified in the applicable Final Terms as being Autocall One Touch Securities:

- (A) if the Final Redemption Condition is satisfied:

Constant Percentage 1 + FR Exit Rate;

- (B) if the Final Redemption Condition is not satisfied and a Knock-out Event has occurred:

Constant Percentage 2 + Coupon Airbag Percentage 1; or

- (C) if the Final Redemption Condition is not satisfied, no Knock-out Event has occurred and no Knock-in Event has occurred:

Constant Percentage 3 + Coupon Airbag Percentage 2; or

- (D) if the Final Redemption Condition is not satisfied and if no Knock-out Event has occurred but a Knock-in Event has occurred:

Max (Constant Percentage 4 + Gearing  $\times$  Option; 0%)

where:

"**Option**" means Put, Put Spread or Forward as specified in the applicable Final Terms;

"**Forward**" means Final Redemption Value – Strike Percentage;

"**Put**" means Max (Strike Percentage – Final Redemption Value; 0); and

"**Put Spread**" means Min (Max (Strike Percentage – Final Redemption Value; 0); Cap Percentage).

### *Description of the Payout*

*The Payout comprises:*

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- *if the Final Redemption Condition is satisfied, a fixed percentage plus a final exit rate (equal to the FR Exit Rate);*
- *if the Final Redemption Condition is not satisfied and a Knock-Out Event has occurred, a fixed percentage (that may differ from the above fixed percentage);*
- *if the Final Redemption Condition is not satisfied and no Knock-Out Event and no Knock-In Event has occurred, a fixed percentage (that may differ from the above fixed percentages); or*
- *if the Final Redemption Condition is not satisfied and no Knock-Out Event has occurred but a Knock-In Event has occurred, if Option is Put or Put Spread no fixed percentage and indexation to the value of the Underlying Reference(s) below the Strike Percentage; or if Option is Forward, no fixed percentage and indexation to the value of the Underlying Reference(s).*

### (iii) Autocall Standard Securities

If the Securities are specified in the applicable Final Terms as Autocall Standard Securities:

- (A) If FR Barrier Value is greater than or equal to the Final Redemption Condition Level:

100% + FR Exit Rate; or

- (B) If FR Barrier Value is less than the Final Redemption Condition Level and no Knock-in Event has occurred:

100% + Coupon Airbag Percentage; or

- (C) If FR Barrier Value is less than the Final Redemption Condition Level and a Knock-in Event has occurred:

Min (100%,Final Redemption Value)

### **Description of the Payout**

*The Payout comprises:*

- *if the FR Barrier Value on the SPS FR Barrier Valuation Date is equal to or greater than the Final Condition Level, 100 per cent. plus a final exit rate (equal to the FR Exit Rate);*
- *if the FR Barrier Value on the SPS FR Barrier Valuation Date is less than the Final Redemption Condition Level and no Knock-in Event has occurred, 100 per cent. plus a fixed percentage; or*
- *if the FR Barrier Value on the SPS FR Barrier Valuation Date is less than the Final Redemption Condition Level and a Knock-in Event has occurred, the minimum of 100 per cent. and indexation to the value of the Underlying Reference(s).*

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

### (f) Indexation Products

#### (i) Certi plus: Booster Securities

If the Securities are specified in the applicable Final Terms as being Certi plus: Booster Securities:

(A) if Cap is specified as not applicable in the applicable Final Terms:

Constant Percentage 1 + [Final Redemption Value + Additional Gearing × Max (Final Redemption Value - Strike Percentage, 0)]

(B) if Cap is specified as applicable in the applicable Final Terms:

Constant Percentage 1 + Min [Final Redemption Value + Additional Gearing × Max (Final Redemption Value - Strike Percentage, 0), Cap Percentage]

#### *Description of the Payout*

*If Cap is specified as not applicable the Payout comprises:*

- *indexation to the value of the Underlying Reference(s); and*
- *additional indexation to the value of the Underlying Reference(s) above the Strike Percentage.*

*If Cap is specified as applicable the Payout provides a limited maximum upside and comprises:*

- *indexation to the value of the Underlying Reference(s); and*
- *additional indexation to the value of the Underlying Reference(s) above the Strike Percentage;*
- *subject to a cap of the Cap Percentage.*

#### (ii) Certi plus: Bonus Securities

If the Securities are specified in the applicable Final Terms as being Certi plus: Bonus Securities:

(A) if Cap is specified as not applicable in the applicable Final Terms:

(x) if a Knock-out Event has occurred:

Constant Percentage 1 + (Down Final Redemption Value); or

(y) if no Knock-out Event has occurred:

Constant Percentage 1 + [Max (Bonus Percentage, Up Final Redemption Value)].

(B) if Cap is specified as applicable in the applicable Final Terms:

(x) if a Knock-out Event has occurred:

Constant Percentage 1 + [Down Final Redemption Value - Max (Down Final Redemption Value - Cap Percentage, 0)]; or

(y) if no Knock-out Event has occurred:



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

Constant Percentage 1 + [Max (Bonus Percentage, Up Final Redemption Value) - Max (Up Final Redemption Value - Cap Percentage, 0)].

### *Description of the Payout*

*If Cap is specified as not applicable the Payout comprises:*

- *if no Knock-out Event has occurred, a minimum percentage and indexation to the value of the Underlying Reference(s) above the Bonus Percentage; or*
- *if a Knock-out Event has occurred, indexation to the value of the Underlying Reference(s) (this value may differ from the above value).*

*If Cap is specified as applicable the Payout provides limited maximum upside and comprises:*

- *if no Knock-out Event has occurred, a minimum percentage and indexation to the value of the Underlying Reference(s) above the Bonus Percentage up to a maximum level. The maximum level is equal to the Cap Percentage; or*
- *if a Knock-out Event has occurred, indexation to the value of the Underlying Reference(s) (this value may differ from the above value) up to a maximum level equal to the Cap Percentage.*

### (iii) **Certi plus: Leveraged Securities**

If the Securities are specified in the applicable Final Terms as being Certi plus: Leveraged Securities:

(A) if Cap is specified as not applicable in the applicable Final Terms:

(x) if a Knock-out Event has occurred:

Constant Percentage 1 + [Final Redemption Value + Additional Gearing × Max (Final Redemption Value - Strike Percentage, 0)]; or

(y) if no Knock-out Event has occurred:

Constant Percentage 1 + (Max(100%, 100% + (1 + Additional Gearing) × (Final Redemption Value - Strike Percentage)))

(B) if Cap is specified as applicable in the applicable Final Terms:

(x) if a Knock-out Event has occurred:

Constant Percentage 1 + Min [Cap Percentage, [Final Redemption Value + Additional Gearing × Max (Final Redemption Value - Strike Percentage, 0)]]; or

(y) if no Knock-out Event has occurred:

Constant Percentage 1 + Min [Cap Percentage, [Max(100%, 100% + (1 + Additional Gearing) × (Final Redemption Value - Strike Percentage))]]

### *Description of the Payout*

*If Cap is specified as not applicable the Payout comprises:*

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- *if no Knock-out Event has occurred, a minimum percentage and leveraged indexation to the value of the Underlying Reference(s) above the Strike Percentage; or*
- *if a Knock-out Event has occurred, indexation to the value of the Underlying Reference(s) plus additional indexation to the value of the Underlying Reference(s) above the Strike Percentage.*

*If Cap is specified as applicable the Payout provides limited maximum upside and comprises:*

- *if no Knock-out Event has occurred, a minimum percentage and leveraged indexation to the value of the Underlying Reference(s) above the Strike Percentage up to a maximum level equal to the Cap Percentage; or*
- *if a Knock-out Event has occurred, indexation to the value of the Underlying Reference(s) plus additional indexation to the value of the Underlying Reference(s) above the Strike Percentage. The aggregate indexation is limited to a maximum level equal to the Cap Percentage.*

### (iv) **Certi plus: Twin Win Securities**

If the Securities are specified in the applicable Final Terms as being Certi plus: Twin Win Securities:

(A) if Cap is specified as not applicable in the applicable Final Terms:

(x) if a Knock-out Event has occurred:

Constant Percentage 1 + Max [0, Gear Down\*Final Redemption Value];  
or

(y) if no Knock-out Event has occurred:

Constant Percentage 2 + Max [Max (Gear up 1\*(Strike Percentage - Final Redemption Value), Gear up 2\*(Final Redemption Value - Strike Percentage)), Floor Percentage]

(B) if Cap is specified as applicable in the applicable Final Terms:

(x) if a Knock-out Event has occurred:

Constant Percentage 1 + [Min (Cap Percentage, Gear Down\*Final Redemption Value)]; or

(y) if no Knock-out Event has occurred:

Constant Percentage 2 + Max [Max (Gear up 1\*(Strike Percentage - Final Redemption Value), Min (Cap Percentage - Strike Percentage, Gear up 2\*(Final Redemption Value - Strike Percentage))), Floor Percentage].

### **Description of the Payout**

*If Cap is specified as not applicable the Payout comprises:*

- *if no Knock-out Event has occurred, a minimum percentage, indexation to the value of the Underlying Reference(s) above the Strike Percentage and indexation to the value of the Underlying Reference(s) below the Strike Percentage in absolute terms; or*

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- *if a Knock-out Event has occurred, indexation to the value of the Underlying Reference(s).*

*If Cap is specified as applicable the Payout comprises:*

- *if no Knock-out Event has occurred, a minimum percentage, indexation to the value of the Underlying Reference(s) above the Strike Percentage and up to a maximum level equal to the Cap Percentage and indexation to the value of the Underlying Reference(s) below the Strike Percentage in absolute terms;  
or*
- *if a Knock-out Event has occurred, indexation to the value of the Underlying Reference(s) up to a maximum level equal to the Cap Percentage.*

### (v) **Certi plus: Super Sprinter Securities**

If the Securities are specified in the applicable Final Terms as being Certi plus: Super Sprinter Securities:

(A) if Cap is specified as not applicable in the applicable Final Terms:

(x) if a Knock-in Event has occurred:

Constant Percentage 1+Final Redemption Value+Additional Gearing  $\times$  Max (Final Redemption Value-Strike Percentage, 0); OR

(y) if no Knock-in Event has occurred:

Constant Percentage 1+Final Redemption Value.

(B) if Cap is specified as applicable in the applicable Final Terms:

(x) if a Knock-in Event has occurred:

Constant Percentage 1+ [Min (Cap Percentage, Final Redemption Value +Additional Gearing  $\times$ Max (Final Redemption Value -Strike Percentage, 0))]  
; or

(y) if no Knock-in Event has occurred:

Constant Percentage 1 +[Min (Cap Percentage,Final Redemption Value)].

### **Description of the Payout**

*If Cap is specified as not applicable the Payout comprises:*

- *indexation to the value of the Underlying Reference(s); and*
- *if a Knock-in Event occurs, additional indexation to the value of the Underlying Reference(s) above the Strike Percentage.*

*If Cap is specified as applicable the Payout provides a limited maximum upside and comprises:*

- *indexation to the value of the Underlying Reference(s) up to a maximum level;*

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- *if a Knock-in Event has occurred, additional indexation to the value of the Underlying Reference(s) above the Strike Percentage up to a maximum level; and*
- *a maximum payout equal to Constant Percentage 1 plus the Cap Percentage.*

### (vi) **Certi plus: Generic Securities**

If the Securities are specified in the applicable Final Terms as being Certi plus: Generic Securities:

Constant Percentage 1+ Gearing Up  $\times$  Option Up + Gearing Down  $\times$  Option Down

where:

**"Down Call"** means Max (Down Final Redemption Value – Down Strike Percentage; Down Floor Percentage);

**"Down Call Spread"** means Min (Max (Down Final Redemption Value – Down Strike Percentage; Down Floor Percentage); Down Cap Percentage);

**"Down Forward"** means Down Final Redemption Value – Down Strike Percentage;

**"Down Put"** means Max (Down Strike Percentage – Down Final Redemption Value; Down Floor Percentage);

**"Down Put Spread"** means Min (Max (Down Strike Percentage – Down Final Redemption Value; Down Floor Percentage); Down Cap Percentage);

**"Option Down"** means Down Put, Down Put Spread, Down Forward, Down Call or Down Call Spread as specified in the applicable Final Terms;

**"Option Up"** means Up Call, Up Call Spread, Up Forward, Up Put or Up Put Spread as specified in the applicable Final Terms;

**"Up Call"** means Max (Up Final Redemption Value – Up Strike Percentage; Up Floor Percentage);

**"Up Call Spread"** means Min (Max (Up Final Redemption Value – Up Strike Percentage; Up Floor Percentage); Up Cap Percentage);

**"Up Forward"** means Up Final Redemption Value – Up Strike Percentage;

**"Up Put"** means Max (Up Strike Percentage – Up Final Redemption Value; Up Floor Percentage); and

**"Up Put Spread"** means Min (Max (Up Strike Percentage – Up Final Redemption Value; Up Floor Percentage); Up Cap Percentage).

### ***Description of the Payout***

*The Payout provides no guarantee of a fixed percentage and comprises:*

- *indexation to the value of the Underlying Reference(s) through the Option Up which may be subject to a maximum level; and*

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- *indexation to the value (this value may differ from the value above) of the Underlying Reference(s) through the Option Down which may be subject to a maximum level (which may differ from the maximum level above).*

### (vii) **Certi plus: Generic Knock-in Securities**

If the Securities are specified in the applicable Final Terms as being Certi plus: Generic Knock-in Securities:

- (A) if no Knock-in Event has occurred:

Constant Percentage 1 + Gearing Up  $\times$  Option Up; or

- (B) if a Knock-in Event has occurred:

Constant Percentage 2 + Gearing Down  $\times$  Option Down,

where:

**"Down Call"** means Max (Down Final Redemption Value – Down Strike Percentage; Down Floor Percentage);

**"Down Call Spread"** means Min (Max (Down Final Redemption Value – Down Strike Percentage; Down Floor Percentage); Down Cap Percentage);

**"Down Forward"** means Down Final Redemption Value – Down Strike Percentage;

**"Down Put"** means Max (Down Strike Percentage – Down Final Redemption Value; Down Floor Percentage);

**"Down Put Spread"** means Min (Max (Down Strike Percentage – Down Final Redemption Value; Down Floor Percentage); Down Cap Percentage);

**"Option Down"** means Down Put, Down Put Spread, Down Forward, Down Call or Down Call Spread as specified in the applicable Final Terms;

**"Option Up"** means Up Call, Up Call Spread, Up Forward, Up Put or Up Put Spread as specified in the applicable Final Terms;

**"Up Call"** means Max (Up Final Redemption Value – Up Strike Percentage; Up Floor Percentage);

**"Up Call Spread"** means Min (Max (Up Final Redemption Value – Up Strike Percentage; Up Floor Percentage); Up Cap Percentage);

**"Up Forward"** means Up Final Redemption Value – Up Strike Percentage;

**"Up Put"** means Max (Up Strike Percentage – Up Final Redemption Value; Up Floor Percentage); and

**"Up Put Spread"** means Min (Max (Up Strike Percentage – Up Final Redemption Value; Up Floor Percentage); Up Cap Percentage).

### ***Description of the Payout***

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

*The Payout comprises:*

- *if no Knock-in Event occurs, a fixed percentage and indexation to the value of the Underlying Reference(s) through the Option Up which may be subject to a maximum level; or*
- *if a Knock-in Event occurs, a fixed percentage and indexation to the value of the Underlying Reference(s) (this value may differ from the value above) through the Option Down which may be subject to a maximum level (which may differ from the maximum level above).*

### (viii) **Certi plus: Generic Knock-out Securities**

If the Securities are specified in the applicable Final Terms as being Certi plus: Generic Knock-out Securities:

(A) if no Knock-out Event has occurred:

Constant Percentage 1 + Gearing Up x Option Up; or

(B) if a Knock-out Event has occurred:

Constant Percentage 2 + Gearing Down x Option Down,

where:

**"Down Call"** means  $\text{Max (Down Final Redemption Value – Down Strike Percentage; Down Floor Percentage)}$ ;

**"Down Call Spread"** means  $\text{Min (Max (Down Final Redemption Value – Down Strike Percentage; Down Floor Percentage); Down Cap Percentage)}$ ;

**"Down Forward"** means  $\text{Down Final Redemption Value – Down Strike Percentage}$ ;

**"Down Put"** means  $\text{Max (Down Strike Percentage – Down Final Redemption Value; Down Floor Percentage)}$ ;

**"Down Put Spread"** means  $\text{Min (Max (Down Strike Percentage – Down Final Redemption Value; Down Floor Percentage); Down Cap Percentage)}$ ;

**"Option Down"** means Down Put, Down Put Spread, Down Forward, Down Call or Down Call Spread as specified in the applicable Final Terms;

**"Option Up"** means Up Call, Up Call Spread, Up Forward, Up Put or Up Put Spread as specified in the applicable Final Terms;

**"Up Call"** means  $\text{Max (Up Final Redemption Value – Up Strike Percentage; Up Floor Percentage)}$ ;

**"Up Call Spread"** means  $\text{Min (Max (Up Final Redemption Value – Up Strike Percentage; Up Floor Percentage); Up Cap Percentage)}$ ;

**"Up Forward"** means  $\text{Up Final Redemption Value – Up Strike Percentage}$ ;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"**Up Put**" means Max (Up Strike Percentage – Up Final Redemption Value; Up Floor Percentage); and

"**Up Put Spread**" means Min (Max (Up Strike Percentage – Up Final Redemption Value; Up Floor Percentage); Up Cap Percentage).

### *Description of the Payout*

*The Payout comprises:*

- *if no Knock-out Event occurs, a fixed percentage and indexation to the value of the Underlying Reference(s) through the Option Up which may be subject to a maximum level; or*
- *if a Knock-out Event occurs, a fixed percentage and indexation to the value of the Underlying Reference(s) (this value may differ from the value above) through the Option Down which may be subject to a maximum level (which may differ from the maximum level above).*

### (g) **Ratchet Securities**

If the Securities are specified in the applicable Final Terms as being Ratchet Securities:

- (i) if Local Cap is specified as not applicable in the applicable Final Terms:

$$\text{Constant Percentage } 1 + \text{Max} \left( \sum_{q \text{ in } Q(i)} \text{Max}(\text{Final Redemption Value}(q) - \text{Strike Percentage}, \text{Local Floor Percentage}), \text{Global Floor Percentage} \right)$$

- (ii) if Local Cap is specified as applicable in the applicable Final Terms:

$$\text{Constant Percentage } 1 + \text{Max} \left( \sum_{q \text{ in } Q(i)} \text{Max}(\text{Min}(\text{Final Redemption Value}(q) - \text{Strike Percentage}, \text{Local Cap Percentage}), \text{Local Floor Percentage}), \text{Global Floor Percentage} \right)$$

### *Description of the Payout*

*The Payout provides an amount equal to the sum of the Final Redemption Values above the Strike Percentage subject to a floor of the Global Floor Percentage. The Final Redemption Values are calculated on each SPS Valuation Date during the SPS Valuation Period and each may be subject to a Cap and/or a floor.*

### (h) **Sum Securities**

If the Securities are specified in the applicable Final Terms as being Sum Securities:

$$\text{Constant Percentage } 1 + \sum_{a=1}^A \text{PW}_a \prod_{b=1}^B ([\text{Additional Final Payout}]_{a,b}).$$

Where:

"**PW**" is the relevant Additional Final Payout Weighting;

"**A**" is the number specified as such in the applicable Final Terms; and

"**B**" is the number specified as such in the applicable Final Terms.

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

### ***Description of the Payout***

*The Payout comprises a weighted sum of two or more Payouts provided in the Conditions and specified in the applicable Final Terms.*

#### **(i) Option Max Securities**

If the Securities are specified in the applicable Final Terms as being Option Max Securities:

$$\text{Constant Percentage } 1 + \frac{A}{a=1} \text{Max} ([\text{Additional Final Payout}]_a)$$

where "A" is the number specified as such in the applicable Final Terms.

### ***Description of the Payout***

*The Payouts comprises a maximum of two or more Payouts provided in the Conditions and specified in the applicable Final Terms.*

#### **(j) Stellar Securities**

If the Securities are specified in the applicable Final Terms as being Stellar Securities:

$$\text{Max} \left( \text{Global Floor Percentage}, \frac{1}{K} \sum_{k=1}^K \text{Max} [\text{Local Floor Percentage}, \text{Min} (\text{Cap Percentage}, \text{Final Redemption Value}(k))] - \text{Strike Percentage} \right)$$

### ***Description of the Payout***

*The Payout comprises an amount equal to the sum of the Final Redemption Values above the Strike Percentage for each Underlying Reference in the basket (each such Final Redemption Value being subject to a minimum and a maximum level) subject to a minimum level of the Global Floor Percentage.*

#### **(k) Driver Securities**

If the Securities are specified in the applicable Final Terms as being Driver Securities:

$$\text{Max} \left( \text{Global Floor Percentage}, \frac{1}{K} \sum_{k=1}^K \text{Max} (\text{Floor Percentage}, \text{Modified Value } (k)) - \text{Strike Percentage} \right)$$

Where:

"**Modified Value<sub>(k)</sub>**" is:

- (i) if the Final Redemption Value<sub>(k)</sub> is one of the nfixed greatest values in the basket of Underlying References:

Driver Percentage; or

- (ii) otherwise:

Final Redemption Value<sub>(k)</sub>.



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

### *Description of the Payout*

*The Payout comprises an amount calculated by reference to the average performance of a basket of Underlying References above the Strike Percentage with the Underlying Reference with the "nfixed" highest value being replaced by a fixed percentage (the Driver Percentage), subject to a minimum level of the Global Floor Percentage.*

#### (1) **Transition Securities**

If the Securities are specified in the applicable Final Terms as being Transition Securities:

$$\begin{aligned} & \text{Constant Percentage 1} + \text{Initial Underlying Allocation} \\ & \times (\text{Final Redemption Value} - \text{Constant Percentage 2}) \\ & + \sum_{y=1}^y \text{Invested Amount}_y \times \left( \frac{\text{Final Redemption Value}}{\text{Investment Strike Level}_y} \right. \\ & \left. - \text{Constant Percentage 3} \right) \end{aligned}$$

Where:

**"Base Invested Amount"** means the percentage specified as such in the applicable Final Terms;

**"Initial Underlying Allocation"** means the percentage specified as such in the applicable Final Terms;

**"Invested Amount<sub>0</sub>"** means the percentage specified as such in the applicable Final Terms;

**"Invested Amount<sub>y</sub>"** means a percentage equal to (i) the Multiplier multiplied by (ii) the Base Invested Amount, provided that, if no Transition Trigger Event has occurred on or before the SPS Redemption Valuation Date, Invested Amount<sub>y</sub> shall be the Invested Amount<sub>0</sub>;

**"Investment Strike Level"** means the percentage specified as such in the applicable Final Terms;

**"Multiplier"** or **"y"** means the number beside the relevant Transition Trigger Level that has been the subject of the Transition Trigger Event last occurring on or prior to the SPS Redemption Valuation Date;

**"Single Transition Trigger Level"** means, in respect of a SPS Transition Valuation Date or a SPS Transition Valuation Period, the first Transition Trigger Level in the table that has not been the subject of a Transition Trigger Event prior to such SPS Transition Valuation Date or SPS Transition Valuation Period, as the case may be;

**"SPS Transition Valuation Date"** means each Averaging Date, Valuation Date, Pricing Date, Underlying Interest Determination Date and/or Settlement Price Date specified as such in the applicable Final Terms;

**"SPS Transition Valuation Period"** means each period specified as such in the applicable Final Terms;

**"Transition Trigger Event"** means that, in respect of a SPS Transition Valuation Date or a SPS Transition Valuation Period, the Transition Trigger Value in respect of such SPS Transition Valuation Date or SPS Transition Valuation Period is (i) "greater than", (ii) "greater than or

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

equal to", (iii) "less than" or (iv) "less than or equal to" any Transition Trigger Rate, as specified in the applicable Final Terms;

**"Transition Trigger Level"** means each percentage specified as such in the numbered table set out in the applicable Final Terms;

**"Transition Trigger Rate"** means (a) each Transition Trigger Level in the table set out in the applicable Final Terms that is (i) not a Transition Trigger Level that has been the subject of a Transition Trigger Event (a **"Triggered Transition Trigger Level"**) or (ii) (A) "greater than" or (B) "less than" a Triggered Transition Trigger Level, as specified in the applicable Final Terms, or (b) if "Single Trigger" is specified as applicable in the applicable Final Terms, the relevant Single Transition Trigger Level;

**"Transition Trigger Value"** means, in respect of a SPS Transition Valuation Date or a SPS Transition Valuation Period, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

### ***Description of the Payout***

*The Payout comprises:*

- *if a Transition Trigger Event has not occurred, a fixed percentage plus the Initial Underlying Allocation, multiplied by the performance of the Underlying Reference; or*
  - *if at least one Transition Trigger Event has occurred, a fixed percentage plus the Initial Underlying Allocation, multiplied by the performance of the Underlying Reference, together with an Invested Amount, the level of which will depend on the Transition Trigger Level at which the Transition Trigger Event last occurring on or prior to the SPS Redemption Valuation Date has triggered, multiplied by the performance of the Underlying Reference divided by the Investment Strike Level less a fixed percentage.*
- (m) If specified in the applicable Final Terms any Final Payout will be subject to a cap of the Maximum Final Payout and/or a floor of the Minimum Final Payout, in each case as specified in the applicable Final Terms.

## 2.3 Automatic Early Redemption Payouts, Call Payouts and Put Payouts

### (a) Automatic Early Redemption Payout

If Automatic Early Redemption is specified as applicable in the applicable Final Terms and an Automatic Early Redemption Event occurs:

- (i) if SPS Automatic Early Redemption Payout is specified in the applicable Final Terms, the Automatic Early Redemption Payout shall be:

$NA \times (\text{AER Redemption Percentage} + \text{AER Exit Rate});$

- (ii) if SPS Target Automatic Early Redemption Payout is specified in the applicable Final Terms, the Automatic Early Redemption Payout shall be:

$NA \times (\text{AER Redemption Percentage} + \text{AER CSN Rate});$  or

- (iii) if SPS Transition Automatic Early Redemption Payout is specified in the applicable Final Terms, the Automatic Early Redemption Payout shall be:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

$$\frac{NA \times ER \text{ Constant Percentage } 1 + AER \text{ Underlying Allocation} \times ER \text{ Value } 1 - ER \text{ Constant Percentage } 2 + y = 1}{y AER \text{ Invested Amount}_y \times ER \text{ Value } 2 AER \text{ Strike Level}_y - ER \text{ Constant Percentage } 3}$$

Provided That if specified in the applicable Final Terms the SPS Automatic Early Redemption Payout, SPS Target Automatic Early Redemption Payout or SPS Transition Automatic Early Redemption Payout, as applicable, will be subject to a cap of the Maximum SPS Automatic Early Redemption Payout, Maximum SPS Target Automatic Early Redemption Payout or Maximum SPS Transition Automatic Early Redemption Payout, as applicable, and/or a floor of the Minimum SPS Automatic Early Redemption Payout, Minimum SPS Target Automatic Early Redemption Payout or Minimum SPS Transition Automatic Early Redemption Payout, as applicable, in each case specified in the applicable Final Terms.

### (b) Definitions for SPS Automatic Early Redemption Payouts

"**AER Athena up Rate**" means:

- (i) if Cap is specified as applicable in the applicable Final Terms:

$$\text{Min}(\text{Max}(\text{ER Floor Percentage}_{(i)}, \text{ER Gearing}_{(i)} \times (\text{ER Value}_{(i)} - \text{ER Strike Percentage}_{(i)}) + \text{ER Spread}_{(i)}), \text{ER Cap Percentage}_{(i)}) + \text{ER Constant Percentage}_{(i)}$$

- (ii) if Cap is specified as not applicable in the applicable Final Terms:

$$\text{Max}(\text{ER Floor Percentage}_{(i)}, \text{ER Gearing}_{(i)} \times (\text{ER Value}_{(i)} - \text{ER Strike Percentage}_{(i)}) + \text{ER Spread}_{(i)}) + \text{ER Constant Percentage}_{(i)}$$

"**AER Calculation Period**" means:

- (i) the period from (and including) the Interest Payment Date or Premium Amount Payment Date, as applicable, immediately preceding the Automatic Early Redemption Date (or if none the Issue Date) to (but excluding) the Automatic Early Redemption Date; or
- (ii) if AER Calculation Strike Period is specified in the applicable Final Terms, the period from (but excluding) the Strike Date to (and including) the relevant Automatic Early Redemption Valuation Date;

"**AER CSN Rate**" means a percentage calculated as the product of the AER Rate and the applicable AER Day Count Fraction;

"**AER Day Count Fraction**" means the Day Count Fraction specified as such in the applicable Final Terms;

"**AER Exit Rate**" means, in respect of a SPS ER Valuation Date or SPS ER Valuation Period, any of AER Rate, AER Athena up Rate or AER CSN Rate as specified in the applicable Final Terms;

"**AER Invested Amount<sub>0</sub>**" means the percentage specified as a such in the applicable Final Terms;

"**AER Invested Amount<sub>y</sub>**" means, in respect of a SPS ER Valuation Date, a percentage equal to (i) the ER Multiplier in respect of such SPS ER Valuation Date, multiplied by (ii) the Base Invested Amount, provided that, if no AER Transition Event has occurred on or before such SPS ER Valuation Date, AER Invested Amount<sub>y</sub> shall be the AER Invested Amount<sub>0</sub>;

"**AER Rate**" is as defined in Security Condition 34.9;

"**AER Redemption Percentage**" means the percentage specified as such in the applicable Final Terms;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"AER Reference Rate"** means the floating rate specified as such in the applicable Final Terms;

**"AER Strike Levely"** means the percentage specified as such in the applicable Final Terms;

**"AER Transition Event"** means that, in respect of a SPS ER Transition Valuation Date or a SPS ER Transition Valuation Period, the AER Transition Value in respect of such SPS ER Transition Valuation Date or SPS ER Transition Valuation Period is (i) "greater than", (ii) "greater than or equal to", (iii) "less than" or (iv) "less than or equal to" any AER Transition Rate, as specified in the applicable Final Terms;

**"AER Transition Level"** means each percentage specified as such in the numbered table set out in the applicable Final Terms;

**"AER Transition Rate"** means (a) each AER Transition Level in the table set out in the applicable Final Terms that is (i) not an AER Transition Level that has been the subject of an AER Transition Event (a **"Triggered AER Transition Level"**) or (ii) (A) "greater than" or (B) "less than" a Triggered AER Transition Level, as specified in the applicable Final Terms, or (b) if "Single Trigger" is specified as applicable in the applicable Final Terms, the relevant Single AER Transition Level;

**"AER Transition Value"** means, in respect of a SPS ER Transition Valuation Date or a SPS ER Transition Valuation Period, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

**"AER Underlying Allocation"** means the percentage specified as such in the applicable Final Terms;

**"Base Invested Amount"** means the percentage specified as such in the applicable Final Terms;

**"ER Cap Percentage"** means, in respect of a SPS ER Valuation Date or SPS ER Valuation Period, the percentage specified as such in the applicable Final Terms;

**"ER Constant Percentage"** means, in respect of a SPS ER Valuation Date or SPS ER Valuation Period, the percentage specified as such in the applicable Final Terms;

**"ER Constant Percentage 1"** means the percentage specified as such in the applicable Final Terms;

**"ER Constant Percentage 2"** means the percentage specified as such in the applicable Final Terms;

**"ER Constant Percentage 3"** means the percentage specified as such in the applicable Final Terms;

**"ER Floor Percentage"** means, in respect of a SPS ER Valuation Date or SPS ER Valuation Period, the percentage specified as such in the applicable Final Terms;

**"ER Gearing"** means, in respect of a SPS ER Valuation Date or SPS ER Valuation Period, the percentage specified as such in the applicable Final Terms;

**"ER Multiplier"** or **"y"** means, in respect of a SPS ER Valuation Date, the number beside the relevant AER Transition Level that has been the subject of the AER Transition Event last occurring on or prior to such SPS ER Valuation Date;

**"ER Spread"** means, in respect of a SPS ER Valuation Date or SPS ER Valuation Period, the percentage specified as such in the applicable Final Terms;

**"ER Strike Percentage"** means, in respect of a SPS ER Valuation Date or SPS ER Valuation Period, the percentage specified as such in the applicable Final Terms;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"ER Value"** means, in respect of a SPS ER Valuation Date or SPS ER Valuation Period, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

**"ER Value 1"** means, in respect of a SPS ER Valuation Date, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

**"ER Value 2"** means, in respect of a SPS ER Valuation Date, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

**"Single AER Transition Level"** means, in respect of a SPS ER Transition Valuation Date or a SPS ER Transition Valuation Period, the first AER Transition Level in the table that has not been the subject of an AER Transition Event prior to such SPS ER Transition Valuation Date or SPS ER Transition Valuation Period, as the case may be;

**"SPS ER Transition Valuation Date"** means each Averaging Date, Valuation Date, Pricing Date, Underlying Interest Determination Date and/or Settlement Price Date specified as such in the applicable Final Terms;

**"SPS ER Transition Valuation Period"** means each period specified as such in the applicable Final Terms;

**"SPS ER Valuation Date"** means each Averaging Date, Valuation Date, Pricing Date, Underlying Interest Determination Date and/or Settlement Price Date specified as such in the applicable Final Terms; and

**"SPS ER Valuation Period"** means each period specified as such in the applicable Final Terms.

### (c) **Call Payouts**

If SPS Call Payout is specified in the applicable Final Terms, the Call Payout will be:

$NA \times (\text{Call Redemption Percentage} + \text{Call Exit Rate}),$

Provided That if specified in the applicable Final Terms the SPS Call Payout will be subject to a cap of the Maximum SPS Call Payout and/or a floor of the Minimum SPS Call Payout, in each case specified in the applicable Final Terms.

### (d) **Definitions for SPS Call Payouts**

**"Call Athena up Rate"** means:

(i) if Cap is specified as applicable in the applicable Final Terms:

$\text{Min} (\text{Max} (\text{Call Floor Percentage}, \text{Call Gearing} \times (\text{Call Value} - \text{Call Strike Percentage}) + \text{Call Spread Percentage}), \text{Call Cap Percentage}) + \text{Call Constant Percentage}$

(ii) if Cap is specified as not applicable in the applicable Final Terms:

$\text{Max} (\text{Call Floor Percentage}, \text{Call Gearing} \times (\text{Call Value} - \text{Call Strike Percentage}) + \text{Call Spread Percentage}) + \text{Call Constant Percentage}$

**"Call Calculation Period"** means the period from (and including) the Interest Payment Date or Premium Amount Payment Date, as applicable, immediately preceding the Optional Redemption Date (or if none the Issue Date) to (but excluding) the Optional Redemption Date;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"**Call CSN Rate**" means a percentage calculated as the product of the Call Rate and the applicable Day Count Fraction;

"**Call Cap Percentage**" means the percentage specified as such in the applicable Final Terms;

"**Call Constant Percentage**" means the percentage specified as such in the applicable Final Terms;

"**Call Exit Rate**" means any of Call Rate, Call Athena up Rate or Call CSN Rate as specified in the applicable Final Terms;

"**Call Floor Percentage**" means the percentage specified as such in the applicable Final Terms;

"**Call Gearing**" means the percentage specified as such in the applicable Final Terms;

"**Call Rate**" means the rate specified as such or determined in the manner set out in, the applicable Final Terms. If the applicable Final Terms specify that the Call Rate is to be determined by reference to a Screen Rate, the Call Rate shall be calculated pursuant to Security Condition 34.9(f) save that references therein to "AER" shall be deemed to be references to "Call";

"**Call Redemption Percentage**" means the percentage specified as such in the applicable Final Terms;

"**Call Reference Rate**" means the floating rate specified as such in the applicable Final Terms;

"**Call Spread Percentage**" means the percentage specified as such in the applicable Final Terms;

"**Call Strike Percentage**" means the percentage specified as such in the applicable Final Terms;

"**Call Value**" means, in respect of an SPS Call Valuation Date or SPS Call Valuation Period, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

"**SPS Call Valuation Date**" means each Averaging Date, Valuation Date, Underlying Interest Determination Date, Pricing Date and/or Settlement Price Date specified as such in the applicable Final Terms; and

"**SPS Call Valuation Period**" means each period specified as such in the applicable Final Terms.

### (e) **Put Payouts**

If SPS Put Payout is specified in the applicable Final Terms, the Put Payout will be:

$$NA \times (\text{Put Redemption Percentage} + \text{Put Exit Rate})$$

Provided That if specified in the applicable Final Terms the SPS Put Payout will be subject to a cap of the Maximum SPS Put Payout and/or a floor of the Minimum SPS Put Payout, in each case specified in the applicable Final Terms.

### (f) **Automatic Early Entitlement Amount**

If Automatic Early Redemption and SPS Accumulator AER Payout are specified as applicable in the applicable Final Terms and an Automatic Early Redemption Event occurs, the Automatic Early Entitlement Amount shall be:

$$\sum_{i=1}^{I_{AER}} [\text{Daily AER Share}_{(i)} + \text{Daily AER Additional Share}_{(i)}],$$

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

provided that, the Automatic Early Entitlement Amount will be rounded down to the nearest unit of each Relevant Asset capable of being delivered, plus an amount payable by the Issuer equal to:

$$NA - AER\ Number \times FX_{AER} \times Strike\ Percentage \times Underlying\ Reference\ Strike\ Price.$$

### (g) Definitions for SPS Accumulator AER Payout

"**AER Accumulator Condition**" means that, in respect of an AER Accumulator Valuation Date, the Underlying Reference Value in respect of such day is (i) "greater than", (ii) "less than", (iii) "equal to or greater than" or (iv) "less than or equal to", as specified in the applicable Final Terms, the AER Accumulator Level;

"**AER Accumulator Level**" means the percentage, amount or number specified as such in the applicable Final Terms;

"**AER Accumulator Period**" means the period from (but excluding) the Strike Date to (and including) the relevant Automatic Early Redemption Valuation Date;

"**AER Accumulator Valuation Date**" means each Scheduled Trading Day in the AER Accumulator Period;

"**AER Additional Share Value**" means the number specified as such in the applicable Final Terms;

"**AER Number**" is equal to the Automatic Early Entitlement Amount for the relevant Automatic Early Redemption Valuation Date;

"**Daily AER Additional Share<sub>(i)</sub>**" means, in respect of an AER Accumulator Valuation Date:

- (i) if the AER Accumulator Condition is satisfied in respect of such AER Accumulator Valuation Date, the AER Additional Share Value; or
- (ii) if the AER Accumulator Condition is not satisfied in respect such AER Accumulator Valuation Date, zero;

"**Daily AER Share<sub>(i)</sub>**" means the number specified as such in the applicable Final Terms;

"**FX<sub>AER</sub>**" means the Underlying Reference FX Level on the relevant Automatic Early Redemption Valuation Date (or if that is not a Business Day the immediately succeeding Business Day); and

"**I<sub>AER</sub>**" means the total number of in the AER Accumulator Period.

### (h) Definitions for SPS Put Payouts

"**Put Athena up Rate**" means:

- (i) if Cap is specified as applicable in the applicable Final Terms:

$$\text{Min}(\text{Max}(\text{Put Floor Percentage}, \text{Put Gearing} \times (\text{Put Value} - \text{Put Strike Percentage}) + \text{Put Spread Percentage}), \text{Put Cap Percentage}) + \text{Put Constant Percentage}$$

- (ii) if Cap is specified as not applicable in the applicable Final Terms:

$$\text{Max}(\text{Put Floor Percentage}, \text{Put Gearing} \times (\text{Put Value} - \text{Put Strike Percentage}) + \text{Put Spread Percentage}) + \text{Put Constant Percentage}$$

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Put Calculation Period"** means the period from (and including) the Interest Payment Date or Premium Amount Payment Date, as applicable, immediately preceding the relevant Optional Redemption Date (or if none the Issue Date) to (but excluding) the relevant Optional Redemption Date;

**"Put Cap Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Put Constant Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Put CSN Rate"** means a percentage calculated as the product of the Put Rate and the applicable Day Count Fraction;

**"Put Exit Rate"** means any of Put Rate, Put Athena up Rate or Put CSN Rate as specified in the applicable Final Terms;

**"Put Floor Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Put Gearing"** means the percentage specified as such in the applicable Final Terms;

**"Put Rate"** means the rate specified as such or determined in the manner set out in, the applicable Final Terms. If the applicable Final Terms specify that the Put Rate is to be determined by reference to a Screen Rate, the Put Rate shall be calculated pursuant to Security Condition 34.9(f) save that references therein to "AER" shall be deemed to be references to "Put";

**"Put Redemption Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Put Reference Rate"** means the floating rate specified as such in the applicable Final Terms;

**"Put Spread Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Put Strike Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Put Value"** means, in respect of an SPS Put Valuation Date or SPS Put Valuation Period, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

**"SPS Put Valuation Date"** means each Averaging Date, Valuation Date, Pricing Date, Underlying Interest Determination Date and/or Settlement Price Date specified as such in the applicable Final Terms; and

**"SPS Put Valuation Period"** means each period specified as such in the applicable Final Terms.

### 2.4 SPS Entitlement Amounts

The following Entitlement Amounts (each an **"Entitlement Amount"**) will apply to the Securities if specified in the applicable Final Terms, subject as provided in Payout Condition 2.4(f) below:

#### (a) Delivery of Worst-Performing Underlying

If Delivery of Worst-Performing Underlying is specified as applicable in the applicable Final Terms:

$$NA \times \text{Redemption Payout} / (\text{Worst Performing Underlying Reference Closing Price Value}_{(i)} \times \text{FX}_{(i)})$$

Where:



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Worst Performing Underlying Reference Closing Price Value<sub>(i)</sub>"** is the Underlying Reference Closing Price Value<sub>(i)</sub> on the relevant SPS Valuation Date in respect of the Underlying Reference with the Worst Value on such date; and

**"FX<sub>(i)</sub>"** is the relevant Underlying Reference FX Level<sub>(i)</sub> on the relevant SPS Valuation Date or if that is not a Business Day the immediately succeeding Business Day.

(b) **Delivery of Best-Performing Underlying**

If Delivery of Best-Performing Underlying is specified as applicable in the applicable Final Terms:

$NA \times \text{Redemption Payout} / (\text{Best Performing Underlying Reference Closing Price Value}_{(i)} \times \text{FX}_{(i)})$

Where:

**"Best-Performing Underlying Reference Closing Price Value<sub>(i)</sub>"** is the Underlying Reference Closing Price Value<sub>(i)</sub> on the relevant SPS Valuation Date in respect of the Underlying Reference with the Best Value on such date; and

**"FX<sub>(i)</sub>"** is the relevant Underlying Reference FX Level on the relevant SPS Valuation Date or if that is not a Business Day the immediately succeeding Business Day.

(c) **Delivery of the Underlying**

If Delivery of the Underlying is specified as applicable in the applicable Final Terms:

$NA \times \text{Redemption Payout} / (\text{Underlying Reference Closing Price Value} \times \text{FX}_{(i)})$

Where:

**"Underlying Reference Closing Price Value"** is the Underlying Reference Closing Price Value on the relevant SPS Valuation Date; and

**"FX<sub>(i)</sub>"** is the Underlying Reference FX Level on the relevant SPS Valuation Date or if that is not a Business Day the immediately succeeding Business Day.

(d) **Delivery of Basket Underlying**

If Delivery of Basket Underlying is specified as applicable in the applicable Final Terms, the sum of each Basket Entitlement Amount calculated in respect of each Underlying Reference<sub>(k)</sub> in the Basket.

Where:

**"Basket Entitlement Amount"** means an amount in respect of each Underlying Reference<sub>(k)</sub> calculated in accordance with the following formula:

$\text{Basket Entitlement Amount} = NA \times \text{Underlying Reference Weighting}_{(k)} / (\text{Underlying Reference Strike Price}_{(k)} \times \text{FX}_{(k,i)})$

**"FX<sub>(k,i)</sub>"** is the relevant Underlying Reference FX Level on the relevant SPS Valuation Date (or if that is not a Business Day the immediately succeeding Business Day) in respect of such Underlying Reference<sub>(k)</sub>;

**"Underlying Reference Strike Price<sub>(k)</sub>"** means the Underlying Reference Strike Price in respect of such Underlying Reference<sub>(k)</sub>; and

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"**Underlying Reference Weighting<sub>(k)</sub>**" means the Underlying Reference Weighting in respect of such Underlying Reference<sub>(k)</sub>.

### (e) **Delivery of Accumulator Underlying**

If Delivery of Accumulator Underlying is specified as applicable in the applicable Final Terms:

$$\sum_{i=1}^I [Daily Share_{(i)} + Daily Additional Share_{(i)}]$$

Where:

"**Accumulator Condition**" means that, in respect of an Accumulator Valuation Date, the Underlying Reference Value for such day is (i) "greater than", (ii) "less than", (iii) "equal to or greater than" or (iv) "less than or equal to", as specified in the applicable Final Terms, the Accumulator Level;

"**Accumulator Level**" means the percentage, amount or number specified as such in the applicable Final Terms;

"**Accumulator Period**" means the period from (but excluding) the Strike Date to (and including) the SPS Redemption Valuation Date;

"**Accumulator Valuation Date**" means each Scheduled Trading Day in the Accumulator Period;

"**Additional Share Value**" means the number specified as such in the applicable Final Terms;

"**Daily Additional Share<sub>(i)</sub>**" means, in respect of an Accumulator Valuation Date:

- (i) if the Accumulator Condition is satisfied in respect of such Accumulator Valuation Date, the Additional Share Value; or
- (ii) if the Accumulator Condition is not satisfied in respect of such Accumulator Valuation Date, zero;

"**Daily Share<sub>(i)</sub>**" means the number specified as such in the applicable Final Terms

"**I**" means the total number of Accumulator Valuation Dates in the Accumulator Period.

### (f) **Rounding and Residual Amount**

- (i) Unless Delivery of Basket Underlying or Delivery of Accumulator Underlying is specified as applicable in the applicable Final Terms, the Entitlement Amount will be rounded down to the nearest unit of each Relevant Asset capable of being delivered and in lieu thereof the Issuer will pay an amount equal to:

$$NA \times \text{Redemption Payout} - \sum_{k=1}^K \text{Number}_{(k,i)} \times FX_{(k,i)} \times \text{Underlying Reference Closing Price Value}_{(k,i)}$$

Where:

"**FX<sub>(k,i)</sub>**" is the relevant Underlying Reference FX Level on the relevant SPS Valuation Date (or if that is not a Business Day the immediately succeeding Business Day);

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"**Number<sub>(k,i)</sub>**" is equal to the Entitlement Amount for the relevant Underlying Reference<sub>(k)</sub> and SPS Valuation Date<sub>(i)</sub>; and

"**Underlying Reference Closing Price Value<sub>(k,i)</sub>**" is the Underlying Reference Closing Price Value<sub>(i)</sub> on the relevant SPS Valuation Date in respect of the relevant Underlying Reference<sub>(k)</sub>;

- (ii) If Delivery of Basket Underlying is specified as applicable in the applicable Final Terms, the Entitlement Amount will be rounded down on a per Underlying Reference basis with each Underlying Reference<sub>(k)</sub> being rounded down to the nearest unit of each Relevant Asset capable of being delivered and in lieu thereof the Issuer will pay an amount in respect of each Underlying Reference in the Basket equal to:

$$NA \times \text{Redemption Payout} - \sum_{k=1}^K [\text{Number}_{(k,i)} \times \text{FX}_{(k,i)} \times \text{Underlying Reference Closing Price Value}_{(k,i)}]$$

Where:

"**FX<sub>(k,i)</sub>**" is the relevant Underlying Reference FX Level on the relevant SPS Valuation Date (or if that is not a Business Day the immediately succeeding Business Day);

"**Number<sub>(k,i)</sub>**" is equal to the Basket Entitlement Amount for the relevant Underlying Reference<sub>(k)</sub> and SPS Valuation Date<sub>(i)</sub>; and

"**Underlying Reference Closing Price Value<sub>(k,i)</sub>**" is the Underlying Reference Closing Price Value<sub>(i)</sub> on the relevant SPS Valuation Date in respect of the relevant Underlying Reference<sub>(k)</sub>.

- (iii) If Delivery of Accumulator Underlying is specified as applicable in the applicable Final Terms, the Entitlement Amount will be rounded down to the nearest unit of each Relevant Asset capable of being delivered and the Issuer will also pay an amount equal to:

$$NA - \text{Number} \times \text{FX} \times \text{Strike Percentage} \times \text{Underlying Reference Strike Price}$$

Where:

"**FX**" means the Underlying Reference FX Level on the relevant SPS Valuation Date (or if that is not a Business Day the immediately succeeding Business Day); and

"**Number**" is equal to the Entitlement Amount for the relevant SPS Valuation Date.

### 2.5 Definitions for SPS Coupon/Premium Amount Rates and FR Exit Rate

#### (a) Definitions for SPS Coupon / Premium Amount Rates

"**AC Digital Coupon Barrier Level Down**" means the percentage, amount or number specified as such in the applicable Final Terms;

"**AC Digital Coupon Barrier Level Up**" means the percentage, amount or number specified as such in the applicable Final Terms;

"**AC Digital Coupon Condition**" means:

- (i) if Barrier Up is specified as applicable in the applicable Final Terms, that the DC Barrier Value for the relevant SPS Coupon Valuation Date is (i) equal to or greater than the relevant AC

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

Digital Coupon Barrier Level Down and (ii) less than or equal to the relevant AC Digital Coupon Barrier Level Up; or

- (ii) if Barrier Up is specified as not applicable in the applicable Final Terms, that the DC Barrier Value for the relevant SPS Coupon Valuation Date is equal to or greater than AC Digital Coupon Barrier Level Down;

**"AC Digital Day"** means a calendar day, Business Day, Exchange Business Day, Hybrid Business Day, Scheduled Trading Day, SPS Coupon Valuation Date or other day specified as such in the applicable Final Terms;

**"Additional Coupon"** means each Coupon Rate, Rate, Premium Amount Rate or Divider Additional Coupon specified as such in the applicable Final Terms;

**"Barrier Condition"** means that Coupon Value for the relevant Underlying Reference for the relevant SPS Valuation Date is (a) greater than, (b) less than, (c) equal to or greater than or (d) less than or equal to, as specified in the applicable Final Terms, the Barrier Level;

**"Barrier Level"** means the percentage, amount or number specified as such in the applicable Final Terms;

**"Constant Percentage"** means the percentage specified as such in the applicable Final Terms.

**"Coupon Value"** means, in respect of an SPS Coupon Valuation Date or SPS Coupon Valuation Period, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

**"Coupon Weighting"** means the number, amount or percentage specified as such in the applicable Final Terms;

**"DC Barrier Value"** means, in respect of a SPS Coupon Valuation Date or SPS Coupon Valuation Period, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

**"Digital Coupon Condition"** means that the DC Barrier Value for the relevant SPS Coupon Valuation Date or SPS Coupon Valuation Period is (a) greater than, (b) less than, (c) equal to or greater than or (d) less than or equal to, as specified in the applicable Final Terms, the Barrier Level;

**"Divider Additional Coupon"** means a value equal to 1 divided by the relevant Coupon Rate, Rate or Premium Amount Rate, as specified in the applicable Final Terms;

**"Driver Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Final Redemption Condition Level"** means the percentage, amount or number specified as such in the applicable Final Terms;

**"Final Redemption Condition Level 2"** means the percentage, amount or number specified as such in the applicable Final Terms;

**"nfixed"** means the number specified as such in the applicable Final Terms;

**"Rate"** means, in respect of a SPS Coupon Valuation Date or SPS Coupon Valuation Period:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (i) the fixed rate specified in or the floating rate calculated as provided in the applicable Final Terms; or
- (ii) the Vanilla Call Rate or Vanilla Call Spread Rate specified in the applicable Final Terms.

**"Snowball Barrier Value"** means, in respect of a SPS Coupon Valuation Date or SPS Coupon Valuation Period, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

**"Snowball Date"** means each date on which the relevant Snowball Digital Coupon Condition is satisfied or the last day of any SPS Coupon Valuation Period in which the Snowball Digital Coupon Condition is satisfied;

**"Snowball Digital Coupon Condition"** means that the Snowball Barrier Value for the relevant SPS Coupon Valuation Date or SPS Coupon Valuation Period is (a) greater than, (b) less than, (c) equal to or greater than or (d) less than or equal to, as specified in the applicable Final Terms, the Snowball Level;

**"Snowball Level"** means the number, amount or percentage specified as such in the applicable Final Terms;

**"Spread"** means the percentage specified as such in the applicable Final Terms;

**"SPS Coupon Valuation Date"** means each AC Digital Day, Averaging Date, Valuation Date, Pricing Date, Settlement Price Date and/or Underlying Interest Determination Date specified as such in the applicable Final Terms;

**"SPS Coupon Valuation Period"** means the period specified as such in the applicable Final Terms;

**"Vanilla Call Rate"** means:

$\text{Constant Percentage}_{(i)} + \text{Gearing}_{(i)} * \text{Max}(\text{Coupon Value}_{(i)} - \text{Strike Percentage}_{(i)} + \text{Spread}_{(i)}, \text{Floor Percentage}_{(i)});$  and

**"Vanilla Call Spread Rate"** means:

$\text{Constant Percentage}_{(i)} + \text{Gearing}_{(i)} * \text{Min}(\text{Max}(\text{Coupon Value}_{(i)} - \text{Strike Percentage}_{(i)} + \text{Spread}_{(i)}, \text{Floor Percentage}_{(i)}); \text{Cap Percentage}_{(i)}).$

### (b) Definitions for FR Exit Rate

**"FR Athena up Rate"** means:

- (i) if Cap is specified as applicable in the applicable Final Terms:

$\text{Min}(\text{Max}(\text{FR Floor Percentage}, \text{FR Gearing} \times (\text{FR Value} - \text{FR Strike Percentage}) + \text{FR Spread}), \text{FR Cap Percentage}) + \text{FR Constant Percentage}$

- (ii) if Cap is specified as not applicable in the applicable Final Terms:

$\text{Max}(\text{FR Floor Percentage}, \text{FR Gearing} \times (\text{FR Value} - \text{FR Strike Percentage}) + \text{FR Spread}) + \text{FR Constant Percentage}$

**"FR Calculation Period"** means the period from (and including) the Interest Payment Date or Premium Amount Payment Date, as applicable, immediately preceding the Final Valuation Date (or if none the Issue Date) to (but excluding) the Final Valuation Date;

**"FR Cap Percentage"** means the percentage specified as such in the applicable Final Terms;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"FR Constant Percentage"** means the percentage specified as such in the applicable Final Terms;

**"FR CSN Rate"** means a percentage calculated as the product of the FR Rate and the applicable FR Day Count Fraction;

**"FR Day Count Fraction"** means the Day Count Fraction specified as such in the applicable Final Terms;

**"FR Exit Rate"** means any of FR Rate, FR Athena up Rate or FR CSN Rate as specified in the applicable Final Terms;

**"FR Floor Percentage"** means the percentage specified as such in the applicable Final Terms;

**"FR Gearing"** means the percentage specified as such in the applicable Final Terms;

**"FR Rate"** means the rate specified as such or determined in the manner set out in, the applicable Final Terms. If the applicable Final Terms specify that the FR Rate is to be determined by reference to a Screen Rate, the FR Rate shall be calculated pursuant to Security Condition 34.9(f), as applicable, save that references therein to "AER" shall be deemed to be references to "FR";

**"FR Redemption Percentage"** means the percentage specified as such in the applicable Final Terms;

**"FR Reference Rate"** means the floating rate specified as such in the applicable Final Terms;

**"FR Spread"** means the percentage specified as such in the applicable Final Terms;

**"FR Strike Percentage"** means the percentage specified as such in the applicable Final Terms;

**"FR Value"** means, in respect of a SPS FR Valuation Date or SPS FR Valuation Period, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

**"SPS FR Barrier Valuation Date"** means each Averaging Date, Valuation Date, Pricing Date, Underlying Interest Determination Date and/or Settlement Price Date specified as such in the applicable Final Terms;

**"SPS FR Barrier Valuation Period"** means each period specified as such in the applicable Final Terms;

**"SPS FR Valuation Date"** means each Averaging Date, Valuation Date, Pricing Date, Underlying Interest Determination Date and/or Settlement Price Date specified as such in the applicable Final Terms; and

**"SPS FR Valuation Period"** means each period specified as such in the applicable Final Terms.

### 2.6 Simple Value and Performance Definitions for SPS Coupon/Premium Amount Rates, Payouts and Entitlement Amounts

#### (a) Basic Value Definitions

**"Count Observation Value"** means, in respect of a SPS Valuation Date, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

**"Count Value"** means, in respect of a SPS Valuation Period, the number of SPS Valuation Dates during such SPS Valuation Period in respect of which the Count Observation Value is (i) "greater than", (ii) "greater than or equal to", (iii) "less than" or (iv) "less than or equal to", as specified in the applicable Final Terms, the Count Barrier;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"FX Value"** means, in respect of an Underlying Reference and a day, a value equal to:

- (i) the Underlying Reference FX Level for such day divided by the Underlying Reference FX Strike Level;
- (ii) if Inverse FX Value is specified in the applicable Final Terms, the Underlying Reference FX Strike Level divided by the Underlying Reference FX Level for such day; or
- (iii) if Underlying Reference FX Hedged Value is specified in the applicable Final Terms, the Underlying Reference FX Hedged Value for such day divided by the Underlying Reference FX Strike Level;
- (iv) if Underlying Reference FX (TWAP) Level is specified in the applicable Final Terms, the Underlying Reference FX (TWAP) Level for such day divided by the Underlying Reference FX Strike Level

**"Underlying Reference Closing Price Value"** means, in respect of a SPS Valuation Date:

- (i) if the relevant Underlying Reference is an Index or Custom Index, the Closing Level;
- (ii) if the relevant Underlying Reference is a Share, the Closing Price or the Italian Securities Reference Price, as specified in the applicable Final Terms;
- (iii) if the relevant Underlying Reference is an ETI, the Closing Price;
- (iv) if the relevant Underlying Reference is a Commodity or a Commodity Index, the Relevant Price;
- (v) if the relevant Underlying Reference is a Fund (other than a Euro Fund), the NAV per Fund Share;
- (vi) if the relevant Underlying Reference is a Fund Index, the Settlement Price;
- (vii) if the relevant Underlying Reference is a Euro Fund, the Gross Rate of Return or the Provisional Minimum Rate, as specified in the applicable Final Terms, as of the most recent Euro Fund Valuation Date;
- (viii) if the relevant Underlying Reference is a Currency or Future, the Settlement Price;
- (ix) if the relevant Underlying Reference is an Underlying Interest Rate, the Underlying Reference Rate;
- (x) if the relevant Underlying Reference is an Inflation Index, the Relevant Level; or
- (xi) if the relevant Underlying Reference is a Debt Instrument, the Settlement Price,

in each case in respect of such day, provided that, if (i) VWAP Underlying Reference Value is specified as applicable in the applicable Final Terms, the Underlying Reference Closing Price Value will be the VWAP Value in respect of the Underlying Reference in respect of such day or (ii) TWAP Underlying Reference Value is specified as applicable in the applicable Final Terms, the Underlying Reference Closing Price Value will be the TWAP Value in respect of the Underlying Reference in respect of such day;

**"Underlying Reference FX Hedged Value"** means, in respect of an Underlying Reference and a day, the rate determined by the Calculation Agent in accordance with the following formula:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

$$\text{Underlying Reference FX Hedged Value}_t = \text{Underlying Reference FX Hedged Value}_{t-1} \times \left[ \left( 1 + \frac{\text{Index}_t \times \text{FX}_t}{\text{Index}_{t-1} \times \text{FX}_{t-1}} - \frac{\text{FX}_t}{\text{FX}_{t-1}} \right) \right]$$

Provided That the Underlying Reference FX Hedged Value on the Strike Date is the rate specified in the applicable Final Terms as the Initial Underlying Reference FX Hedged Value.

Where:

"**FX<sub>t</sub>**" means, in respect of a day, the rate of exchange between the currencies (including any rates of exchange pursuant to which the relevant rate of exchange is derived) and determined from the source(s) and at the time, in each case specified in the applicable Final Terms on such day or if such day is not a Scheduled Custom Index Business Day, the immediately succeeding Scheduled Custom Index Business Day or, if such rate of exchange is not available from such sources at such time, the rate of exchange determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, provided that **FX<sub>t</sub>** on the Strike Date is the rate specified in the applicable Final Terms as **FX Initial**.

"**FX<sub>t-1</sub>**" means, in respect of a day, **FX<sub>t</sub>** on the Scheduled Custom Index Business Day immediately preceding such day.

"**Index<sub>t</sub>**" means, in respect of a day, the level of the relevant Custom Index published by the Index Sponsor in respect of such day or if such day is not a Scheduled Custom Index Business Day, the immediately succeeding Scheduled Custom Index Business Day as determined by the Calculation Agent, provided that if the level of the Custom Index is not calculated and announced by the Index Sponsor on such day, the Calculation Agent shall determine the level of such Custom Index, acting in good faith and in a commercially reasonable manner, provided that **Index<sub>t</sub>** on the Strike Date is the level specified in the applicable Final Terms as **Index Initial Value**.

"**Index<sub>t-1</sub>**" means, in respect of a day, **Index<sub>t</sub>** on the Scheduled Custom Index Business Day immediately preceding such day.

"**TWAP End Time**" means the time specified as such in the applicable Final Terms or, if not so specified, 11:59:59 p.m. (CET);

"**TWAP Interval**" means every minute, every 5 minutes, every 10 minutes or such other interval of time, as specified in the applicable Final Terms;

"**TWAP Period**" means the period from (and including) the TWAP Start Time to (but excluding) the TWAP End Time on a SPS Valuation Date, provided that, if that the Issuer and/or any of its Affiliates acting in good faith and in a commercially reasonable manner is unable to acquire, establish, re-establish, substitute, maintain, unwind or dispose of any relevant hedging arrangements required to calculate any Intraday Price or Intraday Level, as applicable, in respect of the relevant period, then the period for determining the TWAP Value shall be extended to the earlier of (i) such time at which the Issuer and/or any of its Affiliates is able to acquire, establish, re-establish, substitute, maintain, unwind or dispose of such hedging arrangements and (ii) the TWAP End Time on the following Scheduled Trading Day, provided further that, if the Issuer and/or any of its Affiliates acting in good faith and in a commercially reasonable manner is unable to acquire, establish, re-establish, substitute, maintain, unwind or dispose of such hedging arrangements as aforesaid, subject as provided in Condition 15, the TWAP Value for such TWAP Period shall be a value calculated by the Calculation Agent acting in good faith and in a commercially reasonable manner as the time weighted average price of the relevant Underlying



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

Reference for such period having regard to the then prevailing market conditions, the last calculated time weighted average price and such other factors as the Calculation Agent determines relevant;

**"TWAP Start Time"** means the time specified as such in the applicable Final Terms or, if not so specified, 00:00:01 a.m. (CET);

**"TWAP Value"** means, in respect of an Underlying Reference, the arithmetic average of (i) in the case of Share Securities, the Intraday Prices or (ii) in the case of Index Securities, the Intraday Levels observed at each TWAP Interval during the TWAP Period, as determined by the Calculation Agent, subject as provided in the definition of "TWAP Period";

**"Underlying Reference FX Level"** means, in respect of an Underlying Reference and a day, the rate of exchange between the currencies (including any rates of exchange pursuant to which the relevant rate of exchange is derived) and determined from the source(s) and at the time, in each case specified in the applicable Final Terms for such Underlying Reference on such day;

**"Underlying Reference FX Strike Level"** means in respect of an Underlying Reference:

- (i) the rate specified as such in the applicable Final Terms; or
- (ii) if FX Closing Level is specified as applicable in the applicable Final Terms, the Underlying Reference FX Level for such Underlying Reference on the Strike Date; or
- (iii) if FX Maximum Level is specified as applicable in the applicable Final Terms, the greatest Underlying Reference FX Level for such Underlying Reference for all the Strike Days in the Strike Period; or
- (iv) if FX Minimum Level is specified as applicable in the applicable Final Terms, the lowest Underlying Reference FX Level for such Underlying Reference for all the Strike Days in the Strike Period; or
- (v) if FX Average Level is specified as applicable in the applicable Final Terms, the arithmetic average of the Underlying Reference FX Levels for such Underlying Reference for all the Strike Days in the Strike Period;

**"Underlying Reference FX (TWAP) Level"** means, in respect of an Underlying Reference and a day, the rate of exchange between the currencies (including any rates of exchange pursuant to which the relevant rate of exchange is derived) and determined from the source(s) and at the time, in each case specified in the applicable Final Terms for such Underlying Reference on such day, provided that, if the TWAP Period in respect of such day is postponed in accordance with the proviso to the definition of "TWAP Period", the Underlying Reference FX (TWAP) Level in respect of such Underlying Reference shall be the rate of exchange between the currencies (including any rates of exchange pursuant to which the relevant rate of exchange is derived) and determined from the source(s) as aforesaid, determined at the time selected by the Calculation Agent on the date on which the TWAP Value in respect of such day is calculated;

**"Underlying Reference Strike Price"** means, in respect of an Underlying Reference:

- (i) the amount specified as such in the applicable Final Terms; or
- (ii) if Strike Price Closing Value is specified as applicable in the applicable Final Terms, the Underlying Reference Closing Price Value for such Underlying Reference on the Strike Date; or

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (iii) if Strike Price Maximum Value is specified as applicable in the applicable Final Terms, the greatest Underlying Reference Closing Price Value for such Underlying Reference for all the Strike Days in the Strike Period; or
- (iv) if Strike Price Minimum Value is specified as applicable in the applicable Final Terms, the lowest Underlying Reference Closing Price Value for such Underlying Reference for all the Strike Days in the Strike Period; or
- (v) if Strike Price Average Value is specified as applicable in the applicable Final Terms, the arithmetic average of the Underlying Reference Closing Price Values for such Underlying Reference for all the Strike Days in the Strike Period; or
- (vi) if Barrier Strike Price Closing Value is specified as applicable in the applicable Final Terms, an amount equal to the product of (x) the Underlying Reference Closing Price Value for such Underlying Reference on the Strike Date and (y) the Barrier Percentage Strike Price; or
- (vii) if Barrier Strike Price Maximum Value is specified as applicable in the applicable Final Terms, an amount equal to the product of (x) the greatest Underlying Reference Closing Price Value for such Underlying Reference for all the Strike Days in the Strike Period and (y) the Barrier Percentage Strike Price; or
- (viii) if Barrier Strike Price Minimum Value is specified as applicable in the applicable Final Terms, an amount equal to the product of (x) the lowest Underlying Reference Closing Price Value for such Underlying Reference for all the Strike Days in the Strike Period and (y) the Barrier Percentage Strike Price; or
- (ix) if Barrier Strike Price Average Value is specified as applicable in the applicable Final Terms, an amount equal to the product of (x) the arithmetic average of the Underlying Reference Closing Price Values for such Underlying Reference for all the Strike Days in the Strike Period and (y) the Barrier Percentage Strike Price; and

**"VWAP Value"** means, in respect of an Underlying Reference and a day, the volume weighted average price of such Underlying Reference on such day published by the VWAP Source at the VWAP Specified Time, as determined by the Calculation Agent, acting in good faith and in a commercially reasonable manner, provided that, if, in the determination of the Calculation Agent, no such volume weighted average price can be determined in respect of such day, the VWAP Value for such day shall be a value determined by the Calculation Agent acting in good faith and in a commercially reasonable manner as the volume weighted average price of such Underlying Reference for such day having regard to the then prevailing market conditions, the last published volume weighted average price and such other factors as the Calculation Agent determines relevant.

Where:

**"VWAP Specified Time"** means the time specified in the applicable Final Terms; and

**"VWAP Source"** means the source specified as such in the applicable Final Terms.

### (b) **Mono Underlying Reference Value Definitions**

**"Conditional Value"** means:

- (i) if the Conditional Value Condition is satisfied in respect of an Underlying Reference and a SPS Valuation Date:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

Upper Conditional Value; or

- (ii) if the Conditional Value Condition is not satisfied in respect of an Underlying Reference and a SPS Valuation Date:

Lower Conditional Value;

**"Performance"** means, in respect of an Underlying Reference and a SPS Valuation Date, (a) the Underlying Reference Value for such Underlying Reference in respect of such day minus (b) 100 per cent.;

**"Restrike Performance"** means, in respect of an Underlying Reference and a SPS Valuation Date (a) (i) the Underlying Reference Closing Price Value for such Underlying Reference in respect of such day (ii) divided by the Underlying Reference Closing Price Value for such Underlying Reference in respect of the immediately preceding SPS Valuation Date (b) less 100 per cent.;

**"Underlying Reference EndDay Closing Price Value"** means, in respect of an Underlying Reference and a SPS Valuation Date, the Underlying Reference Closing Price Value for such Underlying Reference on the date (the **"SPS EndDay Valuation Date"**) falling nEnd days after such SPS Valuation Date;

**"Underlying Reference Intraday Price Value"** means:

- (i) if the relevant Underlying Reference is an Index, the Intraday Level; or
- (ii) if the relevant Underlying Reference is a Share, an ETI, a Commodity or a Commodity Index, the Intraday Price;

**"Underlying Reference Intraday Value"** means, in respect of an Underlying Reference and a SPS Valuation Date, (a) (i) the Underlying Reference Intraday Price Value for such Underlying Reference in respect of such SPS Valuation Date (ii) divided by the relevant Underlying Reference Strike Price, and (b) if FX Conversion is specified as applicable in the applicable Final Terms, multiplied by FX Value;

**"Underlying Reference Restrike Value"** means, in respect of an Underlying Reference and a SPS Valuation Date (a) the Underlying Reference Closing Price Value for such Underlying Reference in respect of such day divided by (b) the Underlying Reference Closing Price Value for such Underlying Reference in respect of the immediately preceding SPS Valuation Date;

**"Underlying Reference StartDay Closing Price Value"** means, in respect of an Underlying Reference and a SPS Valuation Date, the Underlying Reference Closing Price Value for such Underlying Reference on the date (the **"SPS StartDay Valuation Date"**) falling nStart days prior to such SPS Valuation Date;

**"Underlying Reference TOM Restrike Value"** means, in respect of an Underlying Reference and a SPS Valuation Date (a) the Underlying Reference EndDay Closing Price Value for such Underlying Reference in respect of such day divided by (b) Underlying Reference StartDay Closing Price Value for such Underlying Reference in respect of such day;

**"Underlying Reference TOM Value"** means, in respect of an Underlying Reference and a SPS Valuation Date, the product of all Underlying Reference TOM Restrike Values for all SPS Valuation Dates prior to and including such SPS Valuation Date in respect of an Underlying Reference; and

**"Underlying Reference Value"** means, in respect of an Underlying Reference and a SPS Valuation Date, (a) (i) the Underlying Reference Closing Price Value for such Underlying Reference in respect of such SPS Valuation Date (ii) divided by the relevant Underlying Reference Strike Price and (b) if FX

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

Conversion is specified as applicable in the applicable Final Terms, multiplied by FX Value, or, if Underlying Reference Inverse Value is specified as applicable in the applicable Final Terms, Underlying Reference Value shall mean, in respect of an Underlying Reference and a SPS Valuation Date, (a) (i) the relevant Underlying Reference Strike Price (ii) divided by the Underlying Reference Closing Price Value for such Underlying Reference in respect of such SPS Valuation Date and (b) if FX Conversion is specified as applicable in the applicable Final Terms, multiplied by FX Value.

### (c) **Multi Underlying Reference Value Definitions**

**"Basket Value"** means, in respect of a SPS Valuation Date, the sum of the values calculated for each Underlying Reference in the Basket as (a) the Underlying Reference Value for such Underlying Reference in respect of such SPS Valuation Date multiplied by (b) the relevant Underlying Reference Weighting;

**"Best Conditional Value"** means, in respect of a SPS Valuation Date, the highest Conditional Value for any Underlying Reference in the Basket in respect of such SPS Valuation Date;

**"Best Delta One Div Mono Value"** means, in respect of an ACT Day, the highest Delta One Div Mono Value for any Underlying Reference in the Basket in respect of such ACT Day;

**"Best Intraday Value"** means, in respect of a SPS Valuation Date, the highest Underlying Reference Intraday Value for any Underlying Reference in the Basket in respect of such SPS Valuation Date;

**"Best Value"** means, in respect of a SPS Valuation Date, the highest Underlying Reference Value for any Underlying Reference in the Basket in respect of such SPS Valuation Date;

**"Combination Value"** means, in respect of a SPS Valuation Date:

$$\text{Constant Percentage } 1 + \sum_{a=1}^A \text{Value Weighting}_a \prod_{b=1}^B ([\text{Final Redemption Value}]_{a,b}),$$

provided that, if "Absolute Value" is specified as applicable in the applicable Final Terms, the Combination Value will be the absolute value of the value calculated in accordance with the formula above.

Where:

**"A"** means the number specified as such in the applicable Final Terms;

**"a"** means the number specified as such in the applicable Final Terms;

**"B"** means the number specified as such in the applicable Final Terms;

**"b"** means the number specified as such in the applicable Final Terms; and

**"Value Weighting"** means the number, amount or percentage specified as such in the applicable Final Terms;

**"Option Max Value"** means, in respect of a SPS Valuation Date:

$$\text{Constant Percentage } 1 + \max_{a=1 \text{ to } A} [\text{Final Redemption Value}]_a$$

Where:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"A" is the number specified as such in the applicable Final Terms; and

"a" is the number specified as such in the applicable Final Terms;

"Option Min Value" means, in respect of a SPS Valuation Date:

$$\text{Constant Percentage } 1 + \min_{a=1 \text{ to } A} [\text{Final Redemption Value}]_a$$

Where:

"A" is the number specified as such in the applicable Final Terms; and

"a" is the number specified as such in the applicable Final Terms;

"Rainbow Value" means, in respect of a SPS Valuation Date, the sum of the values calculated for each Underlying Reference in the Basket as (a) the Ranked Value for such Underlying Reference in respect of such SPS Valuation Date multiplied by (b) the relevant Underlying Reference Weighting;

"Ranked Value" means, in respect of a SPS Valuation Date, the Underlying Reference Value in respect of the Underlying Reference with the Ranking in respect of such SPS Valuation Date set out in the applicable Final Terms;

"Ranking" means, in respect of an SPS Valuation Date, the ordinal positioning of each Underlying Reference by Underlying Reference Value from lowest Underlying Reference Value to greatest Underlying Reference Value in respect of such SPS Valuation Date;

"Worst Conditional Value" means, in respect of a SPS Valuation Date, the lowest Conditional Value for any Underlying Reference in the Basket in respect of such SPS Valuation Date;

"Worst Delta One Div Mono Value" means, in respect of an ACT Day, the lowest Delta One Div Mono Value for any Underlying Reference in the Basket in respect of each ACT Day;

"Worst Intraday Value" means, in respect of a SPS Valuation Date, the lowest Underlying Reference Intraday Value for any Underlying Reference in respect of such SPS Valuation Date; and

"Worst Value" means, in respect of a SPS Valuation Date, the lowest Underlying Reference Value for any Underlying Reference in the Basket in respect of such SPS Valuation Date.

### (d) Underlying Reference Volatility Hedged Value

"Underlying Reference Volatility Hedged Value" means, in respect of an ACT Day, the rate determined by the Calculation Agent:

- (i) if Excess Return is specified as applicable in the applicable Final Terms, in accordance with the following formula:

$$\begin{aligned} \text{Underlying Reference Volatility Hedged Value}_t = & \text{Underlying Reference Volatility Hedged Value}_{t-1} \times \left[ \text{Constant Percentage } 1 + \right. \\ & W_{t-1} \left( \frac{\text{BasketER}_t}{\text{BasketER}_{t-1}} - \text{Constant Percentage } 2 \right) + (1 - W_{t-1}) \times \left( \text{Constant Percentage } 3 + \right. \\ & \left. \left. \text{Leverage Rate}_{t-1} \times \frac{\text{Act}(t-1,t)}{360} \right) \right] \times \left[ 1 - \text{AF} \times \frac{\text{Act}(t-1,t)}{360} \right]; \text{ or} \end{aligned}$$

- (ii) if Total Return is specified as applicable in the applicable Final Terms, in accordance with the following formula:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

Underlying Reference Volatility Hedged Value<sub>t</sub> =

$$\text{Underlying Reference Volatility Hedged Value}_{t-1} \times \left[ \text{Constant Percentage 1} + W_{t-1} \left( \frac{\text{Basket}_t}{\text{Basket}_{t-1}} - \text{Constant Percentage 2} \right) + (1 - W_{t-1}) \times \left( \text{Constant Percentage 3} + (\text{Reference Rate}_{t-1} + \text{Leverage Rate}_{t-1}) \times \frac{\text{Act}(t-1,t)}{360} \right) \right] \times \left[ 1 - \text{AF} \times \frac{\text{Act}(t-1,t)}{360} \right],$$

provided that the Underlying Reference Volatility Hedged Value on the Strike Date is Underlying Reference Volatility Hedged Value<sub>0</sub>.

### (e) Underlying Reference Volatility Hedged Value Definitions

"**ACT Day**" or "**t**" means each day that is an Underlying Reference Valuation Date and a Strategy Business Day.

"**Act<sub>(t-1,t)</sub>**" means, in respect of an ACT Day, the number of calendar days from (but excluding) the ACT Day immediately preceding such ACT Day to (and including) such ACT Day.

"**AF**" means the percentage specified as such in the applicable Final Terms.

"**Basket<sub>t-s</sub><sup>t\*</sup>**" means a hypothetical basket of Underlying References, which the Calculation Agent will use to determine the volatility of the Basket over the preceding x ACT Days where Vol x<sub>t</sub> applies or the preceding y ACT Days where Vol y<sub>t</sub> applies and is calculated in accordance with the following formula:

$$\text{Basket}_{t-s}^{t*} = \sum_{k=1}^n NS_k^t \times \text{Level}_{k,t-s}$$

"**BasketER<sub>0</sub>**" means 1.

"**BasketER<sub>t</sub>**" means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$\text{BasketER}_t = \text{BasketER}_{t-1} \times \left[ \frac{\text{Basket}_t}{\text{Basket}_{t-1}} - \text{Reference Rate}_{t-1} \times \frac{\text{Act}(t-1,t)}{360} \right]$$

provided that BasketER<sub>t</sub> for the Initial ACT Day will be BasketER<sub>0</sub>.

"**BasketER<sub>t-1</sub>**" means, in respect of an ACT Day, the BasketER<sub>t</sub> for the ACT Day immediately preceding such day.

"**Basket<sub>t</sub>**" means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$\text{Basket}_t = \text{Basket}_{t-1} \times \left[ 1 + \sum_{k=1}^n P_k \left( \frac{\text{Level}_{k,t}}{\text{Level}_{k,t-1}} - 1 \right) \right]$$

provided that Basket<sub>t</sub> for the Initial ACT Day will be Basket Level<sub>0</sub>.

"**Basket<sub>t-1</sub>**" means, in respect of an ACT Day, Basket<sub>t</sub> for the ACT Day immediately preceding such day.

"**Basket Level<sub>0</sub>**" means 1.

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"**FX Level<sub>k,t</sub>**" means, in respect of an Underlying Reference and an ACT Day, the rate of exchange between the currencies (including any rates of exchange pursuant to which the relevant rate of exchange is derived) and determined from the source(s) and at the time, in each case specified in the applicable Final Terms in respect of such Underlying Reference on such ACT Day, provided that if such rate of exchange is not available from such sources at such time, the rate of exchange determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, provided that FX Level<sub>k,t</sub> on the Strike Date is the rate specified in the applicable Final Terms as FX Initial.

"**Initial ACT Day**" means the day falling y ACT Days immediately preceding the Strike Date or if that is not an ACT Day and (i) if Preceding ACT Day is specified in the applicable Final Terms, the immediately preceding ACT Day or (ii) if Succeeding ACT Day is specified in the applicable Final Terms, the immediately succeeding ACT Day.

"**Level<sub>k,t</sub>**" means, in respect of an Underlying Reference and an ACT Day, (a) the Underlying Reference Closing Price Value in respect of such day, provided that, if there is no Underlying Reference Closing Price Value in respect of such day or such day is a Disrupted Day (in the case of Index Securities, Custom Index Securities, Share Securities, ETI Securities, Debt Securities, Currency Securities or Futures Securities) or a Commodity Disrupted Day (in the case of Commodity Securities) (such day a "**Disrupted Level Day**"); and:

- (i) if "Following ACT Day" is specified in the applicable Final Terms, Level<sub>k,t</sub> will be the Underlying Reference Closing Price Value for the next succeeding ACT Day which is not a Disrupted Level Day; or
- (ii) if "Preceding ACT Day" is specified in the applicable Final Terms, Level<sub>k,t</sub> will be the Underlying Reference Closing Price Value for the immediately preceding ACT Day which is not a Disrupted Level Day,

and (b) if FX Conversion is specified as applicable in the applicable Final Terms for Underlying Reference k, multiplied by FX Level<sub>k,t</sub>.

"**Level<sub>k,t-1</sub>**" means, in respect of an Underlying Reference and an ACT Day, the Underlying Reference Closing Price Value on the immediately preceding ACT Day.

"**Leverage Floating Rate**" means, in respect of an ACT Day, the Leverage Floating Rate Option in respect of the Rate Calculation Date for such day appearing on the Leverage Floating Rate Option Page at the Leverage Floating Rate Option Time (the "**Original Leverage Floating Rate**"), provided that if (i) the relevant rate does not appear on such page at such time, (ii) there has been a permanent or indefinite cancellation of the relevant rate, (iii) the relevant rate ceases to exist or ceases to be published permanently or indefinitely or (iv) it is unlawful or impracticable for the Calculation Agent to make any calculations or determinations using the relevant rate, the Calculation Agent may determine the relevant rate for such ACT Day acting in good faith and in a commercially reasonable manner at such time as it may select. In determining the relevant rate, the Calculation Agent may have regard to any sources(s) it considers appropriate, including, but not limited to:

- (a) any alternative rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the currency in which the relevant rate is denominated (each a "**Relevant Nominating Body**"), that is consistent with industry accepted standards, provided that, if two or more alternative rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those rates is most appropriate to preserve the economic features of the relevant Securities;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (b) any alternative rate that has replaced the Original Leverage Floating Rate in customary market usage in the international debt capital markets for the purposes of determining floating rates of interest on the same basis as the Original Leverage Floating Rate; or
- (c) such other rate as the Calculation Agent determines is most comparable to the Original Leverage Floating Rate.

The Calculation Agent will apply such adjustments that are formally recommended by any Relevant Nominating Body or, if none, may determine any adjustments that are in customary market usage in the international debt capital markets needed to make the replacement rate comparable to the Original Leverage Floating Rate, acting in good faith and in a commercially reasonable manner.

The determination of a replacement rate and any applicable adjustments will (in the absence of manifest error) be final and binding, unless the Calculation Agent subsequently determines in respect of an ACT Day that such rate is no longer comparable to the Original Leverage Floating Rate or no longer constitutes an industry accepted successor rate, in which case, a new replacement rate shall be determined in accordance with paragraph (a), (b) or (c) above for each subsequent ACT Day. If the Calculation Agent is unable to or otherwise does not determine a further replacement rate, then the rate will remain unchanged.

**"Leverage Floating Rate Option"** means the relevant rate and designated maturity specified as such in the applicable Final Terms.

**"Leverage Floating Rate Option Page"** means the page or price source specified as such in the applicable Final Terms or such successor page or source as determined by the Calculation Agent.

**"Leverage Floating Rate Option Time"** means the time specified as such in the applicable Final Terms.

**"Leverage Rate<sub>t-1</sub>"** means, in respect of an ACT Day:

- (i) the fixed rate specified in the applicable Final Terms;
- (ii) the Leverage Floating Rate for such day as specified in the applicable Final Terms; or
- (iii) if W Leverage Rate is specified as applicable in the applicable Final Terms and (x) W<sub>t-1</sub> is greater than 100 per cent., the fixed rate specified in the applicable Final Terms, or (y) W<sub>t-1</sub> is equal to or less than 100 per cent, 0 per cent.

**"ln"** means natural logarithm.

**"Max Exposure"** means the percentage specified as such in the applicable Final Terms.

**"Min Exposure"** means the percentage specified as such in the applicable Final Terms.

**"n"** means the number of Underlying References in the Basket.

**"NSk<sub>t</sub>"** means, in respect of an Underlying Reference and an ACT Day, the amount determined by the Calculation Agent in accordance with the following formula:

$$NS_k^t = P_k \times \frac{Basket_t}{Level_{k,t}}$$

**"P<sub>k</sub>"** means the relevant Underlying Reference Weighting.



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Rate Calculation Date"** means, in respect of an ACT Day, the first, second or third ACT Day preceding such day, as specified in the applicable Final Terms.

**"Reference Floating Rate"** means, in respect of an ACT Day, the Reference Floating Rate Option in respect of the Rate Calculation Date for such day appearing on the Reference Floating Rate Option Page at the Reference Floating Rate Option Time (the **"Original Reference Floating Rate"**), provided that if (i) the relevant rate does not appear on such page at such time, (ii) there has been a permanent or indefinite cancellation of the relevant rate, (iii) the relevant rate ceases to exist or ceases to be published permanently or indefinitely or (iv) it is unlawful or impracticable for the Calculation Agent to make any calculations or determinations using the relevant rate, the Calculation Agent may determine the relevant rate for such ACT Day acting in good faith and in a commercially reasonable manner at such time as it may select. In determining the relevant rate, the Calculation Agent may have regard to any sources(s) it considers appropriate, including, but not limited to:

- (a) any alternative rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the currency in which the relevant rate is denominated (each a **"Relevant Nominating Body"**), that is consistent with industry accepted standards, provided that, if two or more alternative rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those rates is most appropriate to preserve the economic features of the relevant Securities;
- (b) any alternative rate that has replaced the Original Reference Floating Rate in customary market usage in the international debt capital markets for the purposes of determining floating rates of interest on the same basis as the Original Reference Floating Rate; or
- (c) such other rate as the Calculation Agent determines is most comparable to the Original Reference Floating Rate.

The Calculation Agent will apply such adjustments that are formally recommended by any Relevant Nominating Body or, if none, may determine any adjustments that are in customary market usage in the international debt capital markets needed to make the replacement rate comparable to the Original Reference Floating Rate, acting in good faith and in a commercially reasonable manner.

The determination of a replacement rate and any applicable adjustments will (in the absence of manifest error) be final and binding, unless the Calculation Agent subsequently determines in respect of an ACT Day that such rate is no longer comparable to the Original Reference Floating Rate or no longer constitutes an industry accepted successor rate, in which case, a new replacement rate shall be determined in accordance with paragraph (a), (b) or (c) above for each subsequent ACT Day. If the Calculation Agent is unable to or otherwise does not determine a further replacement rate, then the rate will remain unchanged.

**"Reference Floating Rate Option"** means the relevant rate and designated maturity specified as such in the applicable Final Terms.

**"Reference Floating Rate Option Page"** means the page or price source specified as such in the applicable Final Terms or such successor page or source as determined by the Calculation Agent.

**"Reference Floating Rate Option Time"** means the time specified as such in the applicable Final Terms.

**"Reference Rate<sub>t-1</sub>"** means, in respect of an ACT Day, the fixed rate specified in the applicable Final Terms or the Reference Floating Rate for such day as specified in the applicable Final Terms.

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"**Strategy Business Day**" means a day on which commercial banks and foreign exchange markets settle payments and are open for general business (including dealings in foreign exchange and foreign currency deposits) in the Strategy Business Day Centre(s).

"**Strategy Business Day Centre(s)**" means the place(s) specified as such in the applicable Final Terms.

"**Target Volatility**" means the percentage specified as such in the applicable Final Terms.

"**Tolerance**" means the percentage specified as such in the applicable Final Terms.

"**Underlying Reference Valuation Date**" means a calendar day, Business Day, Exchange Business Day, Hybrid Business Day, Scheduled Trading Day, Custom Index Business Day, Fund Business Day, Settlement Price Date, SPS Valuation Date or other day specified as such in the applicable Final Terms.

"**Underlying Reference Volatility Hedged Value<sub>0</sub>**" means 1.

"**Underlying Reference Volatility Hedged Value<sub>t-1</sub>**" means, in respect of an ACT Day, the Underlying Reference Volatility Hedged Value on the ACT Day immediately preceding such day.

"**Vol  $x_t$** " means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$\text{Vol } x_t = \sqrt{252} \times \sqrt{\frac{x}{x-1} \times \left[ \frac{1}{x} \sum_{q=1}^{q=x} \left( \ln \left( \frac{\text{Basket}_{t-x+q}^{t*}}{\text{Basket}_{t-x+q-1}^{t*}} \right) \right)^2 - \left( \frac{1}{x} \sum_{i=1}^{i=x} \ln \left( \frac{\text{Basket}_{t-x+q}^{t*}}{\text{Basket}_{t-x+q-1}^{t*}} \right) \right)^2 \right]}$$

"**Vol  $y_t$** " means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$\text{Vol } y_t = \sqrt{252} \times \sqrt{\frac{y}{y-1} \times \left[ \frac{1}{y} \sum_{q=1}^{q=y} \left( \ln \left( \frac{\text{Basket}_{t-y+q}^{t*}}{\text{Basket}_{t-y+q-1}^{t*}} \right) \right)^2 - \left( \frac{1}{y} \sum_{i=1}^{i=y} \ln \left( \frac{\text{Basket}_{t-y+q}^{t*}}{\text{Basket}_{t-y+q-1}^{t*}} \right) \right)^2 \right]}$$

"**W<sub>0</sub>**" means the percentage specified as such in the applicable Final Terms.

"**W<sub>t</sub>**" means, in respect of an ACT Day, the percentage determined by the Calculation Agent in accordance with the following formula:

$$W_t = \text{Min}(\text{Max Exposure}; W_t^*)$$

provided that W<sub>t</sub> on the Strike Date is W<sub>0</sub>.

"**W<sub>t</sub><sup>Target</sup>**" means, in respect of an ACT Day, the percentage determined by the Calculation Agent in accordance with the following formula:

$$W_t^{\text{Target}} = \text{Max} \left[ \text{Min} \left( \text{MaxExposure}; \frac{\text{Target Volatility}}{\text{Max}(\text{Vol } x_t; \text{Vol } y_t)} \right); \text{MinExposure} \right]$$

"**W<sub>t-1</sub><sup>Target</sup>**" means, in respect of an ACT Day, W<sub>t</sub><sup>Target</sup> on the ACT Day immediately preceding such day.

"**W<sub>t-1</sub>**" means, in respect of an ACT Day, W<sub>t</sub> on the ACT Day immediately preceding such day.

If Lag 1 is specified in the applicable Final Terms and:

- (i)  $W_t > (1 + \text{Tolerance}) \times W_t^{\text{Target}}$  then "**W<sub>t+1</sub><sup>\*</sup>**" means W<sub>t</sub><sup>Target</sup>,

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (ii)  $W_t < (1 - Tolerance) \times W_t^{Target}$  then " $W_{t+1}^*$ " means  $W_t^{Target}$ ; or
- (iii) Otherwise, " $W_{t+1}^*$ " means  $W_t$ .

If Lag 2 is specified in the applicable Final Terms then " $W_1^* = W_1 = W_0$ " means the percentage specified as such in the applicable Final Terms.

If the weighting on the immediately following day (" $W_{t+1}$ ") is equal to  $W_t$  and:

$W_t > (1 + Tolerance) \times W_t^{Target}$  then " $W_{t+2}^*$ " means  $W_t^{Target}$ ;

$W_t < (1 - Tolerance) \times W_t^{Target}$  then " $W_{t+2}^*$ " means  $W_t^{Target}$ ; or

Otherwise, " $W_{t+2}^*$ " means  $W_{t+1}$ .

If  $W_{t+1} \neq W_t$  and:

- (i)  $W_t^{Target} > (1 + Tolerance) \times W_{t-1}^{Target}$  then " $W_{t+2}^*$ " means  $W_t^{Target}$ ;
- (ii)  $W_t^{Target} < (1 - Tolerance) \times W_{t-1}^{Target}$  then " $W_{t+2}^*$ " means  $W_t^{Target}$ ; or
- (iii) Otherwise, " $W_{t+2}^*$ " means  $W_{t+1}$ .

"x" means the number of ACT Days specified as such in the applicable Final Terms.

"y" means the number of ACT Days specified as such in the applicable Final Terms.

### (f) Underlying Reference TIPP Value

"Underlying Reference TIPP Value" means, in respect of an ACT Day, the rate determined by the Calculation Agent in accordance with the following formula:

$$\begin{aligned} \text{Underlying Reference TIPP Value}_t &= \text{Underlying Reference TIPP Value}_{t-1} \times \left( W_{t-1} \times \frac{RU_t}{RU_{t-1}} \times \left[ 1 \right. \right. \\ &\quad \left. \left. - \text{Risky Fees} \times \frac{\text{Act}_{(t-1,t)}}{360} \right] + (1 - W_{t-1}) \times \frac{NRU_t}{NRU_{t-1}} \right) \times \left( 1 \right. \\ &\quad \left. - \text{Protection Fees} \times \frac{\text{Act}_{(t-1,t)}}{360} \right) \end{aligned}$$

provided that (i) the Underlying Reference TIPP Value on the Strike Date is Underlying Reference TIPP Value<sub>0</sub> and (ii) if specified in the applicable Final Terms, the Underlying Reference TIPP Value<sub>t</sub> will be no greater than the Max Value<sub>t</sub> and no less than the Min Value<sub>t</sub>, each as defined in Payout Condition 2.6(i) below.

### (g) Automatic Early TIPP Value

"Automatic Early TIPP Value<sub>t</sub>" means, in respect of an ACT Day,  $W_t$  in respect of such day as determined by the Calculation Agent in accordance with the provisions of Payout Condition 2.6(i) below.

### (h) HWM Value

"HWM Value" means, in respect of an ACT Day, the percentage specified as such in the applicable Final Terms or if higher HWM<sub>t</sub> in respect of such day as determined by the Calculation Agent in accordance with the provisions of Payout Condition 2.6(i) below.

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

### (i) Underlying Reference TIPP Value, Automatic Early TIPP Value and HWM Value Definitions

"**A**" means the number specified as such in the applicable Final Terms;

"**ACT Day**" or "**t**" means each day that is an Underlying Reference Valuation Date and a Strategy Business Day.

"**Act<sub>(t-1,t)</sub>**" means, in respect of an ACT Day, the number of calendar days from (but excluding) the ACT Day immediately preceding such ACT Day to (and including) such ACT Day.

"**ConstantM<sub>a</sub>**" means the percentage specified as such in the applicable Final Terms;

"**CP1**" means the percentage specified as such in the applicable Final Terms

"**CP2**" means the percentage specified as such in the applicable Final Terms.

"**Distance<sub>t</sub>**" means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$Distance_t = \frac{Underlying\ Reference\ TIPP\ Value_t - G\% \times HWM_t}{Underlying\ Reference\ TIPP\ Value_t}$$

"**Floor**" means, whenever followed by a series of amounts inside brackets, the resulting value of the calculation within such brackets is rounded down to the nearest whole number.

"**G%**" means the percentage specified as such in the applicable Final Terms.

"**H%**" means the percentage specified as such in the applicable Final Terms.

"**HWM<sub>0</sub>**" means the percentage specified as such in the applicable Final Terms.

"**HWM<sub>t</sub>**" means, in respect of an ACT Day:

- (i) if MaxNav is specified as applicable in the applicable Final Terms, the level determined by the Calculation Agent in accordance with the following formula:

$$\text{Max}_{ti \in I}(H\%; \text{Underlying Reference TIPP Value}_{ti})$$

- (ii) if LockWin is specified as applicable in the applicable Final Terms and:

- (a) such ACT Day is also a Lockin Date, the level determined by the Calculation Agent in accordance with the following formula:

$$HWM_t = HWM_{ti^*} + Lockin\ Factor \times \text{Max}(\text{Underlying Reference TIPP Value}_t - HWM_{ti^*}; 0); \text{ otherwise}$$

- (b) such ACT Day is not a Lockin Date, then  $HWM_t$  in respect of the Lockin Date immediately preceding such ACT Day, provided that  $HWM_t$  on the Strike Date is  $HWM_0$ ;

- (iii) if Step is specified as applicable in the applicable Final Terms, the level determined by the Calculation Agent in accordance with the following formula:

$$HWM_t = HWM_0 + CP2 \times \text{Floor}\left(\frac{\text{Max}(\text{Underlying Reference TIPP Value}_t - HWM_{t-1,0})}{Step}\right); \text{ or}$$

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (iv) otherwise, the amount specified as such in the applicable Final Terms or if not so specified, Underlying Reference TIPP Value<sub>0</sub>.

"**HWM<sub>t-1</sub>**" means, in respect of an ACT Day, HWM<sub>t</sub> in respect of the immediately preceding ACT Day.

"**HWM<sub>ti</sub>\***" means, in respect of a Lockin Date, HWM<sub>t</sub> in respect of the Lockin Date immediately preceding such Lockin Date, provided that HWM<sub>ti</sub>\* on the Strike Date is HWM<sub>0</sub>.

"**I**" means the period specified as such in the applicable Final Terms.

"**Initial ACT Day**" means the day falling 60 ACT Days immediately preceding the Strike Date.

"**Lockin Date**" or "**ti**" means each date specified as such in the applicable Final Terms, provided that if such date is not an ACT Day and:

- (i) if Preceding ACT Day is specified in the applicable Final Terms, the relevant Lockin Date shall be the immediately preceding ACT Day; or
- (ii) if Following ACT Day is specified in the applicable Final Terms, the relevant Lockin Date shall be the immediately succeeding ACT Day.

"**Lockin Factor**" means the percentage specified as such in the applicable Final Terms.

"**Ln**" means natural logarithm.

"**Max Exposure**" means the percentage specified as such in the applicable Final Terms.

"**Max Value<sub>t</sub>**" means, in respect of an ACT Day, an amount determined by the Calculation Agent in accordance with the following formula:

$$\text{Max}_{a=1}^A (\text{Constant} M_a \times \text{Value}_a)$$

"**Min Exposure**" means the percentage specified as such in the applicable Final Terms.

"**Min Value<sub>t</sub>**" means, in respect of an ACT Day, an amount determined by the Calculation Agent in accordance with the following formula:

$$\text{Min}_{a=1}^A (\text{Constant} M_a \times \text{Value}_a)$$

"**Multiplier<sub>t</sub>**" means, in respect of an ACT Day:

- (i) CP1; or
- (ii) the level determined by the Calculation Agent in accordance with the following formula:  

$$\text{Min} \left( 100\% ; \frac{\text{Target Volatility}_t}{V_{\text{Realized}_t}} \right) \times \text{CP1}; \text{ or}$$
- (iii) the level determined by the Calculation Agent in accordance with the following formula:

$$\left[ \sum_{k=1}^{N_{RU}} \frac{P_{RU}^k}{N^k \times \text{Min} \left( 100\% ; \frac{\text{Target Volatility}_t^k}{V_{\text{Realized}_t^k}} \right)} \right]^{-1} \times \text{Min} \left( 100\% ; \frac{\text{Target Volatility}_t}{V_{\text{Realized}_t}} \right) \times \text{CP1},$$

as specified in the applicable Final Terms.

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"**N<sup>k</sup>**" means, in respect of an Underlying Reference, the percentage or amount specified as such in the applicable Final Terms.

"**N<sub>NRU</sub>**" means the number of Underlying References in the NRU Basket.

"**N<sub>RU</sub>**" means the number of Underlying References in the RU Basket.

"**NRU<sub>0</sub>**" means the percentage specified as such in the applicable Final Terms.

"**NRU Basket**" means a basket composed of each Fund or each Underlying Interest Rate specified in the applicable Final Terms.

"**NRU<sub>t</sub>**" means, in respect of an ACT Day, an amount determined by the Calculation Agent in accordance with the following formula:

- (i) if the Underlying Reference is an Underlying Interest Rate, then:

$$NRU_t = NRU_{t-1} \times \left[ 1 + \sum_{k=1}^{N_{NRU}} P_{NRU}^k \times (NRU_t^k - 1) \right]$$

- (ii) otherwise:

$$NRU_t = NRU_{t-1} \times \left[ 1 + \sum_{k=1}^{N_{NRU}} P_{NRU}^k \times \left( \frac{NRU_t^k}{NRU_{t-1}^k} - 1 \right) \right]$$

"**NRU<sub>t-1</sub>**" means, in respect of an ACT Day, NRU<sub>t</sub> for the ACT Day immediately preceding such day.

"**NRU<sub>t</sub><sup>k</sup>**" means, in respect of an ACT Day and an Underlying Reference:

- (i) if the Underlying Reference is a Fund, the NAV per Fund Share in respect of such day, provided that, if there is no NAV per Fund Share in respect of such day, the NAV per Fund Share in respect of the immediately succeeding Fund Business Day;
- (ii) if the Underlying Reference is an Underlying Interest Rate, the level determined by the Calculation Agent in accordance with the following formula:

$$NRU_t^k = 1 + \text{Reference Rate}_{t-1}^k \times \frac{\text{Act}_{(t-1,t)}}{360}$$

"**NRU<sub>t-1</sub><sup>k</sup>**" means, in respect of an ACT Day and an Underlying Reference, NRU<sub>t</sub><sup>k</sup> for the ACT Day immediately preceding such day.

"**P<sub>NRU</sub><sup>k</sup>**" means, in respect of an Underlying Reference in the NRU Basket, the relevant Underlying Reference Weighting.

"**P<sub>RU</sub><sup>k</sup>**" means, in respect of an Underlying Reference in the RU Basket, the relevant Underlying Reference Weighting.

"**Protection Fees**" means the percentage specified as such in the applicable Final Terms.

"**Rate Calculation Date**" means, in respect of an ACT Day, the day specified as such in the applicable Final Terms.

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Reference Floating Rate"** means, in respect of an ACT Day, the Reference Floating Rate Option in respect of the Rate Calculation Date for such day appearing on the Reference Floating Rate Option Page at the Reference Floating Rate Option Time (the **"Original Reference Floating Rate"**), provided that if (i) the relevant rate does not appear on such page at such time, (ii) there has been a permanent or indefinite cancellation of the relevant rate, (iii) the relevant rate ceases to exist or ceases to be published permanently or indefinitely or (iv) it is unlawful or impracticable for the Calculation Agent to make any calculations or determinations using the relevant rate, the Calculation Agent may determine the relevant rate for such ACT Day acting in good faith and in a commercially reasonable manner at such time as it may select. In determining the relevant rate, the Calculation Agent may have regard to any sources(s) it considers appropriate, including, but not limited to:

- (a) any alternative rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the currency in which the relevant rate is denominated (each a **"Relevant Nominating Body"**), that is consistent with industry accepted standards, provided that, if two or more alternative rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those rates is most appropriate to preserve the economic features of the relevant Securities;
- (b) any alternative rate that has replaced the Original Reference Floating Rate in customary market usage in the international debt capital markets for the purposes of determining floating rates of interest on the same basis as the Original Reference Floating Rate; or
- (c) such other rate as the Calculation Agent determines is most comparable to the Original Reference Floating Rate.

The Calculation Agent will apply such adjustments that are formally recommended by any Relevant Nominating Body or, if none, may determine any adjustments that are in customary market usage in the international debt capital markets needed to make the replacement rate comparable to the Original Reference Floating Rate, acting in good faith and in a commercially reasonable manner.

The determination of a replacement rate and any applicable adjustments will (in the absence of manifest error) be final and binding, unless the Calculation Agent subsequently determines in respect of an ACT Day that such rate is no longer comparable to the Original Reference Floating Rate or no longer constitutes an industry accepted successor rate, in which case, a new replacement rate shall be determined in accordance with paragraph (a), (b) or (c) above for each subsequent ACT Day. If the Calculation Agent is unable to or otherwise does not determine a further replacement rate, then the rate will remain unchanged.

**"Reference Floating Rate Option"** means the interest rate and designated maturity specified as such in the applicable Final Terms.

**"Reference Floating Rate Option Page"** means the page or price source specified as such in the applicable Final Terms or such successor page or source as determined by the Calculation Agent.

**"Reference Floating Rate Option Time"** means the time specified as such in the applicable Final Terms.

**"Reference Rate-1<sup>k</sup>"** means, in respect of an ACT Day, (i) the fixed rate specified in the applicable Final Terms or the Reference Floating Rate for such day plus (ii) a percentage, each as specified in the applicable Final Terms.

**"Risky Fees"** means the percentage specified as such in the applicable Final Terms.

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"**RU<sub>0</sub>**" means the percentage specified as such in the applicable Final Terms.

"**RU Basket**" means a basket composed of each Index, Custom Index, Share or ETI specified in the applicable Final Terms.

"**RU<sub>t</sub>**" means, in respect of an ACT Day, an amount determined by the Calculation Agent in accordance with the following formula:

$$RU_t = RU_{t-1} \times \left[ 1 + \sum_{k=1}^{N_{RU}} P_{RU}^k \times \left( \frac{RU_t^k}{RU_{t-1}^k} - 1 \right) \right]$$

provided that, RU<sub>t</sub> for the Initial ACT Day will be RU<sub>0</sub>.

"**RU<sub>t-1</sub>**" means, in respect of an ACT Day, RU<sub>t</sub> for the ACT Day immediately preceding such day.

"**RU<sub>t</sub><sup>k</sup>**" means, in respect of an ACT Day and an Underlying Reference, the Underlying Reference Closing Price Value in respect of such day, provided that, if there is no Underlying Reference Closing Price Value in respect of such day or (in the case of Index Securities, Custom Index Securities, Share Securities) such day is a Disrupted Day (such day a "**Disrupted Level Day**"); and:

- (i) if "Following ACT Day" is specified in the applicable Final Terms, RU<sub>t</sub><sup>k</sup> will be the Underlying Reference Closing Price Value for the next succeeding ACT Day which is not a Disrupted Level Day; or
- (ii) if "Preceding ACT Day" is specified in the applicable Final Terms, RU<sub>t</sub><sup>k</sup> will be the Underlying Reference Closing Price Value for the immediately preceding ACT Day which is not a Disrupted Level Day.

"**RU<sub>t-1</sub><sup>k</sup>**" means, in respect of an ACT Day and an Underlying Reference, the Underlying Reference Closing Price Value on the immediately preceding ACT Day.

"**Step**" means the percentage specified as such in the applicable Final Terms.

"**Strategy Business Day**" means a day on which commercial banks and foreign exchange markets settle payments and are open for general business (including dealings in foreign exchange and foreign currency deposits) in the Strategy Business Day Centre(s).

"**Strategy Business Day Centre(s)**" means the place(s) specified as such in the applicable Final Terms.

"**Target Volatility<sub>t</sub>**" means, in respect of an ACT Day, (i) the percentage specified as such in the applicable Final Terms or (ii) if not so specified, VRealized<sub>t</sub>.

"**Target Volatility<sub>t</sub><sup>k</sup>**" means, in respect of an ACT Day and an Underlying Reference, (i) the percentage specified as such in the applicable Final Terms or (ii) if not so specified, VRealized<sub>t</sub><sup>k</sup>.

"**t<sup>\*</sup>**" means, in respect of a Lockin Date, the Lockin Date immediately preceding such day.

"**Tolerance**" means the percentage specified as such in the applicable Final Terms.

"**Underlying Reference TIPP Value<sub>0</sub>**" means the percentage specified as such in the applicable Final Terms.

"**Underlying Reference TIPP Value<sub>t-1</sub>**" means, in respect of an ACT Day, the Underlying Reference TIPP Value on the ACT Day immediately preceding such day.



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"**Underlying Reference Valuation Date**" means a calendar day, Business Day, Exchange Business Day, Hybrid Business Day, Scheduled Trading Day, Custom Index Business Day, Fund Business Day, Settlement Price Date, SPS Valuation Date or other day specified as such in the applicable Final Terms.

"**Value<sub>a</sub>**" means, in respect of an ACT Day, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

"**Vol20<sub>t</sub>**" means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$Vol20_t = \sqrt{252} \times \sqrt{\frac{20}{19} \times \left[ \frac{1}{20} \sum_{q=1}^{q=20} \left( \ln \left( \frac{RU_{t-20+q}}{RU_{t-20+q-1}} \right)^2 \right) - \left( \frac{1}{20} \sum_{q=1}^{q=20} \ln \left( \frac{RU_{t-20+q}}{RU_{t-20+q-1}} \right) \right)^2 \right]}$$

"**Vol20<sub>t</sub><sup>k</sup>**" means, in respect of an ACT Day and an Underlying Reference, the level determined by the Calculation Agent in accordance with the following formula:

$$Vol20_t^k = \sqrt{252} \times \sqrt{\frac{20}{19} \times \left[ \frac{1}{20} \sum_{q=1}^{q=20} \left( \ln \left( \frac{RU_{t-20+q}^k}{RU_{t-20+q-1}^k} \right)^2 \right) - \left( \frac{1}{20} \sum_{q=1}^{q=20} \ln \left( \frac{RU_{t-20+q}^k}{RU_{t-20+q-1}^k} \right) \right)^2 \right]}$$

"**Vol60<sub>t</sub>**" means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$Vol60_t = \sqrt{252} \times \sqrt{\frac{60}{59} \times \left[ \frac{1}{60} \sum_{q=1}^{q=60} \left( \ln \left( \frac{RU_{t-60+q}}{RU_{t-60+q-1}} \right)^2 \right) - \left( \frac{1}{60} \sum_{q=1}^{q=60} \ln \left( \frac{RU_{t-60+q}}{RU_{t-60+q-1}} \right) \right)^2 \right]}$$

"**Vol60<sub>t</sub><sup>k</sup>**" means, in respect of an ACT Day and an Underlying Reference, the level determined by the Calculation Agent in accordance with the following formula:

$$Vol60_t^k = \sqrt{252} \times \sqrt{\frac{60}{59} \times \left[ \frac{1}{60} \sum_{q=1}^{q=60} \left( \ln \left( \frac{RU_{t-60+q}^k}{RU_{t-60+q-1}^k} \right)^2 \right) - \left( \frac{1}{60} \sum_{q=1}^{q=60} \ln \left( \frac{RU_{t-60+q}^k}{RU_{t-60+q-1}^k} \right) \right)^2 \right]}$$

"**VRealized<sub>t</sub>**" means, in respect of an ACT Day, the amount determined by the Calculation Agent in accordance with the following formula:

$$VRealized_t = \text{Max}(Vol20_t; Vol60_t)$$

"**VRealized<sub>t</sub><sup>k</sup>**" means, in respect of an ACT Day and an Underlying Reference, the amount determined by the Calculation Agent in accordance with the following formula:

$$VRealized_t^k = \text{Max}(Vol20_t^k; Vol60_t^k)$$

"**W<sub>t</sub><sup>Target</sup>**" means, in respect of an ACT Day, the percentage determined by the Calculation Agent in accordance with the following formula:

$$W_t^{target} = \text{Min}[\text{Max Exposure}; \text{Max}(\text{Min Exposure}; Distance_t \times Multiplier_t)]$$

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

provided that  $W_t^{\text{Target}}$  on the Strike Date is  $W_0^{\text{Target}}$ .

" $W_{t-1}^{\text{Target}}$ " means, in respect of an ACT Day,  $W_t^{\text{Target}}$  on the ACT Day immediately preceding such day.

" $W_t$ " means, in respect of an ACT Day, the percentage determined by the Calculation Agent with of lag of two ACT Days by reference to  $W_t$  in respect of the immediately preceding ACT Days, as set out below, provided that,  $W_t$  on the Strike Date is  $W_0$  and where " $W_1$ ", " $W_0$ " and " $W_0^{\text{Target}}$ " each mean the percentage specified as such in the applicable Final Terms.

" $W_0$ " means the percentage specified as such in the applicable Final Terms.

" $W_{t-1}$ " means, in respect of an ACT Day, the percentage calculated as follows:

- (i) if  $W_{t-3} = 0$  per cent. and/or if  $Distance_t \leq Y\%$  then " $W_{t-1}$ " means 0 per cent.; or
- (ii) otherwise:
  - (a) if  $W_{t-3} < (1 - \text{Tolerance}) \times W_{t-3}^{\text{Target}}$  or  $W_{t-3} > (1 + \text{Tolerance}) \times W_{t-3}^{\text{Target}}$  then " $W_{t-1}$ " means  $W_{t-3}^{\text{Target}}$ ;
  - (b) if  $(1 - \text{Tolerance}) \times W_{t-3}^{\text{Target}} \leq W_{t-3} \leq (1 + \text{Tolerance}) \times W_{t-3}^{\text{Target}}$  and:
    - (I) if  $W_{t-2} \neq W_{t-3}$  and:
      - (A) if  $W_{t-3}^{\text{Target}} < (1 - \text{Tolerance}) \times W_{t-4}^{\text{Target}}$  or  $W_{t-3}^{\text{Target}} > (1 + \text{Tolerance}) \times W_{t-4}^{\text{Target}}$  then " $W_{t-1}$ " means  $W_{t-3}^{\text{Target}}$ ; otherwise
      - (B) if  $(1 - \text{Tolerance}) \times W_{t-4}^{\text{Target}} \leq W_{t-3}^{\text{Target}} \leq (1 + \text{Tolerance}) \times W_{t-4}^{\text{Target}}$  then " $W_{t-1}$ " means  $W_{t-2}$ ; or
    - (II) if  $W_{t-2} = W_{t-3}$  then " $W_{t-1}$ " means  $W_{t-3}$ .

" $Y\%$ " means the percentage specified as such in the applicable Final Terms.

### (j) **Delta One Value**

"**Delta One Value**" means, in respect of an ACT Day, the rate determined by the Calculation Agent in accordance with the following formula:

$$\frac{\text{Delta One Withholding Value}_t}{\text{Delta One Withholding Value}_0}.$$

"**Delta One Withholding Value<sub>0</sub>**" means the percentage specified as such in the applicable Final Terms.

"**Delta One Withholding Value<sub>t</sub>**" means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$\text{Delta One Withholding Value}_{t-1} \times \left( \frac{UR_t}{UR_{t-1}} - \frac{WHT_t}{NA} \right)$$

provided that the Delta One Withholding Value on the Strike Date is Delta One Withholding Value<sub>0</sub>.

"**Delta One Withholding Value<sub>t-1</sub>**" means, in respect of an ACT Day, the Delta One Withholding Value<sub>t</sub> for the ACT Day immediately preceding such day.

### (k) **Delta One Value Definitions**

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"**ACT Day**" or "**t**" means each day that is an Underlying Reference Valuation Date.

"**Level<sub>0</sub><sup>k</sup>**" means, in respect of an ACT Day and an Underlying Reference, the Underlying Reference Closing Price Value on the Strike Date.

"**Level<sub>t</sub><sup>k</sup>**" means, in respect of an ACT Day and an Underlying Reference, the Underlying Reference Closing Price Value in respect of such day, provided that, if there is no Underlying Reference Closing Price Value in respect of such day or such day is a Disrupted Day (in the case of Index Securities, Custom Index Securities or Share Securities) (such day a "**Disrupted Level Day**") and:

- (i) if "Following ACT Day" is specified in the applicable Final Terms, Level<sub>t</sub><sup>k</sup> will be the Underlying Reference Closing Price Value for the next succeeding ACT Day which is not a Disrupted Level Day; or
- (ii) if "Preceding ACT Day" is specified in the applicable Final Terms, Level<sub>t</sub><sup>k</sup> will be the Underlying Reference Closing Price Value for the immediately preceding ACT Day which is not a Disrupted Level Day,

provided that Level<sub>t</sub><sup>k</sup> on the Strike Date and in respect of an Underlying Reference is Level<sub>0</sub><sup>k</sup>.

"**Level<sub>t-1</sub><sup>k</sup>**" means, in respect of an ACT Day and an Underlying Reference, the Level<sub>t</sub><sup>k</sup> for the ACT Day immediately preceding such day.

"**Underlying Reference Valuation Date**" means a calendar day, Business Day, Exchange Business Day, Scheduled Trading Day, Custom Index Business Day, Settlement Price Date, SPS Valuation Date or other day specified as such in the applicable Final Terms.

"**UR<sub>0</sub>**" means the percentage specified as such in the applicable Final Terms.

"**UR<sub>t</sub>**" means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$UR_{t-1} \times \left( 1 + \sum_{k=1}^K W^k \times \left[ \frac{Level_t^k}{Level_{t-1}^k} - 1 \right] \right)$$

provided that UR<sub>t</sub> for the Strike Date will be UR<sub>0</sub>.

"**UR<sub>t-1</sub>**" means, in respect of an ACT Day, the UR<sub>t</sub> for the ACT Day immediately preceding such day.

"**WHT<sub>t</sub>**" means the percentage specified as such in the applicable Final Terms or if not so specified, an amount calculated by the Calculation Agent equal to the maximum rate of US withholding tax as of Observation Date t in respect of the cash dividends and/or other cash distributions payable in respect of any Share in the Basket of Shares that is a U.S. security or any Index Component of an Index in a Basket of Indices that is a U.S. security, as the case may be.

"**W<sup>k</sup>**" means, in respect of an Underlying Reference, the relevant Underlying Reference Weighting.

### (I) **DA Value**

"**DA Value**" means, in respect of a SPS Valuation Date, the rate determined by the Calculation Agent in accordance with the following formula:

$$\frac{(\text{Cash Level}_1 \times \text{DA Interest}_1) - (\text{Cash Level}_2 \times \text{DA Interest}_2)}{\text{Cash Level}_3 - \text{Cash Level}_4}$$

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

### (m) **DA Value Definitions**

"**Cash Level<sub>o</sub>**" means in respect of a SPS Valuation Date:

- (i) the Constant Percentage 1;
- (ii) the DA Sum Rate<sub>o</sub>; or
- (iii) the DA Max Sum Rate<sub>o</sub>,

specified in the applicable Final Terms.

"**DA Interest [1]/[2]**" means in respect of a SPS Valuation Date:

- (i) the fixed rate specified in the applicable Final Terms;
- (ii) the Reference Floating Rate specified in the applicable Final Terms; or
- (iii) the Vanilla Call Rate or Vanilla Call Spread Rate specified in the applicable Final Terms.

"**DA Max Sum Rate<sub>o</sub>**" means, in respect of a Cash Level<sub>o</sub> and a SPS Valuation Date, the rate determined by the Calculation Agent in accordance with the following formula:

$$\text{Max}(\text{Constant Percentage 1} \times \sum_{p=n_o}^{N_o} \frac{1}{(1 + \text{DA Rate}_{o,p})^p}; \text{Constant Percentage 2} \times \sum_{p=n_{o*}}^{N_{o*}} \frac{1}{(1 + \text{DA Rate}_{o*,p})^p})$$

"**DA Rate<sub>o,p</sub>**" means, in respect of a Cash Level<sub>o</sub> and a SPS Valuation Date:

- (i) the fixed rate specified in the applicable Final Terms; or
- (ii) the Reference Floating Rate<sub>o</sub> specified in the applicable Final Terms.

"**DA Rate<sub>o\*,p</sub>**" means, in respect of a Cash Level<sub>o</sub> and a SPS Valuation Date:

- (i) the fixed rate specified in the applicable Final Terms; or
- (ii) the Reference Floating Rate<sub>o\*</sub> specified in the applicable Final Terms.

"**DA Sum Rate<sub>o</sub>**" means, in respect of a Cash Level<sub>o</sub> and a SPS Valuation Date, the rate determined by the Calculation Agent in accordance with the following formula:

$$\sum_{p=n_o}^{N_o} \frac{1}{(1 + \text{DA Rate}_{o,p})^p}$$

"**n<sub>o</sub>**" means, in respect of Cash Level<sub>o</sub>, the number specified as such in the applicable Final Terms, or if not so specified, 1.

"**N<sub>o</sub>**" means, in respect of Cash Level<sub>o</sub>, the number specified as such in the applicable Final Terms.

"**n<sub>o\*</sub>**" means, in respect of Cash Level<sub>o</sub>, the number specified as such in the applicable Final Terms, or if not so specified, 1.

"**N<sub>o\*</sub>**" means, in respect of Cash Level<sub>o</sub>, the number specified as such in the applicable Final Terms.

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Reference Floating Rate [1]/[2]"** means, in respect of a SPS Valuation Date, the Reference Floating Rate Option in respect of such SPS Valuation Date appearing on the Reference Floating Rate Option Page at the Reference Floating Rate Option Time (the **"Original Reference Floating Rate"**), provided that if (i) the relevant rate does not appear on such page at such time, (ii) there has been a permanent or indefinite cancellation of the relevant rate, (iii) the relevant rate ceases to exist or ceases to be published permanently or indefinitely or (iv) it is unlawful or impracticable for the Calculation Agent to make any calculations or determinations using the relevant rate, the Calculation Agent may determine the relevant rate for such SPS Valuation Date acting in good faith and in a commercially reasonable manner at such time as it may select. In determining the relevant rate, the Calculation Agent may have regard to any sources(s) it considers appropriate, including, but not limited to:

- (a) any alternative rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the currency in which the relevant rate is denominated (each a **"Relevant Nominating Body"**), that is consistent with industry accepted standards, provided that, if two or more alternative rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those rates is most appropriate to preserve the economic features of the relevant Securities;
- (b) any alternative rate that has replaced the Original Reference Floating Rate in customary market usage in the international debt capital markets for the purposes of determining floating rates of interest on the same basis as the Original Reference Floating Rate; or
- (c) such other rate as the Calculation Agent determines is most comparable to the Original Reference Floating Rate.

The Calculation Agent will apply such adjustments that are formally recommended by any Relevant Nominating Body or, if none, may determine any adjustments that are in customary market usage in the international debt capital markets needed to make the replacement rate comparable to the Original Reference Floating Rate, acting in good faith and in a commercially reasonable manner.

The determination of a replacement rate and any applicable adjustments will (in the absence of manifest error) be final and binding, unless the Calculation Agent subsequently determines in respect of an SPS Valuation Date that such rate is no longer comparable to the Original Reference Floating Rate or no longer constitutes an industry accepted successor rate, in which case, a new replacement rate shall be determined in accordance with paragraph (a), (b) or (c) above for each subsequent SPS Valuation Date. If the Calculation Agent is unable to or otherwise does not determine a further replacement rate, then the rate will remain unchanged.

**"Reference Floating Rate<sub>o</sub>"** means, in respect of a Cash Level<sub>o</sub> and a SPS Valuation Date, the Reference Floating Rate Option<sub>o</sub> in respect of such SPS Valuation Date appearing on the Reference Floating Rate Option Page<sub>o</sub> at the Reference Floating Rate Option Time<sub>o</sub> (the **"Original Reference Floating Rate<sub>o</sub>"**), provided that if (i) the relevant rate does not appear on such page at such time, (ii) there has been a permanent or indefinite cancellation of the relevant rate, (iii) the relevant rate ceases to exist or ceases to be published permanently or indefinitely or (iv) it is unlawful or impracticable for the Calculation Agent to make any calculations or determinations using the relevant rate, the Calculation Agent may determine the relevant rate for such SPS Valuation Date acting in good faith and in a commercially reasonable manner at such time as it may select. In determining the relevant rate, the Calculation Agent may have regard to any sources(s) it considers appropriate, including, but not limited to:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (a) any alternative rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the currency in which the relevant rate is denominated (each a "**Relevant Nominating Body**"), that is consistent with industry accepted standards, provided that, if two or more alternative rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those rates is most appropriate to preserve the economic features of the relevant Securities;
- (b) any alternative rate that has replaced the Original Reference Floating Rate<sub>o</sub> in customary market usage in the international debt capital markets for the purposes of determining floating rates of interest on the same basis as the Original Reference Floating Rate<sub>o</sub>; or
- (c) such other rate as the Calculation Agent determines is most comparable to the Original Reference Floating Rate<sub>o</sub>.

The Calculation Agent will apply such adjustments that are formally recommended by any Relevant Nominating Body or, if none, may determine any adjustments that are in customary market usage in the international debt capital markets needed to make the replacement rate comparable to the Original Reference Floating Rate<sub>o</sub>, acting in good faith and in a commercially reasonable manner.

The determination of a replacement rate and any applicable adjustments will (in the absence of manifest error) be final and binding, unless the Calculation Agent subsequently determines in respect of an SPS Valuation Date that such rate is no longer comparable to the Original Reference Floating Rate<sub>o</sub> or no longer constitutes an industry accepted successor rate, in which case, a new replacement rate shall be determined in accordance with paragraph (a), (b) or (c) above for each subsequent SPS Valuation Date. If the Calculation Agent is unable to or otherwise does not determine a further replacement rate, then the rate will remain unchanged.

"**Reference Floating Rate<sub>o</sub>\***" means, in respect of a Cash Level<sub>o</sub> and a SPS Valuation Date, the Reference Floating Rate Option<sub>o</sub>\* in respect of such SPS Valuation Date appearing on the Reference Floating Rate Option Page<sub>o</sub>\* at the Reference Floating Rate Option Time<sub>o</sub>\* (the "**Original Reference Floating Rate<sub>o</sub>\***"), provided that if (i) the relevant rate does not appear on such page at such time, (ii) there has been a permanent or indefinite cancellation of the relevant rate, (iii) the relevant rate ceases to exist or ceases to be published permanently or indefinitely or (iv) it is unlawful or impracticable for the Calculation Agent to make any calculations or determinations using the relevant rate, the Calculation Agent may determine the relevant rate for such SPS Valuation Date acting in good faith and in a commercially reasonable manner at such time as it may select. In determining the relevant rate, the Calculation Agent may have regard to any sources(s) it considers appropriate, including, but not limited to:

- (a) any alternative rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the currency in which the relevant rate is denominated (each a "**Relevant Nominating Body**"), that is consistent with industry accepted standards, provided that, if two or more alternative rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those rates is most appropriate to preserve the economic features of the relevant Securities;
- (b) any alternative rate that has replaced the Original Reference Floating Rate<sub>o</sub>\* in customary market usage in the international debt capital markets for the purposes of determining floating rates of interest on the same basis as the Original Reference Floating Rate<sub>o</sub>\*; or

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (c) such other rate as the Calculation Agent determines is most comparable to the Original Reference Floating Rate<sub>o\*</sub>.

The Calculation Agent will apply such adjustments that are formally recommended by any Relevant Nominating Body or, if none, may determine any adjustments that are in customary market usage in the international debt capital markets needed to make the replacement rate comparable to the Original Reference Floating Rate<sub>o\*</sub>, acting in good faith and in a commercially reasonable manner.

The determination of a replacement rate and any applicable adjustments will (in the absence of manifest error) be final and binding, unless the Calculation Agent subsequently determines in respect of an SPS Valuation Date that such rate is no longer comparable to the Original Reference Floating Rate<sub>o\*</sub> or no longer constitutes an industry accepted successor rate, in which case, a new replacement rate shall be determined in accordance with paragraph (a), (b) or (c) above for each subsequent SPS Valuation Date. If the Calculation Agent is unable to or otherwise does not determine a further replacement rate, then the rate will remain unchanged.

**"Reference Floating Rate Option [1]/[2]"** means, in respect of relevant Reference Floating Rate, the interest rate and designated maturity specified as such in the applicable Final Terms.

**"Reference Floating Rate Option<sub>o</sub>"** means, in respect of Reference Floating Rate<sub>o</sub>, the interest rate and designated maturity specified as such in the applicable Final Terms.

**"Reference Floating Rate Option<sub>o\*</sub>"** means, in respect of Reference Floating Rate<sub>o\*</sub>, the interest rate and designated maturity specified as such in the applicable Final Terms.

**"Reference Floating Rate Option Page [1]/[2]"** means, in respect of the relevant Reference Floating Rate, the page or price source specified as such in the applicable Final Terms or such successor page or source as determined by the Calculation Agent.

**"Reference Floating Rate Option Page<sub>o</sub>"** means, in respect of Reference Floating Rate<sub>o</sub>, the page or price source specified as such in the applicable Final Terms or such successor page or source as determined by the Calculation Agent.

**"Reference Floating Rate Option Page<sub>o\*</sub>"** means, in respect of Reference Floating Rate<sub>o\*</sub>, the page or price source specified as such in the applicable Final Terms or such successor page or source as determined by the Calculation Agent.

**"Reference Floating Rate Option Time [1]/[2]"** means, in respect of the relevant Reference Floating Rate, the time specified as such in the applicable Final Terms.

**"Reference Floating Rate Option Time<sub>o</sub>"** means, in respect of Reference Floating Rate<sub>o</sub>, the time specified as such in the applicable Final Terms.

**"Reference Floating Rate Option Time<sub>o\*</sub>"** means, in respect of Reference Floating Rate<sub>o\*</sub>, the time specified as such in the applicable Final Terms.

(n) **Delta One Div Multi Underlying Value**

**"Delta One Div Multi Value<sub>t</sub>"** means, in respect of an ACT Day:

- (i) if Absolute Fees is specified as applicable in the applicable Final Terms, the rate determined by the Calculation Agent in accordance with the following formula:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

$$\Delta One Div Multi Value_t = \Delta One Div Multi Value_{t-1} \times \left[ Constant Percentage 1 + Constant Percentage 2 \times \left( \frac{PTF_t}{PTF_{t-1}} - Constant Percentage 3 \right) \right] - AF \times \frac{Act(t-1,t)}{DCF};$$

- (ii) if Absolute Fees is specified as not applicable in the applicable Final Terms, the rate determined by the Calculation Agent in accordance with the following formula:

$$\Delta One Div Multi Value_t = \Delta One Div Multi Value_{t-1} \times \left[ Constant Percentage 1 + Constant Percentage 2 \times \left( \frac{PTF_t}{PTF_{t-1}} - Constant Percentage 3 \right) \right] \times \left[ 1 - AF \times \frac{Act(t-1,t)}{DCF} \right]; or$$

- (iii) if Static Basket is specified as applicable in the applicable Final Terms, the rate determined by the Calculation Agent in accordance with the following formula:

$$\Delta One Div Multi Value_t = \Delta One Div Multi Value_{t-1} \times \left[ Constant Percentage 1 + Constant Percentage 2 \times \left( \frac{PTF_t}{PTF_{t-1}} - Constant Percentage 3 \right) \right] - AF \times \frac{Act(t-1,t)}{DCF} - PerfFee_t - NotionalFee_t,$$

provided in each case that, the Delta One Div Multi Value on the Strike Date is Delta One Div Multi Value<sub>0</sub>.

### (o) **Delta One Div Multi Underlying Value Definitions**

"**ACT Day**" or "**t**" means the Strike Date and each day thereafter that is an Underlying Reference Valuation Date and a Strategy Business Day.

"**Act<sub>(0,1)</sub>**" means the number of calendar days from (but excluding) the Strike Date to (and including) the next occurring ACT Day after the Strike Date.

"**Act<sub>(t-1,t)</sub>**" means, in respect of an ACT Day, the number of calendar days from (but excluding) the ACT Day immediately preceding such ACT Day to (and including) such ACT Day.

"**AdF<sub>0</sub>**" means (i) the amount or percentage specified as such in the applicable Final Terms or (ii) the level determined by the Calculation Agent in accordance with the following formula:

$$AdF_0 = Allocation Fee \times \frac{DCF}{Act_{(0,1)}}.$$

"**AdF<sub>t</sub>**" means, in respect of an ACT Day the amount or percentage specified as such in the applicable Final Terms, provided that, AdF<sub>t</sub> for the Strike Date will be AdF<sub>0</sub>.

"**AdF<sub>t-1</sub>**" means, in respect of an ACT Day, AdF<sub>t</sub> in respect of the immediately preceding ACT Day.

"**AF**" means the percentage specified as such in the applicable Final Terms.

"**Allocation Fee**" means the amount or percentage specified as such in the applicable Final Terms.

"**Applicable Withholding Tax**" means, in respect of an ACT Day, a percentage calculated by the Calculation Agent equal to the taxes deducted or withheld at source by or on behalf of any governmental or other applicable authority or agency having the power to tax on any cash dividends that are ex-dividend



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

payable on such ACT Day pursuant to any applicable domestic law prevailing at the time of the distribution in respect of the relevant Share or constituent share in the Index.

**"Delta One Div Multi Value<sub>0</sub>"** means the amount or percentage specified as such in the applicable Final Terms.

**"Delta One Div Multi Value<sub>t-1</sub>"** means, in respect of an ACT Day, the Delta One Div Multi Value<sub>t</sub> for the ACT Day immediately preceding such day.

**"Delta One Div Multi Value<sub>a</sub>"** means, in respect of an ACT Day, the highest Delta One Div Multi Value<sub>t</sub> for all the ACT Days in the period from (and including) the Strike Date to (and including) the second ACT Day immediately preceding such ACT Day.

**"Div Percentage<sup>k,t</sup>"** means, in respect of an Underlying Reference and an ACT Day:

- (i) if Applicable Withholding Tax is specified as not applicable in the applicable Final Terms, the percentage specified as such in the applicable Final Terms; or
- (ii) if Applicable Withholding Tax is specified as applicable in the applicable Final Terms, an amount calculated by the Calculation Agent equal to:

1 – Applicable Withholding Tax.

**"Dividend FX Rate"** means, in respect of an ACT Day, the rate of exchange of the relevant GrossDiv Currency into the relevant Component Currency, as determined by the Calculation Agent on such ACT Day by reference to the source(s) and at the time, in each case specified in the applicable Final Terms, provided that, if such rate of exchange is not available from such source(s) at such time, the rate of exchange will be as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner.

**"FX<sub>k,0</sub>"** means, in respect of an Underlying Reference, Underlying Reference FX Strike Level.

**"FX<sub>k,t</sub>"** means, in respect of an Underlying Reference and an ACT Day, the rate of exchange of the currency in which the relevant Underlying Reference Closing Price Value is denominated into the Settlement Currency, as determined by the Calculation Agent on such ACT Day by reference to the source(s) and at the time, in each case specified in the applicable Final Terms, provided that if such rate of exchange is not available from such source(s) at such time, the rate of exchange will be as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, provided further that FX<sub>k,t</sub> for the Strike Date will be FX<sub>k,0</sub>. If the currency in which such Underlying Reference Closing Price Value is denominated is the same as the Settlement Currency, FX<sub>k,t</sub> will be equal to one.

**"FX<sub>k,t-1</sub>"** means, in respect of an Underlying Reference and an ACT Day, FX<sub>k,t</sub> on the immediately preceding ACT Day.

**"Gross Div<sub>k,t</sub>"** means, in respect of an Underlying Reference and an ACT Day:

- (i) if the Underlying Reference is a Share, any ordinary cash dividends (before deduction of any taxes or application of withholding at source by or on behalf of any applicable authority having the power to tax in respect of such dividends and without any tax credit refund or deduction granted by any applicable authority having the power to tax in respect of such dividends) that are ex-dividend and paid on such ACT Day;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (ii) if the Underlying Reference is an Index, any ordinary cash dividends (before deduction of any taxes or application of withholding at source by or on behalf of any applicable authority having the power to tax in respect of such dividends and without any tax credit refund or deduction granted by any applicable authority having the power to tax in respect of such dividends) that are ex-dividend and paid on such ACT Day on any constituent share in such Index, taking into account the weight of such constituent share on the immediately preceding ACT Day; or
- (iii) if the Underlying Reference is an ETI Interest, any ordinary cash dividends (before deduction of any taxes or application of withholding at source by or on behalf of any applicable authority having the power to tax in respect of such dividends and without any tax credit refund or deduction granted by any applicable authority having the power to tax in respect of such dividends) that are ex-dividend and paid on such ACT Day,

provided that, (i) if any such dividends are paid in a currency (the "**GrossDiv Currency**") other than the currency in which the relevant Share or ETI Interest, as the case may be, is denominated (the "**Component Currency**"), such dividends shall be converted into the Component Currency at the relevant Dividend FX Rate in respect of such ACT Day and (ii) if the Securities are Custom Index Securities, Debt Securities, Currency Securities, Futures Securities or Commodity Securities or no ordinary cash dividends are paid ex-dividend on such ACT Day,  $GrossDiv_{k,t}$  will be zero.

"**Level<sub>k,0</sub>**" means, in respect of an Underlying Reference, (i) the amount or percentage specified as such in the applicable Final Terms, or (ii) the Underlying Reference Strike Price, in each case, in respect of such Underlying Reference and as specified in the applicable Final Terms.

"**Level<sub>k,t</sub>**" means, in respect of an Underlying Reference and an ACT Day, an amount determined by the Calculation Agent in accordance with the following formula:

$$Level_{k,t} = Level_{k,t-1} \times \frac{S_{k,t} + NDDividends_{k,t}}{S_{k,t-1}} \times \frac{FX_{k,t}}{FX_{k,t-1}},$$

provided that, in respect of each Underlying Reference,  $Level_{k,t}$  for the Strike Date will be  $Level_{k,0}$ .

"**Level<sub>k,t-1</sub>**" means, in respect of an Underlying Reference and an ACT Day,  $Level_{k,t}$  for the ACT Day immediately preceding such day.

"**Level<sub>k,tR</sub>**" means, in respect of an Underlying Reference and an ACT Day, the  $Level_{k,t}$  in respect of the Rebalancing Day immediately preceding such ACT Day.

"**NDDividends<sub>k,t</sub>**" means, in respect of an Underlying Reference and an ACT Day:

- (i) if Dividend Reinvestment is specified as applicable in the applicable Final Terms, an amount determined by the Calculation Agent in accordance with the following formula:

$$NDDividends_{k,t} = DivPercentage_{k,t} \times GrossDiv_{k,t}; \text{ or}$$

- (ii) if Dividend Reinvestment is specified as not applicable in the applicable Final Terms, zero.

"**NotionalFee<sub>0</sub>**" means the amount or percentage specified as such in the applicable Final Terms;

"**NotionalFee<sub>t</sub>**" means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$NotionalFee_t = NotionalFee_{t-1} + (SF + AdF_{t-1}) \times \frac{Act(t-1,t)}{DCF},$$

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

provided that,  $\text{NotionalFee}_t$  for the Strike Date will be  $\text{NotionalFee}_0$ .

"**NotionalFee<sub>t-1</sub>**" means, in respect of an ACT Day, the  $\text{NotionalFee}_t$  for the ACT Day immediately preceding such day.

"**PerfFee<sub>0</sub>**" means 0.

"**PerfFee<sub>1</sub>**" means 0.

"**PerfFee<sub>t</sub>**" means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$\left\{ \text{PerfFee}_t = PFL \times \text{Max}\left(0, \frac{\text{Delta One Div Multi Value}_{t-1} - \text{Delta One Div Multi Value}_u}{\text{Delta One Div Multi Value}_u}\right) \right\},$$

provided that,  $\text{PerfFee}_t$  for the Strike Date will be  $\text{PerfFee}_0$  and  $\text{PerfFee}_t$  for the ACT Day immediately succeeding the Strike Date will be  $\text{PerfFee}_1$ .

"**PFL**" means the amount or percentage specified as such in the applicable Final Terms.

"**PTF<sub>0</sub>**" means the amount or percentage specified as such in the applicable Final Terms.

"**PTF<sub>t</sub>**" means, in respect of an ACT Day, an amount determined by the Calculation Agent in accordance with the following formula:

$$\text{PTF}_t = \text{PTF}_{tR} \times \left[ 1 + \sum_{k=1}^K W_k \times \left( \frac{\text{Level}_{k,t}}{\text{Level}_{k,tR}} - 1 \right) \right],$$

provided that,  $\text{PTF}_t$  for the Strike Date will be  $\text{PTF}_0$ .

"**PTF<sub>t-1</sub>**" means, in respect of an ACT Day,  $\text{PTF}_t$  for the ACT Day immediately preceding such day.

"**PTF<sub>tR</sub>**" means, in respect of an ACT Day,  $\text{PTF}_t$  in respect of the Rebalancing Day immediately preceding such ACT Day.

"**Rebalancing Day**" means each day specified as such in the applicable Final Terms from (and including) the Strike Date.

"**SF**" means the amount or percentage specified as such in the applicable Final Terms.

"**S<sub>k,t</sub>**" means, in respect of an Underlying Reference and an ACT Day, the Underlying Reference Closing Price Value in respect of such day, provided that, if there is no Underlying Reference Closing Price Value in respect of such day or such day is a Disrupted Day (in the case of Index Securities, Custom Index Securities, Share Securities, ETI Securities, Debt Securities, Currency Securities or Futures Securities) or a Commodity Disrupted Day (in the case of Commodity Securities) (such day a "**Disrupted Level Day**") and:

- (i) if "Following ACT Day" is specified in the applicable Final Terms,  $S_{k,t}$  will be the Underlying Reference Closing Price Value for the next succeeding ACT Day which is not a Disrupted Level Day; or

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (ii) if "Preceding ACT Day" is specified in the applicable Final Terms,  $S_{k,t}$  will be the Underlying Reference Closing Price Value for the immediately preceding ACT Day which is not a Disrupted Level Day.

" $S_{k,t-1}$ " means, in respect of an Underlying Reference and an ACT Day, the Underlying Reference Closing Price Value on the immediately preceding ACT Day.

"**Strategy Business Day**" means a day on which commercial banks and foreign exchange markets settle payments and are open for general business (including dealings in foreign exchange and foreign currency deposits) in the Strategy Business Day Centre(s).

"**Strategy Business Day Centre(s)**" means the place(s) specified as such in the applicable Final Terms.

"**Underlying Reference Valuation Date**" means a calendar day, Business Day, Exchange Business Day, Hybrid Business Day, Scheduled Trading Day, Custom Index Business Day, Fund Business Day, Settlement Price Date, SPS Valuation Date or other day specified as such in the applicable Final Terms.

" $W_k$ " means, in respect of an Underlying Reference, the relevant Underlying Reference Weighting.

### (p) **Delta One Div Mono Underlying Value**

"**Delta One Div Mono Value<sub>t</sub>**" means, in respect of an ACT Day and an Underlying Reference:

- (i) if Absolute Fees is specified as applicable in the applicable Final Terms, the rate determined by the Calculation Agent in accordance with the following formula:

$$\Delta One Div Mono Value_t = \Delta One Div Mono Value_{t-1} \times \left[ \frac{Constant Percentage 1 + Constant Percentage 2 \times \left( \frac{Level_t}{Level_{t-1}} - Constant Percentage 3 \right)}{Constant Percentage 3} \right] - AF \times \frac{Act(t-1,t)}{DCF};$$

- (ii) if Absolute Fees is specified as not applicable in the applicable Final Terms, the rate determined by the Calculation Agent in accordance with the following formula:

$$\Delta One Div Mono Value_t = \Delta One Div Mono Value_{t-1} \times \left[ \frac{Constant Percentage 1 + Constant Percentage 2 \times \left( \frac{Level_t}{Level_{t-1}} - Constant Percentage 3 \right)}{Constant Percentage 3} \right] \times \left[ 1 - AF \times \frac{Act(t-1,t)}{DCF} \right],$$

provided in each case that, the Delta One Div Mono Value on the Strike Date is Delta One Div Mono Value<sub>0</sub>.

### (q) **Delta One Div Mono Underlying Value Definitions**

"**ACT Day**" or "**t**" means the Strike Date and each day thereafter that is an Underlying Reference Valuation Date and a Strategy Business Day.

"**Act<sub>(t-1,t)</sub>**" means, in respect of an ACT Day, the number of calendar days from (but excluding) the ACT Day immediately preceding such ACT Day to (and including) such ACT Day.

"**AF**" means the percentage specified as such in the applicable Final Terms.

"**Applicable Withholding Tax**" means, in respect of an ACT Day, a percentage calculated by the Calculation Agent equal to the taxes deducted or withheld at source by or on behalf of any governmental

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

or other applicable authority or agency having the power to tax on any cash dividends that are ex-dividend payable on such ACT Day pursuant to any applicable domestic law prevailing at the time of the distribution in respect of the relevant Share or constituent share in the Index.

**"Delta One Div Mono Value<sub>0</sub>"** means (i) the amount or percentage specified as such in the applicable Final Terms, or (ii) the Underlying Reference Strike Price, in each case, as specified in the applicable Final Terms.

**"Delta One Div Mono Value<sub>t-1</sub>"** means, in respect of an ACT Day, the Delta One Div Mono Value for the ACT Day immediately preceding such day.

**"Div Percentage"** means, in respect of an ACT Day:

- (i) if Applicable Withholding Tax is specified as not applicable in the applicable Final Terms, the percentage specified as such in the applicable Final Terms; or
- (ii) if Applicable Withholding Tax is specified as applicable in the applicable Final Terms, an amount calculated by the Calculation Agent equal to:

1 – Applicable Withholding Tax.

**"FX<sub>0</sub>"** means Underlying Reference FX Strike Level.

**"FX<sub>t</sub>"** means, in respect of an ACT Day, the rate of exchange of the currency in which the relevant Underlying Reference Closing Price Value or Gross Div<sub>t</sub>, as applicable, is denominated into the Settlement Currency, as determined by the Calculation Agent on such ACT Day by reference to the source(s) and at the time, in each case specified in the applicable Final Terms, provided that, if such rate of exchange is not available from such source(s) at such time, the rate of exchange will be as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, and provided further that, FX<sub>t</sub> for the Strike Date will be FX<sub>0</sub>. If the currency in which the Underlying Reference is denominated is the same as the Settlement Currency, FX<sub>t</sub> will be equal to one.

**"FX<sub>t-1</sub>"** means, in respect of an ACT Day, FX<sub>t</sub> on the immediately preceding ACT Day.

**"Gross Div<sub>t</sub>"** means, in respect of an ACT Day:

- (i) if the Underlying Reference is a Share, any ordinary cash dividends (before deduction of any taxes or application of withholding at source by or on behalf of any applicable authority having the power to tax in respect of such dividends and without any tax credit refund or deduction granted by any applicable authority having the power to tax in respect of such dividends) that are ex-dividend and paid on such ACT Day;
- (ii) if the Underlying Reference is an Index, any ordinary cash dividends (before deduction of any taxes or application of withholding at source by or on behalf of any applicable authority having the power to tax in respect of such dividends and without any tax credit refund or deduction granted by any applicable authority having the power to tax in respect of such dividends) that are ex-dividend and paid on such ACT Day on any constituent share in such Index, taking into account the weight of such constituent share on the immediately preceding ACT Day; or
- (iii) if the Underlying Reference is an ETI Interest, any ordinary cash dividends (before deduction of any taxes or application of withholding at source by or on behalf of any applicable authority having the power to tax in respect of such dividends and without any tax credit refund or

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

deduction granted by any applicable authority having the power to tax in respect of such dividends) that are ex-dividend and paid on such ACT Day,

provided that, if the Securities are Custom Index Securities, Debt Securities, Currency Securities, Futures Securities or Commodity Securities or no ordinary cash dividends are paid ex-dividend on such ACT Day,  $Gross Div_t$  will be zero.

"**Level<sub>0</sub>**" means (i) the amount or percentage specified as such in the applicable Final Terms, or (ii) the Underlying Reference Strike Price, in each case, as specified in the applicable Final Terms.

"**Level<sub>t</sub>**" means, in respect of an ACT Day, an amount determined by the Calculation Agent in accordance with the following formula:

$$Level_t = Level_{t-1} \times \frac{S_t + NDDividends_t}{S_{t-1}} \times \frac{FX_t}{FX_{t-1}},$$

provided that,  $Level_t$  for the Strike Date will be  $Level_0$ .

"**Level<sub>t-1</sub>**" means, in respect of an ACT Day,  $Level_t$  for the ACT Day immediately preceding such day.

"**NDDividends<sub>t</sub>**" means, in respect of an ACT Day:

- (i) if Dividend Reinvestment is specified as applicable in the applicable Final Terms, an amount determined by the Calculation Agent in accordance with the following formula:

$$NDDividends_t = Div Percentage_t \times Gross Div_t; \text{ or}$$

- (ii) if Dividend Reinvestment is specified as not applicable in the applicable Final Terms, zero.

"**S<sub>t</sub>**" means, in respect of an ACT Day, the Underlying Reference Closing Price Value in respect of such day, provided that, if there is no Underlying Reference Closing Price Value in respect of such day or such day is a Disrupted Day (in the case of Index Securities, Custom Index Securities, Share Securities, ETI Securities, Debt Securities, Currency Securities or Futures Securities) or a Commodity Disrupted Day (in the case of Commodity Securities) (such day a "**Disrupted Level Day**") and:

- (i) if "Following ACT Day" is specified in the applicable Final Terms,  $S_t$  will be the Underlying Reference Closing Price Value for the next succeeding ACT Day which is not a Disrupted Level Day; or
- (ii) if "Preceding ACT Day" is specified in the applicable Final Terms,  $S_t$  will be the Underlying Reference Closing Price Value for the immediately preceding ACT Day which is not a Disrupted Level Day.

"**S<sub>t-1</sub>**" means, in respect of an ACT Day, the Underlying Reference Closing Price Value on the immediately preceding ACT Day.

"**Strategy Business Day**" means a day on which commercial banks and foreign exchange markets settle payments and are open for general business (including dealings in foreign exchange and foreign currency deposits) in the Strategy Business Day Centre(s).

"**Strategy Business Day Centre(s)**" means the place(s) specified as such in the applicable Final Terms.

"**Underlying Reference Valuation Date**" means a calendar day, Business Day, Exchange Business Day, Hybrid Business Day, Scheduled Trading Day, Custom Index Business Day, Fund Business Day, Settlement Price Date, SPS Valuation Date or other day specified as such in the applicable Final Terms.

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

### (r) **Serenity Value**

"**Serenity Value<sub>t</sub>**" means, in respect of an ACT Day  $t$ , the rate determined by the Calculation Agent in accordance with the following formula:

$$Serenity\ Value_t = \frac{Max[Protection\ Level \times HWM_t; Protected\ Index\ Level_t]}{Protected\ Index\ Level_0}$$

### (s) **Serenity Value Definitions**

"**ACT Day  $s$** " means each date specified as such in the applicable Final Terms.

"**ACT Day  $t$** " or " **$t$** " means each day that is an Underlying Reference Valuation Day and a Strategy Business Day.

"**Act<sub>(t1,t2)</sub>**" means the number of calendar days between two ACT Days.

"**Act<sub>(t,s)</sub>**" means, in respect of an ACT Day  $t$ , the number of calendar days (if any) from (but excluding) such ACT Day  $t$  to (and including) the ACT Day  $s$  falling on or immediately after such ACT Day  $t$ .

"**AF**" means the percentage specified as such in the applicable Final Terms.

"**Cash Lock Event**" will occur in respect of an Option Reset Date if no ACT Day  $s$  would be an OM <sub>$i$</sub>  in respect of such date.

"**exp**" means the exponential function.

" **$\gamma$** " means the level determined by the Calculation Agent in accordance with the following formula:

$$\gamma = -\frac{2q}{\sigma^2}$$

"**h<sub>1</sub>( $k, m, s, \tau$ )**" means the level determined by the Calculation Agent in accordance with the following formula:

$$h_1(k, m, s, \tau) = \frac{1}{\sigma\sqrt{\tau}} \left( \ln \left( \frac{s}{\min(k, 1) \times m} \right) - q\tau \right) + \frac{1}{2} \sigma\sqrt{\tau}$$

"**h<sub>2</sub>( $k, m, s, \tau$ )**" means the level determined by the Calculation Agent in accordance with the following formula:

$$h_2(k, m, s, \tau) = \frac{1}{\sigma\sqrt{\tau}} \left( \ln \left( \frac{m}{\min(k, 1) \times s} \right) - q\tau \right) - \frac{1}{2} \sigma\sqrt{\tau}$$

"**HWM <sub>$t$</sub>** " means, in respect of an ACT Day  $t$ , the level determined by the Calculation Agent in accordance with the following formula:

$$HWM_t = \max \left[ \frac{Protected\ Index\ Level_0}{1 - Upfront\ Level}; \max_{0 \leq s \leq t} (Protected\ Index\ Level_s) \right]$$

"**HWM <sub>$t-1$</sub>** " means, in respect of an ACT Day  $t$ , HWM <sub>$i$</sub>  in respect of the immediately preceding ACT Day  $t$ .

"**HWM<sub>tr(t)</sub>**" means, in respect of an ACT Day  $t$ , HWM <sub>$i$</sub>  in respect of the Latest Option Reset Date in respect of such ACT Day  $t$ .

"**Initial Protection Period**" means the number specified as such in the applicable Final Terms.

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"**Initial Target Exposure**" means the percentage specified as such in the applicable Final Terms.

"**K<sub>t</sub>**" means, in respect of an ACT Day t, the level determined by the Calculation Agent in accordance with the following formula:

$$K_t = \frac{\text{Protection Level}}{\text{Target Exposure}_{tR(t)}} \times \frac{HWM_{tR(t)}}{\text{Protected Index Level}_{tR(t)}}$$

"**Latest Option Reset Date**" or "**tR(t)**" means, in respect of an ACT Day t, (i) if Option Reset is specified as applicable in the applicable Final Terms, the Option Reset Date immediately preceding such ACT Day t, or, if none, the Strike Date, or (ii) if Option Reset is not specified as applicable in the applicable Final Terms, the Strike Date.

"**Ln**" means the natural logarithm.

"**Lookback Put Price<sub>t</sub>**" means, in respect of an ACT Day t:

- (i) if an OM<sub>tR(t)</sub> has not occurred, the level determined by the Calculation Agent in accordance with the following formula:

$$\text{Lookback Put Price}_t = LP_{THEO}$$

where, for the purposes of the calculation of LP<sub>THEO</sub>:

- (A) the parameter represented by "k" is K<sub>t</sub> in respect of such ACT Day t;
- (B) the parameter represented by "m" is M<sub>t</sub> in respect of such ACT Day t;
- (C) the parameter represented by "s" is S<sub>t</sub> in respect of such ACT Day t; and
- (D) the parameter represented by "τ" is  $\frac{Act_{(t, OM_{tR(t)})}}{365}$  in respect of such ACT Day t;

otherwise

- (ii) if an OM<sub>tR(t)</sub> has occurred, the level determined by the Calculation Agent in accordance with the following formula:

$$\text{Lookback Put Price}_t = \max[0\% ; K_t \times M_t - S_t]$$

"**LP<sub>THEO</sub>**" means, in respect of an ACT Day t:

- (i) if k is less than or equal to 1, the level determined by the Calculation Agent in accordance with the following formula:

$$\begin{aligned} LP_{THEO} = & \exp(q \times \tau) \times k \times m \times SCD(-h_1(k, m, s, \tau) + \sigma\sqrt{\tau}) - s \times SCD(-h_1(k, m, s, \tau)) \\ & + \frac{k \times s}{\gamma} \left[ k^\gamma \times SCD\left(-h_2(k, m, s, \tau) - \frac{2q\sqrt{\tau}}{\sigma}\right) - \exp(q \times \tau) \times \left(\frac{m}{s}\right)^\gamma \right. \\ & \left. \times SCD(-h_2(k, m, s, \tau)) \right]; \end{aligned}$$

- (ii) otherwise, the level determined by the Calculation Agent in accordance with the following formula:



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

$$LP_{THEO} = \exp(q \times \tau) \times k \times m \times SCD(-h_1(k, m, s, \tau) + \sigma\sqrt{\tau}) - \exp(q \times \tau) \times \frac{k \times s}{\gamma} \times \left(\frac{m}{s}\right)^{\gamma} \times SCD(-h_2(k, m, s, \tau)) + k \times s \times SCD(h_1(k, m, s, \tau)) \times \left(1 + \frac{1}{\gamma}\right) - s$$

"**M<sub>t</sub>**" means, in respect of an ACT Day t:

- (i) if the ACT Day t immediately preceding such ACT Day t was an Option Reset Date, the level determined by the Calculation Agent in accordance with the following formula:

$$M_t = Target\ Exposure_{tR(t)} \times \max\left[1 + (Reference\ Rate_{tR(t)} - RF) \times \frac{Act_{(tR(t),t)}}{DCF}; \frac{Net\_U_t}{Net\_U_{tR(t)}}\right]$$

- (ii) otherwise, the level determined by the Calculation Agent in accordance with the following formula:

$$M_t = \max\left[M_{t-1} \times \left(1 + (Reference\ Rate_{t-1} - RF) \times \frac{Act_{(t-1,t)}}{DCF}\right); S_t\right]$$

provided that, M<sub>t</sub> for the Strike Date will be Initial Target Exposure.

"**M<sub>t-1</sub>**" means, in respect of an ACT Day t, M<sub>t</sub> in respect of the immediately preceding ACT Day t.

"**Net\_U<sub>0</sub>**" means the level specified as such in the applicable Final Terms.

"**Net\_U<sub>t</sub>**" means, in respect of an ACT Day t, the level determined by the Calculation Agent in accordance with the following formula:

$$Net\_U_t = Net\_U_{t-1} \times \frac{U_t}{U_{t-1}} \times \left(1 - RC \times \frac{Act_{(t-1,t)}}{365}\right)$$

provided that, Net\_U<sub>t</sub> for the Strike Date will be Net\_U<sub>0</sub>.

"**Net\_U<sub>t-1</sub>**" means, in respect of an ACT Day t, Net\_U<sub>t</sub> in respect of the immediately preceding ACT Day t.

"**Net\_U<sub>tR(t)</sub>**" means, in respect of an ACT Day t, Net\_U<sub>t</sub> in respect of the Latest Option Reset Date in respect of such ACT Day t.

"**OM<sub>t</sub>**" means, in respect of an Option Reset Date, the latest occurring ACT Day s on which:

- (i)  $\frac{Act_{(t,s)}}{365} \leq Initial\ Protection\ Period;$
- (ii)  $\frac{Act_{(t,s)}}{365} \geq Option\ Minimum\ Maturity;$  and
- (iii)  $LP_{THEO} \leq 1 - Target\ Exposure_t,$

where, for the purposes of the calculation of LP<sub>THEO</sub>:

- (A) the parameter represented by "k" is the rate determined by the Calculation Agent in respect of such ACT Day t in accordance with the following formula:

$$\frac{Protection\ Level}{Target\ Exposure_t} \times \frac{HWM_t}{Protected\ Index\ Level_t};$$

- (B) the parameter represented by "m" is the Target Exposure<sub>t</sub> in respect of such ACT Day t;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (C) the parameter represented by "s" is the Target Exposure<sub>t</sub> in respect of such ACT Day t; and
- (D) the parameter represented by "τ" is  $\frac{Act_{(t,s)}}{365}$  in respect of such ACT Day t,

provided that, such day shall be an OM<sub>t</sub> notwithstanding the occurrence of a subsequent Option Reset Date on which another OM<sub>t</sub> is identified and further provided that, if such OM<sub>t</sub> is not an ACT Day t, for the purpose of determining the Lookback Put Price, such OM<sub>t</sub> will be deemed to fall on the immediately preceding ACT Day t.

"OM<sub>IR(t)</sub>" means, in respect of an ACT Day t, the OM<sub>t</sub> in respect of the Latest Option Reset Date in respect of such ACT Day t.

"Option Minimum Maturity" means the number specified as such in the applicable Final Terms.

"Option Reset Date" means (a) if Option Reset is specified as applicable in the applicable Final Terms, (i) any ACT Day t in respect of which either (A) the Protected Index Level<sub>t</sub> is greater than HWM<sub>t-1</sub> or (B) such ACT Day t falls on or after OM<sub>IR(t)</sub>, or (ii) the Strike Date, or (b) if Option Reset is not specified as applicable in the applicable Final Terms, the Strike Date.

"Protected Index Level<sub>0</sub>" means the rate specified as such in the applicable Final Terms.

"Protected Index Level<sub>s</sub>" means, in respect of an ACT Day t, the Protected Index Level<sub>t</sub> in respect of the ACT Day s immediately preceding such ACT Day t, or if none, Protected Index Level<sub>0</sub>.

"Protected Index Level<sub>t</sub>" means, in respect of an ACT Day t:

- (i) if a Cash Lock Event has occurred before such ACT Day t, the rate determined by the Calculation Agent in accordance with the following formula:

$$Protected\ Index\ Level_t = Protected\ Index\ Level_{t-1} \times \left[ 1 + (Reference\ Rate_{t-1} - AF) \times \frac{Act_{(t-1,t)}}{DCF} \right];$$

otherwise

- (ii) the rate determined by the Calculation Agent in accordance with the following formula:

$$Protected\ Index\ Level_t = Protected\ Index\ Level_{tR(t)} \times \left[ Target\ Exposure_{tR(t)} \times \frac{Net\_U_t}{Net\_U_{tR(t)}} + Lookback\ Put\ Price_t + Residual\ Cash\ Amount_{t-1} \times \left[ 1 + (Reference\ Rate_{t-1} - AF) \times \frac{Act_{(t-1,t)}}{DCF} \right] \right],$$

provided that, Protected Index Level<sub>t</sub> for the Strike Date will be Protected Index Level<sub>0</sub>.

"Protected Index Level<sub>t-1</sub>" means, in respect of an ACT Day t, the Protected Index Level<sub>t</sub> on the immediately preceding ACT Day t.

"Protected Index Level<sub>IR(t)</sub>" means, in respect of an ACT Day t, the Protected Index Level<sub>t</sub> in respect of the Latest Option Reset Date in respect of such ACT Day t.

"Protection Level" means the percentage specified as such in the applicable Final Terms.

"q" means the percentage specified as such in the applicable Final Terms.

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Rate Calculation Date"** means, in respect of an ACT Day *t*, the first, second or third ACT Day preceding such day, as specified in the applicable Final Terms.

**"RC"** means the rate specified as such in the applicable Final Terms.

**"Reference Floating Rate"** means, in respect of an ACT Day *t*, the Reference Floating Rate Option in respect of the Rate Calculation Date for such day appearing on the Reference Floating Rate Option Page at the Reference Floating Rate Option Time (the **"Original Reference Floating Rate"**), provided that if (i) the relevant rate does not appear on such page at such time, (ii) there has been a permanent or indefinite cancellation of the relevant rate, (iii) the relevant rate ceases to exist or ceases to be published permanently or indefinitely or (iv) it is unlawful or impracticable for the Calculation Agent to make any calculations or determinations using the relevant rate, the Reference Floating Rate Option for such ACT Day *t* shall be determined by the Calculation Agent at such time and from such source(s) as it may select acting in good faith and in a commercially reasonable manner. In determining the relevant rate, the Calculation Agent may have regard to any sources(s) it considers appropriate, including, but not limited to:

- (i) any alternative rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the currency in which the relevant rate is denominated (each a **"Relevant Nominating Body"**), that is consistent with industry accepted standards, provided that, if two or more alternative rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those rates is most appropriate to preserve the economic features of the relevant Securities;
- (ii) any alternative rate that has replaced the Original Reference Floating Rate in customary market usage in the international debt capital markets for the purposes of determining floating rates of interest on the same basis as the Original Reference Floating Rate; or
- (iii) such other rate as the Calculation Agent determines is most comparable to the Original Reference Floating Rate.

The Calculation Agent will apply such adjustments that are formally recommended by any Relevant Nominating Body or, if none, may determine any adjustments that are in customary market usage in the international debt capital markets needed to make the replacement rate comparable to the Original Reference Floating Rate, acting in good faith and in a commercially reasonable manner.

The determination of a replacement rate and any applicable adjustments will (in the absence of manifest error) be final and binding, unless the Calculation Agent subsequently determines in respect of an ACT Day *t* that such rate is no longer comparable to the Original Reference Floating Rate or no longer constitutes an industry accepted successor rate, in which case, a new replacement rate shall be determined in accordance with paragraph (i), (ii) or (iii) above for each subsequent ACT Day *t*. If the Calculation Agent is unable to or otherwise does not determine a further replacement rate, then the rate will remain unchanged.

**"Reference Floating Rate Option"** means the relevant rate and designated maturity specified as such in the applicable Final Terms.

**"Reference Floating Rate Option Page"** means the page or price source specified as such in the applicable Final Terms.

**"Reference Floating Rate Option Time"** means the time specified as such in the applicable Final Terms.

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"**Reference Rate<sub>t</sub>**" means, in respect of an ACT Day t, (i) the fixed rate specified in the applicable Final Terms or (ii) the Reference Floating Rate for such day plus a percentage, as specified in the applicable Final Terms.

"**Reference Rate<sub>t-1</sub>**" means, in respect of an ACT Day t, the Reference Rate<sub>t</sub> in respect of the immediately preceding ACT Day t.

"**Reference Rate<sub>t(R(t))</sub>**" means, in respect of an ACT Day t, the Reference Rate<sub>t</sub> in respect of the Latest Option Reset Date in respect of such ACT Day t.

"**Reset Target Exposure**" means the percentage specified as such in the applicable Final Terms.

"**Residual Cash Amount<sub>0</sub>**" means the rate specified as such in the applicable Final Terms.

"**Residual Cash Amount<sub>t</sub>**" means, in respect of an ACT Day t:

- (i) if such ACT Day t is an Option Reset Date, the rate determined by the Calculation Agent in accordance with the following formula:

$$Residual\ Cash\ Amount_t = [1 - Target\ Exposure_t - RLBP_t];$$

- (ii) otherwise, the rate determined by the Calculation Agent in accordance with the following formula:

$$Residual\ Cash\ Amount_t = Residual\ Cash\ Amount_{t-1} \times \left[ 1 + (Reference\ Rate_{t-1} - AF) \times \frac{Act_{(t-1,t)}}{DCF} \right]$$

provided that, the Residual Cash Amount<sub>t</sub> for the Strike Date will be Residual Cash Amount<sub>0</sub>.

"**Residual Cash Amount<sub>t-1</sub>**" means, in respect of an ACT Day t, the Residual Cash Amount on the immediately preceding ACT Day t.

"**RF**" means the percentage specified as such in the applicable Final Terms.

"**RK<sub>t</sub>**" means, in respect of an ACT Day t, the level determined by the Calculation Agent in accordance with the following formula:

$$RK_t = \frac{Protection\ Level}{Target\ Exposure_t} \times \frac{HWM_t}{Protected\ Index\ Level_t}.$$

"**RLBP<sub>t</sub>**" means, in respect of an ACT Day t, the level determined by the Calculation Agent in accordance with the following formula:

$$RLBP_t = LP_{THEO}$$

where, for the purposes of the calculation of LP<sub>THEO</sub>:

- (A) the parameter represented by "k" is RK<sub>t</sub> in respect of such ACT Day t;
- (B) the parameter represented by "m" is Target Exposure<sub>t</sub> in respect of such ACT Day t;
- (C) the parameter represented by "s" is Target Exposure<sub>t</sub> in respect of such ACT Day t; and
- (D) the parameter represented by "t" is  $\frac{Act_{(t,OMt)}}{365}$  in respect of such ACT Day t.

"**SCD**" means the standard gaussian cumulative distribution function.

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

" $\sigma$ " means the percentage specified as such in the applicable Final Terms.

" $S_t$ " means, in respect of an ACT Day  $t$ , the level determined by the Calculation Agent in accordance with the following formula:

$$S_t = Target\ Exposure_{tR(t)} \times \frac{Net\_U_t}{Net\_U_{tR(t)}}$$

"**Strategy Business Day**" means a day on which commercial banks and foreign exchange markets settle payments and are opened for general business (including dealings in foreign exchange and foreign currency deposits) in the Strategy Business Day Centre(s).

"**Strategy Business Day Centre(s)**" means the place(s) specified as such in the applicable Final Terms.

"**Target Exposure<sub>t</sub>**" means, in respect of an ACT Day  $t$ :

- (i) if such ACT Day  $t$  is the Strike Date, the Initial Target Exposure;
- (ii) otherwise, the Reset Target Exposure.

"**Target Exposure<sub>tR(t)</sub>**" means, in respect of an ACT Day  $t$ , the Target Exposure<sub>t</sub> in respect of the Latest Option Reset Date in respect of such ACT Day  $t$ .

"**Underlying Reference Valuation Day**" means a calendar day, Business Day, Exchange Business Day, Scheduled Trading Day, Custom Index Business Day, Fund Business Day, Settlement Price Date, SPS Valuation Date or other day specified as such in the applicable Final Terms.

"**Upfront Level**" means the percentage specified as such in the applicable Final Terms.

" $U_t$ " means, in respect of an ACT Day  $t$ :

- (i) the Underlying Reference Closing Price Value in respect of such day, provided that, if there is no Underlying Reference Closing Price Value in respect of such day or such day is a Disrupted Day (in the case of Index Securities, Custom Index Securities, Share Securities or Futures Securities) (a "**Disrupted Level Day**") and:
  - (A) if "Following ACT Day" is specified in the applicable Final Terms,  $U_t$  will be the Underlying Reference Closing Price Value for the next succeeding ACT Day  $t$  which is not a Disrupted Level Day; or
  - (B) if "Preceding ACT Day" is specified in the applicable Final Terms,  $U_t$  will be the Underlying Reference Closing Price Value for the immediately preceding ACT Day  $t$  which is not a Disrupted Level Day;
- (ii) the Underlying Reference Volatility Hedged Value; or
- (iii) the Underlying Reference Volatility Asset Value,

in each case, as specified in the applicable Final Terms.

" $U_{t-1}$ " means, in respect of an ACT Day  $t$ ,  $U_t$  for the immediately preceding ACT Day  $t$ .

- (t) **Underlying Reference Volatility Asset Value**

"**Underlying Reference Volatility Asset Value**" means, in respect of an ACT Day, the rate determined by the Calculation Agent in accordance with the following formula:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

*Underlying Reference Volatility Asset Value<sub>t</sub>* =  
*Underlying Reference Volatility Asset Value<sub>t-1</sub>* + *Constant Percentage 1* +  
 $\sum_{k=1}^2 n_{k,t-1}^{used} \times (Level_{k,t} - Level_{k,t-1} + \text{Constant Percentage 2}) + n_{t-1}^{cash} \times (cash_t - cash_{t-1} + \text{Constant Percentage 3}),$

provided that, the Underlying Reference Volatility Asset Value<sub>t</sub> on the Strike Date is Underlying Reference Volatility Asset Value<sub>0</sub>.

### (u) **Underlying Reference Volatility Asset Value Definitions**

"**Act<sub>(t-1,t)</sub>**" means, in respect of an ACT Day, the number of calendar days from (but excluding) the ACT Day immediately preceding such ACT Day to (and including) such ACT Day.

"**ACT Day**" or "**t**" means each day that is an Underlying Reference Valuation Date.

"**Cap1**" means the percentage specified as such in the applicable Final Terms.

"**Cap2**" means the percentage specified as such in the applicable Final Terms.

"**Cash<sub>0</sub>**" means the percentage specified as such in the applicable Final Terms.

"**Cash<sub>t</sub>**" means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$Cash_t = Cash_{t-1} \times \left( 1 + Reference\ Rate_{t-1} \times \frac{Act(t-1,t)}{360} \right)$$

provided that, Cash<sub>t</sub> on the Strike Date is Cash<sub>0</sub>.

"**Cash<sub>t-1</sub>**" means, in respect of an ACT Day, Cash<sub>t</sub> on the ACT Day immediately preceding such day.

"**Covar<sub>(1,2),n,t</sub>**" means, in respect of an Underlying Reference and an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$Covar_{(1,2),n,t} = 252 \times \left( \frac{1}{n} \times \sum_{i=1}^n \ln \left( \frac{Level_{1,t-i+1}}{Level_{1,t-i}} \right) \times \ln \left( \frac{Level_{2,t-i+1}}{Level_{2,t-i}} \right) - \left( \frac{1}{n} \times \sum_{i=1}^n \ln \left( \frac{Level_{1,t-i+1}}{Level_{1,t-i}} \right) \right) \times \left( \frac{1}{n} \times \sum_{i=1}^n \ln \left( \frac{Level_{2,t-i+1}}{Level_{2,t-i}} \right) \right) \right)$$

"**FX Level<sub>k,t</sub>**" means, in respect of an Underlying Reference and an ACT Day, the rate of exchange between the currencies (including any rates of exchange pursuant to which the relevant rate of exchange is derived) and determined from the source(s) and at the time, in each case specified in the applicable Final Terms in respect of such Underlying Reference on such ACT Day, provided that, if such rate of exchange is not available from such sources at such time, the rate of exchange determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, provided that FX Level<sub>k,t</sub> on the Strike Date is the rate specified in the applicable Final Terms as FX Initial.

"**i**" means, in respect of an ACT Day, the number of ACT Days prior to such ACT Day equal to n.

"**lag<sub>k</sub>**" means, in respect of an Underlying Reference, the number of ACT Days specified as such in the applicable Final Terms.

"**Level<sub>k,t</sub>**" means, in respect of an Underlying Reference and an ACT Day, (a) the Underlying Reference Closing Price Value in respect of such day, provided that, if there is no Underlying Reference Closing Price Value in respect of such day or such day is a Disrupted Day and:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (i) if "Following ACT Day" is specified in the applicable Final Terms,  $Level_{k,t}$  will be the Underlying Reference Closing Price Value for the next succeeding Day which is not a Disrupted Day; or
- (ii) if "Preceding ACT Day" is specified in the applicable Final Terms,  $Level_{k,t}$  will be the Underlying Reference Closing Price Value for the immediately preceding ACT Day which is not a Disrupted Day,

and (b) if FX Conversion is specified as applicable in the applicable Final Terms for Underlying Reference, multiplied by FX  $Level_{k,t}$ .

"**Level<sub>k,t-1</sub>**" means, in respect of an Underlying Reference and an ACT Day,  $Level_{k,t}$  on the ACT Day immediately preceding such day.

"**Level<sub>k,t-i</sub>**" means, in respect of an Underlying Reference and an ACT Day,  $Level_{k,t}$  in respect of the ACT Day falling i ACT Days prior to such day.

"**Level<sub>k,t+i-1</sub>**" means, in respect of an Underlying Reference and an ACT Day,  $Level_{k,t}$  in respect of the ACT Day immediately succeeding the ACT Day falling i ACT Days prior to such day.

"**ln**" means natural logarithm.

"**n**" means a number of ACT Days equal to x or y, as applicable.

"**n<sub>t</sub><sup>cash</sup>**" means, in respect of an ACT Day:

$$n_t^{cash} = \frac{1}{Cash_t} \times (Underlying\ Reference\ Volatility\ Asset\ Value_t - \sum_{k=1}^2 n_{k,t}^{used} \times Level_{k,t})$$

"**n<sub>t-1</sub><sup>cash</sup>**" means, in respect of a Scheduled Trading Day,  $n_t^{cash}$  on the Scheduled Trading Day immediately preceding such day.

"**n<sub>k,t</sub><sup>target</sup>**" means, in respect of an Underlying Reference and an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$n_{k,t}^{target} = W_{k,t}^{target} \times \frac{Underlying\ Reference\ Volatility\ Asset\ Value_t}{Level_{k,t}}.$$

"**n<sub>k,t-lag<sub>k</sub></sub><sup>target</sup>**" means, in respect of an Underlying Reference and an ACT Day,  $n_{k,t}^{target}$  in respect of the ACT Day falling lag<sub>k</sub> ACT Days prior to such day.

"**n<sub>k,0</sub><sup>used</sup>**" means the percentage specified as such in the applicable Final Terms.

"**n<sub>k,t</sub><sup>used</sup>**" means, in respect of an Underlying Reference and an ACT Day,  $n_{k,t-lag_k}^{target}$  in respect of such day, provided that, if such day is a Disrupted Day,  $n_{k,t}^{used}$  will be the  $n_{k,t}^{used}$  for the immediately preceding Scheduled Trading Day which is not a Disrupted Day, and provided further that,  $n_{k,t}^{used}$  on the Strike Date is  $n_{k,0}^{used}$ .

"**n<sub>k,t-1</sub><sup>used</sup>**" means, in respect of an Underlying Reference and an ACT Day,  $n_{k,t}^{used}$  on the ACT Day immediately preceding such day.

"**PtfVol<sub>t</sub>**" means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$PtfVol_t = \max(\sqrt{Var_{port,x,t}}, \sqrt{Var_{port,y,t}}).$$

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Reference Floating Rate"** means, in respect of an ACT Day, the Reference Floating Rate Option in respect of such ACT Day appearing on the Reference Floating Rate Option Page at the Reference Floating Rate Option Time the **"Original Reference Floating Rate"**), provided that if (i) the relevant rate does not appear on such page at such time, (ii) there has been a permanent or indefinite cancellation of the relevant rate, (iii) the relevant rate ceases to exist or ceases to be published permanently or indefinitely or (iv) it is unlawful or impracticable for the Calculation Agent to make any calculations or determinations using the relevant rate, the Calculation Agent may determine the relevant rate for such ACT Day acting in good faith and in a commercially reasonable manner at such time as it may select. In determining the relevant rate, the Calculation Agent may have regard to any sources(s) it considers appropriate, including, but not limited to:

- (a) any alternative rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the currency in which the relevant rate is denominated (each a **"Relevant Nominating Body"**), that is consistent with industry accepted standards, provided that, if two or more alternative rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those rates is most appropriate to preserve the economic features of the relevant Securities;
- (b) any alternative rate that has replaced the Original Reference Floating Rate in customary market usage in the international debt capital markets for the purposes of determining floating rates of interest on the same basis as the Original Reference Floating Rate; or
- (c) such other rate as the Calculation Agent determines is most comparable to the Original Reference Floating Rate.

The Calculation Agent will apply such adjustments that are formally recommended by any Relevant Nominating Body or, if none, may determine any adjustments that are in customary market usage in the international debt capital markets needed to make the replacement rate comparable to the Original Reference Floating Rate, acting in good faith and in a commercially reasonable manner.

The determination of a replacement rate and any applicable adjustments will (in the absence of manifest error) be final and binding, unless the Calculation Agent subsequently determines in respect of an ACT Day that such rate is no longer comparable to the Original Reference Floating Rate or no longer constitutes an industry accepted successor rate, in which case, a new replacement rate shall be determined in accordance with paragraph (a), (b) or (c) above for each subsequent ACT Day. If the Calculation Agent is unable to or otherwise does not determine a further replacement rate, then the rate will remain unchanged.

**"Reference Floating Rate Option"** means the relevant rate and designated maturity specified as such in the applicable Final Terms.

**"Reference Floating Rate Option Page"** means the page or price source specified as such in the applicable Final Terms or such successor page or source as determined by the Calculation Agent.

**"Reference Floating Rate Option Time"** means the time specified as such in the applicable Final Terms.

**"Reference Rate<sub>t-1</sub>"** means (a) the fixed rate specified in the applicable Final Terms or (b) in respect of an ACT Day, the Reference Floating Rate for the ACT Day immediately preceding such day, as specified in the applicable Final Terms.



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"**TargetVolExposure<sub>t</sub>**" means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$TargetVolExposure_t = \min\left(Cap1, \frac{TV}{P_{tfVol_t}}\right).$$

"**TV**" means the percentage specified as such in the applicable Final Terms.

"**Underlying Reference Valuation Date**" means a Business Day, Exchange Business Day, Scheduled Trading Day, SPS Valuation Date or other day specified as such in the applicable Final Terms.

"**Underlying Reference Volatility Asset Value<sub>0</sub>**" means the percentage specified as such in the applicable Final Terms.

"**Underlying Reference Volatility Asset Value<sub>t-1</sub>**" means, in respect of an ACT Day, the Underlying Reference Volatility Asset Value<sub>t</sub> on the ACT Day immediately preceding such day.

"**Var<sub>1,n,t</sub>**" means, in respect of an Underlying Reference and an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$Var_{1,n,t} = 252 \times \left( \frac{1}{n} \times \sum_{i=1}^n \left[ \ln \left( \frac{Level_{1,t-i+1}}{Level_{1,t-i}} \right) \right]^2 - \left( \frac{1}{n} \times \sum_{i=1}^n \ln \left( \frac{Level_{1,t-i+1}}{Level_{1,t-i}} \right) \right)^2 \right).$$

"**Var<sub>2,n,t</sub>**" means, in respect of an Underlying Reference and an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$Var_{2,n,t} = 252 \times \left( \frac{1}{n} \times \sum_{i=1}^n \left[ \ln \left( \frac{Level_{2,t-i+1}}{Level_{2,t-i}} \right) \right]^2 - \left( \frac{1}{n} \times \sum_{i=1}^n \ln \left( \frac{Level_{2,t-i+1}}{Level_{2,t-i}} \right) \right)^2 \right).$$

"**Var<sub>port,n,t</sub>**" means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$Var_{port,n,t} = W_{1,t}^{ref} \times W_{1,t}^{ref} \times Var_{1,n,t} + W_{2,t}^{ref} \times W_{2,t}^{ref} \times Var_{2,n,t} + 2 \times W_{1,t}^{ref} \times W_{2,t}^{ref} \times Covar_{(1,2),n,t}.$$

"**W<sub>k,t</sub><sup>ref</sup>**" means, in respect of an Underlying Reference and an ACT Day, the level determined by the Calculation Agent in accordance with the following formulae:

(a) in respect of k=1:

$$W_{1,t}^{ref} = \min\left(Cap2, \frac{TV}{\max(\sqrt{Var_{1,x,t}}; \sqrt{Var_{1,y,t}})}\right)$$

(b) in respect of k=2:

$$W_{2,t}^{ref} = 1 - W_{1,t}^{ref}$$

"**W<sub>k,t</sub><sup>target</sup>**" means, in respect of an Underlying Reference and an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$W_{k,t}^{target} = W_{k,t}^{ref} \times TargetVolExposure_t.$$

"**x**" means the number of ACT Days specified as such in the applicable Final Terms.

"**y**" means the number of ACT Days specified as such in the applicable Final Terms.

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

### 2.7 **Greatest Period Values for SPS Coupon/Premium Amount Rates, Payouts and Entitlement Amounts**

#### (a) **Mono Underlying Reference Value Definitions**

**"Greatest Underlying Reference Intraday Value"** means, in respect of an Underlying Reference and a SPS Valuation Period, the highest Underlying Reference Intraday Value for such Underlying Reference for all the SPS Valuation Dates in such SPS Valuation Period; and

**"Greatest Underlying Reference Value"** means, in respect of an Underlying Reference and a SPS Valuation Period, the highest Underlying Reference Value for such Underlying Reference for all the SPS Valuation Dates in such SPS Valuation Period.

#### (b) **Multi Underlying Reference Value Definitions**

**"Greatest Basket Value"** means, in respect of a SPS Valuation Period, the highest Basket Value for all the SPS Valuation Dates in such SPS Valuation Period;

**"Greatest Best Intraday Value"** means, in respect of a SPS Valuation Period, the highest Best Intraday Value for all the SPS Valuation Dates in such SPS Valuation Period;

**"Greatest Best Value"** means, in respect of a SPS Valuation Period, the highest Best Value for all the SPS Valuation Dates in such SPS Valuation Period;

**"Greatest Conditional Value (Basket)"** means, in respect of an Underlying Reference in the Basket and a SPS Valuation Period, the highest Conditional Value for such Underlying Reference for all the SPS Valuation Dates in such SPS Valuation Period;

**"Greatest Rainbow Value"** means, in respect of a SPS Valuation Period, the highest for all SPS Valuation Dates in such SPS Valuation Period of the relevant Rainbow Values;

**"Greatest Underlying Reference Value (Basket)"** means, in respect of an Underlying Reference in the Basket and a SPS Valuation Period, the highest Underlying Reference Value for such Underlying Reference for all the SPS Valuation Dates in such SPS Valuation Period;

**"Greatest Underlying Reference Volatility Hedged Value"** means, in respect of a SPS Valuation Period, the highest Underlying Reference Volatility Hedged Value for all the SPS Valuation Dates in such SPS Valuation Period;

**"Greatest Worst Intraday Value"** means, in respect of a SPS Valuation Period, the highest Worst Intraday Value for all the SPS Valuation Dates in such SPS Valuation Period; and

**"Greatest Worst Value"** means, in respect of a SPS Valuation Period, the highest Worst Value for all the SPS Valuation Dates in such SPS Valuation Period.

### 2.8 **Lowest Period Values for SPS Coupon/Premium Amount Rates, Payouts and Entitlement Amounts**

#### (a) **Mono Underlying Reference Value Definitions**

**"Lowest Underlying Reference Intraday Value"** means, in respect of an Underlying Reference and a SPS Valuation Period, the lowest Underlying Reference Intraday Value for such Underlying Reference for all the SPS Valuation Dates in such SPS Valuation Period; and

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Lowest Underlying Reference Value"** means, in respect of an Underlying Reference and a SPS Valuation Period, the lowest Underlying Reference Value for such Underlying Reference for all the SPS Valuation Dates in such SPS Valuation Period.

### (b) Multi Underlying Reference Value Definitions

**"Lowest Basket Value"** means, in respect of a SPS Valuation Period, the lowest Basket Value for all the SPS Valuation Dates in such SPS Valuation Period;

**"Lowest Best Value"** means, in respect of a SPS Valuation Period, the lowest Best Value for all the SPS Valuation Dates in such SPS Valuation Period;

**"Lowest Greatest Conditional Value (Basket)"** means, in respect of a SPS Valuation Period, the lowest Greatest Conditional Value (Basket) for any Underlying Reference in the Basket in respect of such SPS Valuation Period;

**"Lowest Greatest Underlying Value (Basket)"** means, in respect of a SPS Valuation Period, the lowest Greatest Underlying Reference Value (Basket) for any Underlying Reference in the Basket in respect of such SPS Valuation Period; **"Lowest Rainbow Value"** means, in respect of a SPS Valuation Period, the lowest for all SPS Valuation Dates in such SPS Valuation Period of the relevant Rainbow Values;

**"Lowest Worst Intraday Value"** means, in respect of a SPS Valuation Period, the lowest Worst Intraday Value for all the SPS Valuation Dates in such SPS Valuation Period; and

**"Lowest Worst Value"** means, in respect of a SPS Valuation Period, the lowest Worst Value for all the SPS Valuation Dates in such SPS Valuation Period.

## 2.9 Average Values for SPS Coupon/Premium Amount Rates, Payouts and Entitlement Amounts

### (a) Mono Underlying Reference Value Definitions

**"Average Underlying Reference TOM Value"** means, in respect of an Underlying Reference and a SPS Valuation Period, the arithmetic average of the Underlying Reference TOM Values for such Underlying Reference for all the SPS Valuation Dates in such SPS Valuation Period;

**"Average Underlying Reference Value"** means, in respect of an Underlying Reference and a SPS Valuation Period, the arithmetic average of the Underlying Reference Value for such Underlying Reference for all the SPS Valuation Dates in such SPS Valuation Period; and

**"VWAP SPS Period Value"** means, in respect of an Underlying Reference and a SPS Valuation Period, the arithmetic average of the volume weighted average prices of such Underlying Reference on each SPS Valuation Date in the SPS Valuation Period published by the VWAP Source at the VWAP Specified Time, as determined by the Calculation Agent, acting in good faith and in a commercially reasonable manner, provided that, if, in the determination of the Calculation Agent, no such volume weighted average price can be determined in respect of an SPS Valuation Date in the SPS Valuation Period, the VWAP Value for such day shall be a value determined by the Calculation Agent acting in good faith and in a commercially reasonable manner as the volume weighted average price of such Underlying Reference for such day having regard to the then prevailing market conditions, the last published volume weighted average price and such other factors as the Calculation Agent determines relevant.

Where:

**"VWAP Specified Time"** means the time specified in the applicable Final Terms; and

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"**VWAP Source**" means the source specified as such in the applicable Final Terms.

(b) **Multi Underlying Reference Value Definitions**

"**Average Basket Value**" means, in respect of a SPS Valuation Period, the arithmetic average of the Basket Values for all the SPS Valuation Dates in such SPS Valuation Period;

"**Average Best Value**" means, in respect of a SPS Valuation Period, the arithmetic average of the Best Values for all the SPS Valuation Dates in such SPS Valuation Period;

"**Average Rainbow Value**" means, in respect of a SPS Valuation Period, the arithmetic average for all SPS Valuation Dates in such SPS Valuation Period of the relevant Rainbow Values;

"**Average Underlying Reference Volatility Hedged Value**" means, in respect of a SPS Valuation Period, the arithmetic average of the Underlying Reference Volatility Hedged Values for all the SPS Valuation Dates in such SPS Valuation Period; and

"**Average Worst Value**" means, in respect of a SPS Valuation Period, the arithmetic average of the Worst Values for all the SPS Valuation Dates in such SPS Valuation Period.

2.10 **Weighted Average Values for SPS Coupon/Premium Amount Rates, Payouts and Entitlement Amounts**

(a) **Mono Underlying Reference Value Definitions**

"**Weighted Average Underlying Reference Value**" means, in respect of an Underlying Reference and a SPS Valuation Period, the sum of the values calculated for all the SPS Valuation Dates in such SPS Valuation Period as (a) the Underlying Reference Value for such Underlying Reference for such SPS Valuation Date (b) multiplied by the relevant SPS Date Weighting.

(b) **Multi Underlying Reference Value Definitions**

"**Weighted Average Basket Value**" means, in respect of a SPS Valuation Period, the sum of the values calculated for all the SPS Valuation Dates in such SPS Valuation Period as (a) the Basket Value for such SPS Valuation Date (b) multiplied by the relevant SPS Date Weighting;

"**Weighted Average Best Value**" means, in respect of a SPS Valuation Period, the sum of the values calculated for all the SPS Valuation Dates in such SPS Valuation Period as (a) the Best Value for such SPS Valuation Date (b) multiplied by the relevant SPS Date Weighting;

"**Weighted Average Rainbow Value**" means, in respect of a SPS Valuation Period, the sum of the values calculated for all SPS Valuation Dates in such SPS Valuation Period as (a) the relevant Rainbow Values (b) multiplied by the relevant SPS Date Weighting; and

"**Weighted Average Worst Value**" means, in respect of a SPS Valuation Period, the sum of the values calculated for all the SPS Valuation Dates in such SPS Valuation Period as (a) the Worst Value for such SPS Valuation Date (b) multiplied by the relevant SPS Date Weighting.

2.11 **Minimum/Maximum Values**

Any value specified in the applicable Final Terms and used in the calculation of any SPS Coupon / Premium Amount Rate, Payout and/or Entitlement Amount or related provision may be subject to a cap of the Maximum Value and/or a floor of the Minimum Value, in each case specified in the applicable Final Terms.

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

### 2.12 General Definitions for SPS Coupon/Premium Amount Rates, Final Payouts and Entitlement Amounts

"**A<sub>(i)</sub>**" means either:

- (a) the percentage specified as such in the applicable Final Terms; or
- (b) in respect of a SPS Valuation Date, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10, in each case specified as such in the applicable Final Terms;

"**Additional Final Payout**" means each Final Payout or Divider Additional Final Payout specified as such in the applicable Final Terms for the relevant Sum Securities or Option Max Securities and if Payout FX Conversion is specified as applicable in the applicable Final Terms, converted into the Payout Currency at the Payout FX Value, in each case specified in the applicable Final Terms;

"**Additional Final Payout Weighting**" is the number, amount or percentage specified as such in the applicable Final Terms;

"**Additional Gearing**" means the percentage specified as such in the applicable Final Terms;

"**AVRG Value**" means, in respect of a SPS Valuation Date, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

"**Barrier Percentage Strike Price**" means the percentage specified as such in the applicable Final Terms;

"**Bonus Coupon**" means the percentage specified as such in the applicable Final Terms;

"**Bonus Percentage**" means the percentage specified as such in the applicable Final Terms;

"**Cap Percentage**" means the percentage specified as such in the applicable Final Terms;

"**Conditional Percentage 1**" means the percentage specified as such in the applicable Final Terms;

"**Conditional Percentage 2**" means the percentage specified as such in the applicable Final Terms;

"**Conditional Value Condition**" means that the Up Final Redemption Value for the relevant Underlying Reference for the relevant SPS Valuation Date is (a) greater than, (b) less than, (c) equal to or greater than or (d) less than or equal to, as specified in the applicable Final Terms, the Conditional Value Level;

"**Conditional Value Level**" means the percentage, amount or number specified as such in the applicable Final Terms;

"**Constant Percentage 1**" means the percentage specified as such in the applicable Final Terms;

"**Constant Percentage 2**" means the percentage specified as such in the applicable Final Terms;

"**Constant Percentage 3**" means the percentage specified as such in the applicable Final Terms;

"**Constant Percentage 4**" means the percentage specified as such in the applicable Final Terms;

"**Count Barrier**" means the level, amount, number or percentage specified as such in the applicable Final Terms;

"**Coupon Airbag Percentage**" means the percentage specified as such in the applicable Final Terms;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Coupon Airbag Percentage 1"** means the percentage specified as such in the applicable Final Terms;

**"Coupon Airbag Percentage 2"** means the percentage specified as such in the applicable Final Terms;

**"DCF"** means the number specified as such in the applicable Final Terms.

**"Divider Additional Final Payout"** means a value equal to 1 divided by the relevant Final Payout, as specified in the applicable Final Terms;

**"Divider Final Redemption Value"** means, in respect of a SPS Redemption Valuation Date, 1 divided by the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified in the applicable Final Terms;

**"Down Cap Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Down Final Redemption Value"** means, in respect of a SPS Redemption Valuation Date, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

**"Down Floor Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Down Strike Percentage"** means the percentage specified as such in the applicable Final Terms;

**"EDS Barrier Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Euro Fund Gearing"** means, in respect of a SPS Valuation Date, the percentage or number specified in the applicable Final Terms;

**"Final Redemption Condition"** means that:

- (a) the FR Barrier Value for the relevant SPS FR Barrier Valuation Date or SPS FR Barrier Valuation Period is (a) greater than, (b) less than, (c) equal to or greater than or (d) less than or equal to, as specified in the applicable Final Terms, the Final Redemption Condition Level (the **"Final Redemption Condition 1"**); and/or (as specified in the applicable Final Terms)
- (b) the FR Barrier Value 2 for the relevant SPS FR Barrier Valuation Date or SPS FR Barrier Valuation Period is (a) greater than, (b) less than, (c) equal to or greater than or (d) less than or equal to, as specified in the applicable Final Terms, the Final Redemption Condition Level 2 (the **"Final Redemption Condition 2"**);

**"Final Redemption Value"** means, in respect of a SPS Redemption Valuation Date, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms or the Divider Final Redemption Value, as specified in the applicable Final Terms;

**"Floor Percentage"** means the percentage specified as such in the applicable Final Terms;

**"FR Barrier Value"** means, in respect of a SPS FR Barrier Valuation Date or SPS FR Barrier Valuation Period, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

**"FR Barrier Value 2"** means, in respect of a SPS FR Barrier Valuation Date or SPS FR Barrier Valuation Period, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

**"Gear Down"** means the percentage specified as such in the applicable Final Terms;

**"Gear Up 1"** means the percentage specified as such in the applicable Final Terms;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Gear Up 2"** means the percentage specified as such in the applicable Final Terms;

**"Gearing"** means the percentage specified as such in the applicable Final Terms or the Euro Fund Gearing, as specified in the applicable Final Terms;

**"Gearing Down"** means the percentage specified as such in the applicable Final Terms;

**"Gearing Up"** means the percentage specified as such in the applicable Final Terms;

**"Global Floor Percentage"** means the percentage specified as such in the applicable Final Terms;

**"i"** means the relevant SPS Valuation Date or SPS Valuation Period;

**"I"** means the total number of SPS Valuation Dates in the relevant SPS Valuation Period;

**"j"** means the relevant Strike Date;

**"k"** means the relevant Underlying Reference;

**"K"** means the total number of Underlying References in the Basket;

**"Local Cap Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Local Floor Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Loss Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Lower Conditional Value"** means either (a) Conditional Percentage 2 or (b) the Down Final Redemption Value, as specified in the applicable Final Terms;

**"m"** means the relevant SPS Valuation Date or SPS Valuation Period;

**"M"** means a series of SPS Valuation Dates or SPS Valuation Periods;

**"Min Coupon"** means the percentage specified as such in the applicable Final Terms;

**"NA"** means the Notional Amount;

**"nEnd days"** has the meaning given it in the applicable Final Terms;

**"nStart days"** has the meaning given it in the applicable Final Terms;

**"Payout Currency"** means the currency specified as such in the applicable Final Terms;

**"Payout FX Closing Price Value"** means the rate of exchange between the currencies (including any rates of exchange pursuant to which the relevant rate of exchange is derived) and determined from the source(s) and at the time, in each case specified in the applicable Final Terms for such Payout Currency on the Payout FX Rate Date;

**"Payout FX Rate Date"** means the date specified as such in the applicable Final Terms;

**"Payout FX Rate Strike Date"** means the date specified as such in the applicable Final Terms;

**"Payout FX Strike Closing Price Value"** means (i) the rate of exchange between the currencies (including any rates of exchange pursuant to which the relevant rate of exchange is derived) and determined from the source(s) and at the time, in each case specified in the applicable Final Terms on

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

the Payout FX Rate Strike Date or (ii) the rate of exchange specified in the applicable Final Terms, as specified in the applicable Final Terms.

**"Payout FX Value"** means, in respect of a Payout Currency (a) the Payout FX Closing Price Value divided by (b) the Payout FX Strike Closing Price Value;

**"q"** means the relevant Observation Date or SPS Valuation Date;

**"Q"** is a series of SPS Valuation Dates in SPS Valuation Period<sub>(i)</sub> or Calculation Period<sub>(i)</sub>;

**"Redemption Payout"** means the Final Payout in specified in the applicable Final Terms;

**"SPS Date Weighting"** means, in respect of an SPS Valuation Date, the number, amount or percentage specified as such for such date in the applicable Final Terms;

**"SPS Redemption Valuation Date"** means each Underlying Interest Determination Date, Euro Fund Business Day, Averaging Date, Valuation Date, Pricing Date and/or Settlement Price Date specified as such in the applicable Final Terms;

**"SPS Redemption Valuation Period"** means each period specified as such in the applicable Final Terms;

**"SPS Valuation Date"** means each SPS Coupon Valuation Date, SPS Redemption Valuation Date, SPS ER Valuation Date, SPS FR Valuation Date, SPS FR Barrier Valuation Date, Knock-in Determination Day, Knock-out Determination Day, SPS EndDay Valuation Date, SPS StartDay Valuation Date, SPS Call Valuation Date, SPS Put Valuation Date, SPS ACS Valuation Date, SPS APS Valuation Date, SPS AR Valuation Date, Automatic Early Redemption Valuation Date, ACT Day, Range Accrual Valuation Date, Strike Day, Strike Date, AER Accumulator Valuation Date, Accumulator Valuation Date, SPS Transition Valuation Date or SPS ER Transition Valuation Date specified as such in the applicable Final Terms;

**"SPS Valuation Period"** means each SPS ER Valuation Period, SPS Coupon Valuation Period, SPS FR Barrier Valuation Period, SPS Call Valuation Period, SPS Put Valuation Period, Automatic Early Redemption Valuation Period, SPS FR Valuation Period, SPS Redemption Valuation Period, Knock-in Determination Period, Knock-out Determination Period, SPS ACS Valuation Period, SPS APS Valuation Period, SPS AR Valuation Period, Strike Period, Range Accrual Observation Period, AER Accumulator Period, Accumulator Period, SPS Transition Valuation Period or SPS ER Transition Valuation Period, specified in the applicable Final Terms;

**"Strike Percentage"** means the percentage specified as such in the applicable Final Terms;

**"T"** means the relevant Observation Date or SPS Valuation Date;

**"Total M"** means the number specified as such in the applicable Final Terms;

**"Underlying Reference"** means, for the purposes of the SPS Payouts, Coupon/Premium Amount Rates and Entitlement Amounts, each Index, Share, ETI, Debt Instrument, Commodity, Commodity Index, Fund, Fund Index, Underlying Interest Rate, Inflation Index, Subject Currency or Future or other basis of reference to which the relevant Securities relate;

**"Underlying Reference Weighting"** means, in respect of an Underlying Reference, the number, amount or percentage specified as such for such Underlying Reference in the applicable Final Terms.

**"Up Cap Percentage"** means the percentage specified as such in the applicable Final Terms;



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

"**Up Final Redemption Value**" means, in respect of a SPS Redemption Valuation Date, the value from Payout Conditions 2.6, 2.7, 2.8, 2.9 or 2.10 specified as such in the applicable Final Terms;

"**Up Floor Percentage**" means the percentage specified as such in the applicable Final Terms;

"**Up Strike Percentage**" means the percentage specified as such in the applicable Final Terms; and

"**Upper Conditional Value**" means either (a) Conditional Percentage 1 or (b) the Final Redemption Value, as specified in the applicable Final Terms.

### 3. FIXED INCOME COUPON/PREMIUM AMOUNT RATES AND PAYOUTS

#### 3.1 Fixed Income Coupon/Premium Amount Rates

The following Coupon Rate(s) or Premium Amount Rate will apply to the Securities if specified in the applicable Final Terms:

(a) **FX Vanilla Coupon**

If FX Vanilla Coupon is specified as applicable in the applicable Final Terms:

$\text{Min}(\text{Global Cap A}, \text{Max}(\text{Global Floor A}, \text{Gearing A} \times \text{FX Coupon Performance}))$

(b) **FI Digital Coupon**

If FI Digital Coupon is specified as applicable in the applicable Final Terms:

- (i) if the FI Digital Coupon Condition is satisfied in respect of the relevant FI Interest Valuation Date:

$$\text{Min}\left(\text{Global Cap A}, \text{Max}\left(\text{Global Floor A}, \left(\sum_{i=1}^n \text{Gearing A}_{(i)} \times \text{FI Rate A}_{(i)}\right) + \text{Constant A}\right)\right); \text{or}$$

- (ii) if the FI Digital Coupon Condition is not satisfied in respect of the relevant FI Interest Valuation Date:

$$\text{Min}\left(\text{Global Cap B}, \text{Max}\left(\text{Global Floor B}, \left(\sum_{i=1}^n \text{Gearing B}_{(i)} \times \text{FI Rate B}_{(i)}\right) + \text{Constant B}\right)\right)$$

(c) **FX Digital Coupon**

If FX Digital Coupon is specified as applicable in the applicable Final Terms:

- (i) if the FI Digital Coupon Condition is satisfied in respect of the relevant FI Interest Valuation Date:

$$\text{Min}(\text{Global Cap A}, \text{Max}(\text{Global Floor A}, \text{Gearing A} \times \text{FX Coupon Performance}))$$

; or

- (ii) if the FI Digital Coupon Condition is not satisfied in respect of the relevant FI Interest Valuation Date:

$$\text{Min}(\text{Global Cap B}, \text{Max}(\text{Global Floor B}, \text{Gearing B} \times \text{FX Coupon Performance}))$$

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

(d) **Range Accrual Coupon**

If Range Accrual Coupon is specified as applicable in the applicable Final Terms:

$$\text{Min} \left\{ \text{Global Cap}, \text{Max} \left( \text{Global Floor}, \text{Min} \left[ \text{Local Cap}, \text{Max} \left( \text{Local Floor}, \text{Global Margin} + \sum_{i=1}^n \text{Gearing}_{(i)} \times \text{FI Rate}_{(i)} \right) \right] \times \frac{n}{N} \right) \right\}$$

Where:

"n" is the number of Range Accrual Days in the relevant Range Period on which the Range Accrual Coupon Condition is satisfied; and

"N" is the number of Range Accrual Days in the relevant Range Period.

If Deemed Range Accrual is specified as applicable in the applicable Final Terms, the FI DC Barrier Value for each Range Accrual Day in the period from (and including) the Range Cut-off Date to (and including) the Range Period End Date will be deemed to be the FI DC Barrier Value on the Range Cut-off Date.

(e) **FX Range Accrual Coupon**

If FX Range Accrual Coupon is specified as applicable in the applicable Final Terms:

$$\text{Min} (\text{GlobalCap}, \text{Max} (\text{Global Floor}, \text{FI Rate} \times n/N))$$

Where:

"n" is the number of Range Accrual Days in the relevant Range Period on which the Range Accrual Coupon Condition is satisfied; and

"N" is the number of Range Accrual Days in the relevant Range Period.

If Deemed Range Accrual is specified as applicable in the applicable Final Terms, the FI DC Barrier Value or FX Coupon Performance, as applicable, for each Range Accrual Day in the period from (and including) the Range Cut-off Date to (and including) the Range Period End Date will be deemed to be the FI DC Barrier Value or FX Coupon Performance, as applicable, on the Range Cut-off Date.

(f) **FX Memory Coupon**

If FX Memory Coupon is specified as applicable in the applicable Final Terms:

- (i) if the FI Digital Coupon Condition is satisfied in respect of the relevant FI Interest Valuation Date:

FI Rate A – Paid FX Memory Coupons; or

- (ii) if the FI Digital Coupon Condition is not satisfied in respect of the relevant FI Interest Valuation Date:

FI Rate B

Where:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Current FX Memory Coupon Interest Period"** means, in respect of a FI Interest Valuation Date, the Interest Period ending on or immediately prior to such FI Interest Valuation Date.

**"Paid FX Memory Coupons"** means, in respect of a FI Interest Valuation Date, the sum of the values calculated for each Interest Period as the product of (i) the Rate of Interest and (ii) the Day Count Fraction, in each case calculated for each Interest Period preceding the Current FX Memory Coupon Interest Period.

### (g) **Combination Floater Coupon**

If Combination Floater is specified as applicable in the applicable Final Terms:

$$\text{Min}\left\{Global\ Cap, \text{Max}\left(Global\ Floor, \text{Min}\left(Local\ Cap, \text{Max}\left(Local\ Floor, Global\ Margin + \sum_{i=1}^n Gearing_i \times FI\ Rate_i\right)\right)\right)\right\}.$$

### (h) **PRDC Coupon**

If PRDC Coupon is specified as applicable in the applicable Final Terms:

(i) if Knock-in Event is specified as applicable in the applicable Final Terms:

(A) if no Knock-in Event has occurred, 0 (zero); or

(B) if a Knock-in Event has occurred:

Min (Cap, Max (Floor, (Coupon Percentage 1 x PRDC Performance) - Coupon Percentage 2));

(ii) if Knock-in Event is not specified as applicable in the applicable Final Terms:

Min (Cap, Max (Floor, (Coupon Percentage 1 x PRDC Performance) - Coupon Percentage 2));

(iii) if Knock-in Event and Knock-out Event are specified as applicable in the applicable Final Terms:

(A) if a Knock-in Event has occurred but a Knock-out Event has not occurred:

Min (Cap, Max (Floor, (Coupon Percentage 1 x PRDC Performance) - Coupon Percentage 2));

(B) if (a) a Knock-in Event and a Knock-out Event have occurred or (b) a Knock-out Event has occurred, 0 (zero);

Where:

**"PRDC Performance"** means the quotient of the Final Settlement Price (as numerator) and the Initial Settlement Price (as denominator).

### (i) **FI Digital Floor Coupon**

If FI Digital Floor Coupon is specified as applicable in the applicable Final Terms:

(i) if Knock-in Event is specified as applicable in the applicable Final Terms:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (A) if no Knock-in Event has occurred, 0 (zero);
  - (B) if a Knock-in Event has occurred and the FI Digital Floor Condition is satisfied in respect of the relevant FI Interest Valuation Date:  
Digital Floor Percentage 1; or
  - (C) if a Knock-in Event has occurred and the FI Digital Floor Condition is not satisfied in respect of the relevant FI Interest Valuation Date:  
Digital Floor Percentage 2.
- (ii) if Knock-in Event is not specified as applicable in the applicable Final Terms:
- (A) if the FI Digital Floor Condition is satisfied in respect of the relevant FI Interest Valuation Date:  
Digital Floor Percentage 1; or
  - (B) if the FI Digital Floor Condition is not satisfied in respect of the relevant FI Interest Valuation Date:  
Digital Floor Percentage 2; or
- (iii) if Knock-in Event and Knock-out Event are specified as applicable in the applicable Final Terms:
- (A) if no Knock-in Event has occurred, 0 (zero); or
  - (B) if a Knock-in Event has occurred but a Knock-out Event has not occurred and the FI Digital Floor Condition is satisfied in respect of the relevant FI Interest Valuation Date:  
Digital Floor Percentage 1; or
  - (C) in all other cases:  
Digital Floor Percentage 2.
- (j) **FI Digital Cap Coupon**
- If FI Digital Cap Coupon is specified as applicable in the applicable Final Terms:
- (i) if Knock-in Event is specified as applicable in the applicable Final Terms:
- (A) if no Knock-in Event has occurred, 0 (zero);
  - (B) if a Knock-in Event has occurred and the FI Digital Cap Condition is satisfied in respect of the relevant FI Interest Valuation Date:  
Digital Cap Percentage 1; or
  - (C) if a Knock-in Event has occurred and the FI Digital Cap Condition is not satisfied in respect of the relevant FI Interest Valuation Date:  
Digital Cap Percentage 2; or

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (ii) if Knock-in Event is not specified as applicable in the applicable Final Terms:
  - (A) if the FI Digital Cap Condition is satisfied in respect of the relevant FI Interest Valuation Date:  
  
Digital Cap Percentage 1; or
  - (B) if the FI Digital Cap Condition is not satisfied in respect of the relevant FI Interest Valuation Date:  
  
Digital Cap Percentage 2; or
- (iii) if Knock-in Event and Knock-out Event are specified as applicable in the applicable Final Terms:
  - (A) if no Knock-in Event has occurred, 0 (zero); or
  - (B) if a Knock-in Event has occurred but a Knock-out Event has not occurred and the FI Digital Cap Condition is satisfied in respect of the relevant FI Interest Valuation Date:  
  
Digital Cap Percentage 1; or
  - (C) in all other cases:  
  
Digital Cap Percentage 2.

(k) **FI Target Coupon**

If FI Target Coupon is specified as applicable in the applicable Final Terms and an Automatic Early Redemption Event has not occurred, the Coupon Rate or Premium Amount Rate, as applicable in respect of the Target Final Interest Period shall be the Final Interest Rate specified in the applicable Final Terms.

(l) **Duration Adjusted Coupon**

If Duration Adjusted Coupon is specified as applicable in the applicable Final Terms:

$$\text{Constant Percentage} + \text{Max}(0, \text{Rate}_{(i)} + \text{Spread}_{(i)}) \times \frac{(1 - (1 + \text{Rate}_{(i)})^{-N})}{\text{Rate}_{(i)}} / N$$

### 3.2 Definitions for Fixed Income Coupon Rates

"**Cap**" means the percentage specified as such in the applicable Final Terms;

"**Constant A**" means the percentage specified as such in the applicable Final Terms;

"**Constant B**" means the percentage specified as such in the applicable Final Terms;

"**Constant Percentage**" means the percentage specified as such in the applicable Final Terms;

"**Coupon Percentage 1**" means the percentage specified as such in the applicable Final Terms;

"**Coupon Percentage 2**" means the percentage specified as such in the applicable Final Terms;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"FI Basket 1"** means the basket of Subject Currencies specified as such in the applicable Final Terms;

**"FI Basket 2"** means the basket of Subject Currencies specified as such in the applicable Final Terms;

**"FI DC Barrier Value"** means, in respect of a FI Interest Valuation Date and an Underlying Reference, the Underlying Reference Closing Value for such Underlying Reference;

**"FI Digital Coupon Condition"** means:

- (a) (A) if FI Basket 1 is specified as not applicable in the applicable Final Terms, that the FI DC Barrier Value for Underlying Reference 1 for the relevant FI Interest Valuation Date is or (B) if FI Basket 1 is specified as applicable in the applicable Final Terms, the FX Coupon Performance for FI Basket 1 for the relevant FI Interest Valuation Date is (i)(a) greater than, (b) less than, (c) equal to or greater than or (d) less than or equal to, as specified in the applicable Final Terms, the FI Upper Barrier Level and (ii) if a FI Lower Barrier Level is specified in the applicable Final Terms, (a) greater than, (b) less than, (c) equal to or greater than or (d) less than or equal to, as specified in the applicable Final Terms, the FI Lower Barrier Level; and/or
- (b) if FI Digital Coupon Condition 2 is specified as applicable in the applicable Final Terms, (A) if FI Basket 2 is specified as not applicable in the applicable Final Terms that the FI DC Barrier Value for Underlying Reference 2 for the relevant FI Interest Valuation Date is or (B) if FI Basket 2 is specified as applicable in the applicable Final Terms, the FX Coupon Performance for FI Basket 2 for the relevant FI Interest Valuation Date is (i)(a) greater than, (b) less than, (c) equal to or greater than or (d) less than or equal to, as specified in the applicable Final Terms, the FI Upper Barrier Level 2 and (ii) if a FI Lower Barrier Level 2 is specified in the applicable Final Terms, (a) greater than, (b) less than, (c) equal to or greater than or (d) less than or equal to, as specified in the applicable Final Terms, the FI Lower Barrier Level 2;

**"FI Interest Valuation Date"** means each Underlying Interest Determination Date, Interest Determination Date, Pricing Date, Averaging Date, Valuation Date, Interest Valuation Date and/or Settlement Price Date specified as such in the applicable Final Terms or each Range Accrual Day;

**"FI Lower Barrier Level"** means the number, level or percentage specified as such in the applicable Final Terms;

**"FI Lower Barrier Level 2"** means the number, level or percentage specified as such in the applicable Final Terms;

**"FI Rate"** means the Rate or Inflation Rate as specified in the applicable Final Terms;

**"FI Rate A"** means the Rate or Inflation Rate as specified in the applicable Final Terms;

**"FI Rate B"** means the Rate or Inflation Rate as specified in the applicable Final Terms;

**"FI Upper Barrier Level"** means the number, level or percentage specified as such in the applicable Final Terms;

**"FI Upper Barrier Level 2"** means the number, level or percentage specified as such in the applicable Final Terms;

**"Floor"** means the percentage specified as such in the applicable Final Terms;

**"FX Coupon Performance"** means, in respect of an FI Interest Valuation Date:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (a) in the case of Securities relating to a single Subject Currency, the FX Coupon Performance Value;
- (b) if Weighted Basket is specified as applicable in the applicable Final Terms, the sum of the values calculated for each Subject Currency in the Relevant Basket as (a) the FX Coupon Performance Value for the relevant Subject Currency for such FI Interest Valuation Date (b) multiplied by the relevant FX Weighting;
- (c) if Best Of Weighted Basket is specified as applicable in the applicable Final Terms, the highest FX Coupon Performance Value of any Subject Currency in the Relevant Basket in respect of such FI Interest Valuation Date;
- (d) if Worst Of Weighted Basket is specified as applicable in the applicable Final Terms, the lowest FX Coupon Performance Value of any Subject Currency in the Relevant Basket in respect of such FI Interest Valuation Date;
- (e) if Multi Basket is specified as applicable in the Final Terms:

$$\sum_{j=1}^m \sum_{i=1}^n G_j \times (W_i \times \text{FX Coupon Performance Value})$$

Where:

"G" means, in respect of a basket of Subject Currencies, the percentage specified as such for such basket of Subject Currencies in the applicable Final Terms;

"W" means, in respect of a Subject Currency, the FX Weighting for such Subject Currency; or

- (f) if Ranked Basket is specified as applicable in the applicable Final Terms, the sum of the values calculated for each Subject/Base Currency in the Relevant Basket as (a) the FX Coupon Ranked Value for the relevant Subject Currency for such FI Interest Valuation Date multiplied by (b) the relevant FX Weighting;

**"FX Coupon Performance Value"** means, in respect of an FI Interest Valuation Date and a Subject Currency:

- (a) if FX Performance Coupon 1 is specified in the applicable Final Terms,  
FX Final Interest Settlement Price – FX Initial Interest Settlement Price;
- (b) if FX Performance Coupon 2 is specified in the applicable Final Terms,  
FX Initial Interest Settlement Price – FX Final Interest Settlement Price;
- (c) if FX Performance Coupon 3 is specified in the applicable Final Terms,  
$$\frac{(\text{FX Final Interest Settlement Price} - \text{FX Initial Interest Settlement Price})}{\text{FX Final Interest Settlement Price}};$$
- (d) if FX Performance Coupon 4 is specified in the applicable Final Terms,  
$$\frac{(\text{FX Initial Interest Settlement Price} - \text{FX Final Interest Settlement Price})}{\text{FX Final Interest Settlement Price}};$$

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (e) if FX Performance Coupon 5 is specified in the applicable Final Terms,

$$\left( \frac{1}{\text{FX Initial Interest Settlement Price}} \right) - \left( \frac{1}{\text{FX Final Interest Settlement Price}} \right);$$

- (f) if FX Performance Coupon 6 is specified in the applicable Final Terms,

$$\left( \frac{1}{\text{FX Final Interest Settlement Price}} \right) - \left( \frac{1}{\text{FX Initial Interest Settlement Price}} \right);$$

- (g) if FX Performance Coupon 7 is specified in the applicable Final Terms,

$$\frac{(\text{FX Final Interest Settlement Price} - \text{FX Initial Interest Settlement Price})}{\text{FX Initial Interest Settlement Price}};$$

- (h) if FX Performance Coupon 8 is specified in the applicable Final Terms,

$$\frac{(\text{FX Initial Interest Settlement Price} - \text{FX Final Interest Settlement Price})}{\text{FX Initial Interest Settlement Price}};$$

- (i) if FX Performance Coupon 9 is specified in the applicable Final Terms,

$$\frac{\text{FX Final Interest Settlement Price}}{\text{FX Initial Interest Settlement Price}};$$

- (j) if FX Performance Coupon 10 is specified in the applicable Final Terms,

$$\frac{\text{FX Initial Interest Settlement Price}}{\text{FX Final Interest Settlement Price}}.$$

**"FX Coupon Ranked Value"** means, in respect of an FI Interest Valuation Date, the FX Coupon Performance Value in respect of the Subject/Base Currency with the FX Coupon Ranking in respect of such FI Interest Valuation Date set out in the applicable Final Terms;

**"FX Coupon Ranking"** means, in respect of an FI Interest Valuation Date, the ordinal positioning of each Subject/Base Currency by FX Coupon Performance Value from lowest FX Coupon Performance Value to greatest FX Coupon Performance Value in respect of such FI Interest Valuation Date

**"FX Final Interest Settlement Price"** means, in respect of a Subject/Base Currency, (i) if Averaging is specified as not applicable in the applicable Final Terms, the Settlement Price on the relevant FI Interest Valuation Date, (ii) if Averaging is specified as applicable in the applicable Final Terms, the arithmetic average of the Settlement Prices for all Averaging Dates in respect of the relevant FI Interest Valuation Date, (iii) if Highest Look Back is specified as applicable in the applicable Final Terms, the highest Settlement Price for such Subject/Base Currency for all Averaging Dates in respect of the relevant FI Interest Valuation Date or (iv) if Lowest Look Back is specified as applicable in the applicable Final Terms, the lowest Settlement Price for such Subject/Base Currency for all Averaging Dates in respect of the relevant FI Interest Valuation Date;

**"FX Initial Interest Settlement Price"** means, in respect of a Subject Currency:



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (a) the amount specified as such in the applicable Final Terms; or
- (b) if Initial Closing Value is specified as applicable in the applicable Final Terms, the Settlement Price for such Subject Currency on the Strike Date; or
- (c) if Initial Average Value is specified as applicable in the applicable Final Terms, the arithmetic average of the Settlement Prices for such Subject Currency for all the Strike Days in the Strike Period; or
- (d) if Highest Look Back Value is specified as applicable in the applicable Final Terms, the highest Settlement Price for such Subject Currency for all the Strike Days in the Strike Period; or
- (e) if Lowest Look Back Value is specified as applicable in the applicable Final Terms, the lowest Settlement Price for such Subject Currency for all the Strike Days in the Strike Period.

**"Gearing A"** means the percentage specified as such in the applicable Final Terms;

**"Gearing B"** means the percentage specified as such in the applicable Final Terms;

**"Global Cap"** means the percentage specified as such in the applicable Final Terms;

**"Global Cap A"** means the percentage specified as such in the applicable Final Terms;

**"Global Cap B"** means the percentage specified as such in the applicable Final Terms;

**"Global Floor"** means the percentage specified as such in the applicable Final Terms;

**"Global Floor A"** means the percentage specified as such in the applicable Final Terms;

**"Global Floor B"** means the percentage specified as such in the applicable Final Terms;

**"Global Margin"** means the percentage specified as such in the applicable Final Terms;

**"Local Cap"** means the percentage specified as such in the applicable Final Terms;

**"Local Floor"** means the percentage specified as such in the applicable Final Terms;

**"Multiple Underlying Interest Rate Gearing"** means, in respect of an Underlying Interest Rate<sub>(i)</sub> specified in the applicable Final Terms as a Multiple Underlying Component Rate, the number specified as such in the applicable Final Terms;

**"Multiple Underlying Reference Rate"** means, in respect of an Underlying Interest Rate<sub>(i)</sub> specified in the applicable Final Terms as a Multiple Underlying Component Rate, the Underlying Reference Rate determined in respect of such Underlying Interest Rate.

**"N"** means the number specified as such in the applicable Final Terms;

**"Range Accrual Coupon Barrier Level Down"** means the number, level or percentage specified as such in the applicable Final Terms;

**"Range Accrual Coupon Barrier Level Down 2"** means the number, level or percentage specified as such in the applicable Final Terms;

**"Range Accrual Coupon Barrier Level Up"** means the number, level or percentage specified as such in the applicable Final Terms;

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Range Accrual Coupon Barrier Level Up 2"** means the number, level or percentage specified as such in the applicable Final Terms;

**"Range Accrual Coupon Condition"** means:

- (a) (A) if FI Basket 1 is specified as not applicable in the applicable Final Terms, that the FI DC Barrier Value for Underlying Reference 1 for the relevant Range Accrual Day is or (B) if FI Basket 1 is specified as applicable in the applicable Final Terms, the FX Coupon Performance for FI Basket 1 for the relevant FI Interest Valuation Date is (a)(i) greater than, (ii) less than, (iii) equal to or greater than or (iv) less than or equal to, as specified in the applicable Final Terms, the relevant Range Accrual Coupon Barrier Level Down and (b) if a Range Accrual Coupon Barrier Level Up is specified in the applicable Final Terms, (i) greater than, (ii) less than, (iii) equal to or greater than or (iv) less than or equal to, as specified in the applicable Final Terms, the relevant Range Accrual Coupon Barrier Level Up; and/or
- (b) if Range Accrual Coupon Condition 2 is specified as applicable in the applicable Final Terms (A) if FI Basket 2 is specified as not applicable in the applicable Final Terms, that the FI DC Barrier Value for Underlying Reference 2 for the relevant Range Accrual Day is or (B) if FI Basket 2 is specified as applicable in the applicable Final Terms, the FX Coupon Performance for FI Basket 2 for the relevant FI Interest Valuation Date is (a)(i) greater than, (ii) less than, (iii) equal to or greater than or (iv) less than or equal to, as specified in the applicable Final Terms, the relevant Range Accrual Coupon Barrier Level Down 2 and (b) if a Range Accrual Coupon Barrier Level Up 2 is specified in the applicable Final Terms, (ii) greater than, (ii) less than, (iii) equal to or greater than or (iv) less than or equal to, as specified in the applicable Final Terms, the relevant Range Accrual Coupon Barrier Level Up 2;

**"Range Accrual Day"** means a Scheduled Trading Day, Business Day, Commodity Business Day, Underlying Interest Determination Date, Hybrid Business Day or calendar day, as specified in the applicable Final Terms;

**"Range Cut-off Date"** means the date specified as such in the applicable Final Terms;

**"Range Period"** means the period specified as such in the applicable Final Terms;

**"Range Period End Date"** means the date specified as such in the applicable Final Terms;

**"Rate"** means, in respect of a FI Interest Valuation Date, the fixed rate specified in or the floating rate calculated as provided in, the applicable Final Terms;

**"Relevant Basket"** means FI Basket 1 or FI Basket 2, as applicable;

**"Spread<sub>(i)</sub>"** means the percentage specified as such in the applicable Final Terms;

**"Target Coupon Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Target Determination Date"** means each date specified as such in the applicable Final Terms;

**"Target Final Interest Period"** means the Interest Period ending on the Redemption Date; and

**"YoY Inflation Rate"** means  $[\text{Inflation Index}_{(i)} / \text{Inflation Index}_{(i-1)}] - 1$ .

### 3.3 Fixed Income Final Payouts

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

The following final payouts which when multiplied by the applicable NA (each a "**Final Payout**") will apply to the Securities if specified in the applicable Final Terms.

(a) **FI FX Vanilla Securities**

If the Securities are specified in the applicable Final Terms as being FI FX Vanilla Securities:

- (i) if Knock-in Event is specified as applicable in the applicable Final Terms:
  - (A) if no Knock-in Event has occurred, FI Constant Percentage 1; or
  - (B) if a Knock-in Event has occurred:  
  
FI Constant Percentage 1 + (Gearing x Option);
- (ii) if Knock-in Event is not specified as applicable in the applicable Final Terms:  
  
FI Constant Percentage 1 + (Gearing x Option);
- (iii) if Knock-in Event and Knock-out Event are specified as applicable in the applicable Final Terms:
  - (A) if a Knock-in Event has occurred but a Knock-out Event has not occurred:  
  
FI Constant Percentage 1 + (Gearing x Option);
  - (B) if (a) a Knock-in Event and a Knock-out Event have occurred or (b) a Knock-out Event has occurred, FI Constant Percentage 1.

Where:

"Option" means Max (Performance Value, Floor);

(b) **FI Digital Floor Securities**

If the Securities are specified in the applicable Final Terms as being FI Digital Floor Securities:

- (i) if Knock-in Event is specified as applicable in the applicable Final Terms:
  - (A) if no Knock-in Event has occurred, FI Constant Percentage 1;
  - (B) if a Knock-in Event has occurred and the FI Digital Floor Condition is satisfied in respect of the relevant FI Redemption Valuation Date:  
  
FI Constant Percentage 1 + Digital Floor Percentage 1; or
  - (C) if a Knock-in Event has occurred and the FI Digital Floor Condition is not satisfied in respect of the relevant FI Redemption Valuation Date:  
  
FI Constant Percentage 1 + Digital Floor Percentage 2.
- (ii) if Knock-in Event is not specified as applicable in the applicable Final Terms:
  - (A) if the FI Digital Floor Condition is satisfied in respect of the relevant FI Redemption Valuation Date:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

FI Constant Percentage 1 + Digital Floor Percentage 1; or

- (B) if the FI Digital Floor Condition is not satisfied in respect of the relevant FI Redemption Valuation Date:

FI Constant Percentage 1 + Digital Floor Percentage 2; or

- (iii) if Knock-in Event and Knock-out Event are specified as applicable in the applicable Final Terms:

- (A) if no Knock-in Event has occurred, FI Constant Percentage 1; or

- (B) if a Knock-in Event has occurred but a Knock-out Event has not occurred and the FI Digital Floor Condition is satisfied in respect of the relevant FI Redemption Valuation Date:

FI Constant Percentage 1 + Digital Floor Percentage 1; or

- (C) in all other cases:

FI Constant Percentage 1 + Digital Floor Percentage 2.

### (c) **FI Digital Cap Securities**

If the Securities are specified in the applicable Final Terms as being FI Digital Cap Securities:

- (i) if Knock-in Event is specified as applicable in the applicable Final Terms:

- (A) if no Knock-in Event has occurred, FI Constant Percentage 1;

- (B) if a Knock-in Event has occurred and the FI Digital Cap Condition is satisfied in respect of the relevant FI Redemption Valuation Date:

FI Constant Percentage 1 + Digital Cap Percentage 1; or

- (C) if a Knock-in Event has occurred and the FI Digital Cap Condition is not satisfied in respect of the relevant FI Redemption Valuation Date:

FI Constant Percentage 1 + Digital Cap Percentage 2; or

- (ii) if Knock-in Event is not specified as applicable in the applicable Final Terms:

- (A) if the FI Digital Cap Condition is satisfied in respect of the relevant FI Redemption Valuation Date:

FI Constant Percentage 1 + Digital Cap Percentage 1; or

- (B) if the FI Digital Cap Condition is not satisfied in respect of the relevant FI Redemption Valuation Date:

FI Constant Percentage 1 + Digital Cap Percentage 2; or

- (iii) if Knock-in Event and Knock-out Event are specified as applicable in the applicable Final Terms:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (A) if no Knock-in Event has occurred, FI Constant Percentage 1; or
- (B) if a Knock-in Event has occurred but a Knock-out Event has not occurred and the FI Digital Cap Condition is satisfied in respect of the relevant FI Redemption Valuation Date:

FI Constant Percentage 1 + Digital Cap Percentage 1; or

- (C) in all other cases:

FI Constant Percentage 1 + Digital Cap Percentage 2.

### (d) **FI Digital Plus Securities**

If the Securities are specified in the applicable Final Terms as being FI Digital Plus Securities:

- (i) if Knock-in Event is specified as applicable in the applicable Final Terms:

- (A) if, irrespective of whether a Knock-in Event has or has not occurred, the FI Digital Plus Condition is satisfied in respect of the relevant FI Redemption Valuation Date:

FI Constant Percentage 1 + Max (Digital Plus Percentage 1, (Gearing A x FI Digital Value)); or

- (B) if no Knock-in Event has occurred and the FI Digital Plus Condition is not satisfied in respect of the relevant FI Redemption Valuation Date:

FI Constant Percentage 1; or

- (C) if a Knock-in Event has occurred and the FI Digital Plus Condition is not satisfied in respect of the relevant FI Redemption Valuation Date:

FI Constant Percentage 1 + Min (Digital Plus Percentage 2, Max ((Gearing B x FI Digital Value), FI Digital Floor Percentage));

- (ii) if Knock-in Event is not specified as applicable in the applicable Final Terms:

- (A) if the FI Digital Plus Condition is satisfied in respect of the relevant FI Redemption Valuation Date:

FI Constant Percentage 1 + Max (Digital Plus Percentage 1, (Gearing A x FI Digital Value)); or

- (B) if the FI Digital Plus Condition is not satisfied in respect of the relevant FI Redemption Valuation Date:

FI Constant Percentage 1 + Min (Digital Plus Percentage 2, Max ((Gearing B x FI Digital Value), FI Digital Floor Percentage));

- (iii) if Knock-in Event and Knock-out Event are specified as applicable in the applicable Final Terms:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (A) irrespective of whether a Knock-in Event and/or Knock-out Event has occurred, if the FI Digital Plus Condition is satisfied in respect of the relevant FI Redemption Valuation Date:

FI Constant Percentage 1 + Max (Digital Plus Percentage 1, (Gearing A x FI Digital Value)); or

- (B) if a Knock-in Event has occurred but a Knock-out Event has not occurred and the FI Digital Plus Condition is not satisfied in respect of the relevant FI Redemption Valuation Date:

FI Constant Percentage 1 + Max (Digital Plus Percentage 2, Max ((Gearing B x FI Digital Value), FI Digital Floor Percentage));  
or

- (C) in all other cases:

FI Constant Percentage 1.

(e) **FI Inflation Securities**

If the Securities are specified in the applicable Final Terms as being FI Inflation Securities:

Max [100%, Cumulative Inflation Rate]

### 3.4 **Fixed Income Automatic Early Redemption Payouts**

If Automatic Early Redemption is specified as applicable in the applicable Final Terms and an Automatic Early Redemption Event occurs, the Automatic Early Redemption Payout shall be:

- (a) If Target Automatic Early Redemption is specified as applicable in the applicable Final Terms,  
 $NA \times (100\% + \text{Final Interest Rate})$ ;
- (b) If FI Underlying Automatic Early Redemption is specified as applicable in the applicable Final Terms,  
NA
- (c) If FI Coupon Automatic Early Redemption is specified as applicable in the applicable Final Terms,  
 $NA \times (100\% + (\text{Min}(\text{Coupon Cap}, \text{Final Coupon Rate}) \times \text{Final Day Count Fraction}))$ .

### 3.5 **Definitions for Fixed Income Automatic Early Redemption Payouts**

"**Coupon Cap**" means the percentage specified as such in the applicable Final Terms;

"**Cumulative Inflation Rate**" means  $\text{Inflation Index}_{(i)} / \text{Inflation Index}_{(\text{base})}$ ;

"**Final Interest Rate**" means:

- (a) if Capped and Guaranteed Applicable is specified in the applicable Final Terms, the Automatic Early Redemption Percentage or Target Coupon Percentage, as applicable, less Paid Coupon;
- (b) if Capped and Guaranteed Not Applicable is specified in the applicable Final Terms, the product of the Final Coupon Rate and the Final Day Count Fraction (if applicable);

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (c) if Capped Only is specified in the applicable Final Terms (i) the Final Coupon Rate multiplied by the Final Day Count Fraction (if applicable) or, if less (ii) the Automatic Early Redemption Percentage or the Target Coupon Percentage (as applicable), less the Paid Coupon; or
- (d) If Guaranteed Only is specified in the applicable Final Terms (i) the Final Coupon Rate multiplied by the Final Day Count Fraction (if applicable) or, if greater (ii) the Automatic Early Redemption Percentage or the Target Coupon Percentage (as applicable), less the Paid Coupon.

### 3.6 General definitions for Fixed Income Coupon Rates, Final Payouts and Automatic Early Redemption Payouts

**"Digital Cap Percentage 1"** means the percentage specified as such in the applicable Final Terms;

**"Digital Cap Percentage 2"** means the percentage specified as such in the applicable Final Terms;

**"Digital Floor Percentage 1"** means the percentage specified as such in the applicable Final Terms;

**"Digital Floor Percentage 2"** means the percentage specified as such in the applicable Final Terms;

**"Digital Plus Percentage 1"** means the percentage specified as such in the applicable Final Terms;

**"Digital Plus Percentage 2"** means the percentage specified as such in the applicable Final Terms;

**"FI Constant Percentage 1"** means the percentage specified as such in the applicable Final Terms;

**"FI Digital Cap Condition"** means the FI Digital Value for the relevant FI Valuation Date is greater than or equal to the FI Digital Cap Level;

**"FI Digital Cap Level"** means (a) the FX Digital Level or (b) the level specified as such, in each case, as specified in the applicable Final Terms;

**"FI Digital Floor Condition"** means the FI Digital Value for the relevant FI Valuation Date is less than or equal to the FI Digital Floor Level;

**"FI Digital Floor Level"** means (a) the FX Digital Level or (b) the level specified as such, in each case, as specified in the applicable Final Terms;

**"FI Digital Plus Condition"** means the FI Digital Value for the relevant FI Valuation Date is greater than the FI Digital Plus Level;

**"FI Digital Plus Level"** means (a) the FX Digital Level or (b) the level specified as such, in each case, as specified in the applicable Final Terms;

**"FI Digital Value"** means, in respect of a FI Valuation Date, the Performance Value as specified in the applicable Final Terms;

**"FI Redemption Valuation Date"** means each Settlement Price Date or Pricing Date specified as such in the applicable Final Terms;

**"FI Valuation Date"** means each FI Redemption Valuation Date or an FI Interest Valuation Date specified in the applicable Final Terms;

**"Final Coupon Rate"** means the Rate of Interest calculated in respect of the Current Interest Period or Target Final Interest Period, as applicable (the **"Final Interest Period"**);

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Final Day Count Fraction"** means the Day Count Fraction (if any) applicable to the Final Interest Period;

**"Final Settlement Price"** means, in respect of a Subject/Base Currency, (i) if Averaging is specified as not applicable in the applicable Final Terms, the Settlement Price on the relevant FI Valuation Date, (ii) if Averaging is specified as applicable in the applicable Final Terms, the arithmetic average of the Settlement Prices for all Averaging Dates, (iii) if Highest Look Back is specified as applicable in the applicable Final Terms, the highest Settlement Price for such Subject/Base Currency for all Averaging Dates or (iv) if Lowest Look Back is specified as applicable in the applicable Final Terms, the lowest Settlement Price for such Subject/Base Currency for all Averaging Dates;

**"Floor"** means the percentage specified as such in the applicable Final Terms;

**"FX Performance Value"** means, in respect of an FI Valuation Date:

- (a) if Performance Value 1 is specified in the applicable Final Terms,  
Final Settlement Price - Initial Settlement Price;
- (b) if Performance Value 2 is specified in the applicable Final Terms,  
Initial Settlement Price - Final Settlement Price;
- (c) if Performance Value 3 is specified in the applicable Final Terms,  
$$\frac{(\text{Final Settlement Price} - \text{Initial Settlement Price})}{\text{Final Settlement Price}};$$
- (d) if Performance Value 4 is specified in the applicable Final Terms,  
$$\frac{(\text{Initial Settlement Price} - \text{Final Settlement Price})}{\text{Final Settlement Price}};$$
- (e) if Performance Value 5 is specified in the applicable Final Terms,  
$$\left(\frac{1}{\text{Initial Settlement Price}}\right) - \left(\frac{1}{\text{Final Settlement Price}}\right);$$
- (f) if Performance Value 6 is specified in the applicable Final Terms,  
$$\left(\frac{1}{\text{Final Settlement Price}}\right) - \left(\frac{1}{\text{Initial Settlement Price}}\right);$$
- (g) if Performance Value 7 is specified in the applicable Final Terms,  
$$\frac{(\text{Final Settlement Price} - \text{Initial Settlement Price})}{\text{Initial Settlement Price}};$$
- (h) if Performance Value 8 is specified in the applicable Final Terms,  
$$\frac{(\text{Initial Settlement Price} - \text{Final Settlement Price})}{\text{Initial Settlement Price}};$$
- (i) if Performance Value 9 is specified in the applicable Final Terms,  
$$\frac{\text{Final Settlement Price}}{\text{Initial Settlement Price}};$$
- (j) if Performance Value 10 is specified in the applicable Final Terms,



## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

$$\frac{\text{Initial Settlement Price}}{\text{Final Settlement Price}}.$$

**"FX Ranking"** means, in respect of an FI Valuation Date, the ordinal positioning of each Subject/Base Currency by FX Performance Value from lowest FX Performance Value to greatest FX Performance Value in respect of such FI Valuation Date;

**"FX Weighting"** means, in respect of a Subject Currency, the number, amount or percentage specified as such for such Subject Currency in the applicable Final Terms;

**"Gearing"** means the percentage specified as such in the applicable Final Terms;

**"Gearing A"** means the percentage specified as such in the applicable Final Terms;

**"Gearing B"** means the percentage specified as such in the applicable Final Terms;

**"Inflation Index<sub>(i)</sub>"** means, in respect of an Underlying Reference, the Underlying Reference Closing Value for such Underlying Reference in respect of the relevant FI Valuation Date;

**"Inflation Index<sub>(i-1)</sub>"** means, in respect of an Underlying Reference, the Underlying Reference Closing Value for such Underlying Reference on the immediately preceding FI Valuation Date (or, if none, the Strike Date);

**"Inflation Index<sub>(base)</sub>"** means, in respect of an Underlying Reference, the Underlying Reference Closing Value for such Underlying Reference on the Strike Date;

**"Inflation Rate"** means, in respect of a FI Valuation Date, YoY Inflation Rate or Cumulative Inflation Rate, as specified in the applicable Final Terms;

**"Initial Settlement Price"** means, in respect of a Subject Currency:

- (a) the amount specified as such in the applicable Final Terms; or
- (b) if Initial Closing Value is specified as applicable in the applicable Final Terms, the Settlement Price for such Subject Currency on the Strike Date; or
- (c) if Initial Average Value is specified as applicable in the applicable Final Terms, the arithmetic average of the Settlement Prices for such Subject Currency for all the Strike Days in the Strike Period; or
- (d) if Highest Look Back Value is specified as applicable in the applicable Final Terms, the highest Settlement Price for such Subject Currency for all the Strike Days in the Strike Period; or
- (e) if Lowest Look Back Value is specified as applicable in the applicable Final Terms, the lowest Settlement Price for such Subject Currency for all the Strike Days in the Strike Period.

**"NA"** means the Notional Amount;

**"Paid Coupon"** means, in respect of an Automatic Early Redemption Valuation Date or Target Determination Date, the sum of the values calculated for each Interest Period as the product of (i) the Rate of Interest and (ii) if specified in the applicable Final Terms, the Day Count Fraction, in each case calculated for each Interest Period preceding the Current Interest Period (in the case of an Automatic Early Redemption Valuation Date) or the Target Final Interest Period (in the case of a Target Determination Date);

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

**"Performance Value"** means, in respect of an FI Valuation Date:

- (a) in the case of Securities relating to a single Subject Currency, the FX Performance Value;
- (b) if Weighted Basket is specified as applicable in the applicable Final Terms, the sum of the values calculated for each Subject Currency in the Basket as (a) the FX Performance Value for the relevant Subject Currency for such FI Valuation Date (b) multiplied by the relevant FX Weighting;
- (c) if Best Of Weighted Basket is specified as applicable in the applicable Final Terms, the highest FX Performance Value of any Subject Currency in the Relevant Basket in respect of such FI Valuation Date;
- (d) if Worst Of Weighted Basket is specified as applicable in the applicable Final Terms, the lowest FX Performance Value of any Subject Currency in the Relevant Basket in respect of such FI Valuation Date;
- (e) if Multi Basket is specified as applicable in the Final Terms:

$$\sum_{j=1}^m \sum_{i=1}^n G_j * (W_i * \text{FX Performance Value})$$

Where:

**"G"** means, in respect of a basket of Subject Currencies, the percentage specified as such for such basket of Subject Currencies in the applicable Final Terms;

**"W"** means, in respect of a Subject Currency, the FX Weighting for such Subject Currency; or

- (f) if Ranked Basket is specified as applicable in the applicable Final Terms, the sum of the values calculated for each Subject/Base Currency in the Relevant Basket as (a) the Ranked Value for the relevant Subject Currency for such FI Valuation Date multiplied by (b) the relevant FX Weighting;

**"Ranked Value"** means, in respect of an FI Valuation Date, the FX Performance Value in respect of the Subject/Base Currency with the FX Ranking in respect of such FI Valuation Date set out in the applicable Final Terms;

**"Underlying Reference"** means, for the purposes of the Fixed Income Payouts, each Inflation Index, Subject Currency, Underlying Interest Rate, Index, Share, Commodity, Commodity Index or other basis of reference to which the relevant Securities relate. If two or more Underlying Interest Rates are specified in the applicable Final Terms as Multiple Underlying Component Rates each Underlying Interest Rate<sub>(i)</sub> specified as such (together the **"Multiple Underlying Interest Rate"**) will be calculated separately and independently but for the purposes of these Payout Conditions and the Underlying Interest Rate Security Conditions shall be deemed to together constitute an Underlying Reference;

**"Underlying Reference 1"** means the Underlying Reference specified as such in the applicable Final Terms;

**"Underlying Reference 2"** means the Underlying Reference specified as such in the applicable Final Terms;

**"Underlying Reference Closing Value"** means, in respect of a FI Valuation Date:

## ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS

- (a) if the relevant Underlying Reference is an Inflation Index, the Relevant Level (as defined in the Inflation Security Conditions); or
- (b) if the relevant Underlying Reference is a rate of interest, the Underlying Reference Rate or, if Multiple Underlying Interest Rate is specified as applicable, the value calculated in accordance with the following formula:

$$\sum_{i=1}^n \text{MultipleUnderlying InterestRateGearing}_{(i)} \times \text{MultipleUnderlying ReferenceRate}_{(i)} ;$$

- (c) if the relevant Underlying Reference is a Subject Currency, the Settlement Price or FX Coupon Performance Value, as specified in the applicable Final Terms; or
- (d) if the relevant Underlying Reference is an Index, a Share, a Commodity or a Commodity Index, the Settlement Price,

in each case in respect of such day.

### 4. FORMULAE CONSTITUENTS AND COMPLETION

The constituent parts (each a "**Formula Constituent**") of any formula (each a "**Formula**") used in the Payout Conditions and which are to be specified in the applicable Final Terms may be replaced in the applicable Final Terms by the prescribed amount, level, percentage or other value, as applicable for such Formula Constituent.

If a Formula Constituent has a value of either 0 (zero) or 1 (one), or is not applicable in respect of the relevant Securities, then the related Formula may be simplified in the applicable Final Terms by deleting such Formula Constituent.

Any number or percentage to be specified in the applicable Final Terms for the purposes of these Payout Conditions may be a positive or negative, as specified in the applicable Final Terms.

### 5. CALCULATION AGENT

Unless otherwise specified, the calculation or determination of any amount or of any state of affairs, circumstance, event or other matter, or the formation of any opinion required or permitted to be determined, formed or exercised pursuant to these Payout Conditions will be calculated, determined, formed or exercised by the Calculation Agent.

Any calculation, determination, formation of any opinion or exercise of any discretion by the Calculation Agent pursuant to the Securities shall (in the absence of manifest error) be final and binding on the Issuer, the Guarantor and the Holders. Whenever the Calculation Agent is required to make any determination it may, to the extent permitted by any applicable law, *inter alia*, decide issues of construction and legal interpretation. In performing its duties pursuant to the Securities, the Calculation Agent shall, unless otherwise specified, act in good faith and in a commercially reasonable manner. Any delay, deferral or forbearance by the Calculation Agent in the performance or exercise of any of its obligations or making any determination under the Securities shall not affect the validity or binding nature of any later performance or exercise of such obligation or determination, and none of the Calculation Agent, the Issuer or the Guarantor shall, in the absence of wilful misconduct and gross negligence, bear any liability (to the extent permitted by any applicable law) in respect of, or consequent upon, any such delay, deferral or forbearance.

## **ANNEX 1 – ADDITIONAL TERMS AND CONDITIONS FOR PAYOUTS**

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

### ANNEX 2

#### ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

##### CONTENTS

1.	Definitions .....	672
2.	Market Disruption.....	678
3.	Adjustments to an Index .....	679
4.	Correction of Index .....	681
5.	Custom Index .....	681
6.	Adjustments to a Custom Index and Custom Index Disruption .....	681
7.	Correction of Custom Index.....	692
8.	Definitions relating to Custom Indices .....	692
9.	Futures Price Valuation.....	695
10.	Equity Custom Index Provisions.....	701
11.	General (Equity Custom Index) .....	701
12.	Adjustments to a Custom Index and Custom Index Disruption (Equity Custom Index) .....	701
13.	Correction of Equity Custom Index .....	703
14.	Definitions relating to Equity Custom Indices .....	704
15.	Commodity Custom Index Provisions .....	705
16.	General (Commodity Custom Index).....	705
17.	Adjustments to a Custom Index and Custom Index Disruption (Commodity Custom Index) .....	705
18.	Correction of Commodity Custom Index.....	708
19.	Definitions relating to Commodity Custom Indices .....	708

If specified as applicable in the applicable Final Terms the terms and conditions applicable to Securities specified in the applicable Final Terms as Index Securities shall comprise terms and conditions of Securities (the "**Security Conditions**") and the additional Terms and Conditions for Index Securities set out below (the "**Index Security Conditions**"), in each case together with any other additional terms and conditions specified in the applicable Final Terms and subject to completion in the applicable Final Terms. In the event of any inconsistency between (i) the Security Conditions and (ii) the Index Security Conditions, the Index Security provisions shall prevail.

#### 1. Definitions

"**Basket of Indices**" means a basket composed of each Index specified in the applicable Final Terms in the weightings specified in the applicable Final Terms;

"**Clearance System**" means the principal domestic clearance system customarily used for settling trades in the relevant securities;

"**Clearance System Days**" means, in respect of a Clearance System, any day on which such Clearance System is (or, but for the occurrence of an event which results in the Clearance System being unable to clear the transfer of a relevant security would have been) open for the acceptance and execution of settlement instructions;

"**Closing Level**" means, in respect of an Index and a Scheduled Trading Day, the official closing level of such Index on such day as determined by the Calculation Agent, subject as provided in Index Security Condition 3 (Adjustments to an Index);

"**Component Security**" means, in respect of a Composite Index, each component security of such Index;

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

**"Component Security Index"** means any Index specified as such in the applicable Final Terms or, if not so specified, any Index which the Calculation Agent determines to be such an Index;

**"Composite Index"** means any Index which is either a Component Security Index or a Multi-Exchange Index;

**"Disrupted Day"** means:

- (a) in respect of any Composite Index, any Scheduled Trading Day on which (i) the Index Sponsor fails to publish the level of such Index, (ii) the Related Exchange fails to open for trading during its regular trading session, or (iii) a Market Disruption Event has occurred; and
- (b) in respect of an Index that is not a Composite Index, any Scheduled Trading Day on which (i) the relevant Exchange and/or any Related Exchange fails to open for trading during its regular trading session or (ii) a Market Disruption Event has occurred;

**"Early Closure"** means:

- (a) in respect of a Composite Index, the closure on any Exchange Business Day of the Exchange in respect of any Component Security or the Related Exchange prior to its Scheduled Closing Time unless such earlier closing is announced by such Exchange or Related Exchange (as the case may be) at least one hour prior to the earlier of (i) the actual closing time for the regular trading session on such Exchange or Related Exchange (as the case may be) on such Exchange Business Day and (ii) the submission deadline for orders to be entered into the Exchange or Related Exchange system for execution at the relevant Valuation Time on such Exchange Business Day; and
- (b) in the case of an Index which is not a Composite Index, the closure on any Exchange Business Day of any relevant Exchange(s) relating to securities that comprise 20 per cent. or more of the level of the relevant Index or any Related Exchange(s) prior to its Scheduled Closing Time unless such earlier closing time is announced by such Exchange(s) or such Related Exchange(s), as the case may be, at least one hour prior to the earlier of (i) the actual closing time for the regular trading session on such Exchange(s) or such Related Exchange(s) on such Exchange Business Day and (ii) the submission deadline for orders to be entered into the Exchange or Related Exchange system for execution at the Valuation Time on such Exchange Business Day;

**"Exchange"** means:

- (a) in the case of a Composite Index, in respect of each Component Security, the principal stock exchange on which such Component Security is principally traded, as determined by the Calculation Agent; and
- (b) in the case of any Index which is not a Composite Index, in respect of such Index, each exchange or quotation system specified as such for such Index in the applicable Final Terms, any successor to such exchange or quotation system or any substitute exchange or quotation system to which trading in the securities comprising such Index has temporarily relocated (provided that the Calculation Agent has determined that there is comparable liquidity relative to the securities comprising such Index on such temporary substitute exchange or quotation system as on the original Exchange);

**"Exchange Business Day"** means either (a) in the case of a single Index, Exchange Business Day (Single Index Basis) or (b) in the case of a Basket of Indices, (i) Exchange Business Day (All Indices Basis) or

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

(ii) Exchange Business Day (Per Index Basis), in each case as specified in the applicable Final Terms, provided that if no such specification is made in the applicable Final Terms, Exchange Business Day (All Indices Basis) shall apply;

**"Exchange Business Day (All Indices Basis)"** means any Scheduled Trading Day on which:

- (a) in respect of any Indices other than Composite Indices, each Exchange and each Related Exchange, if any, in respect of such Indices are open for trading during their respective regular trading session(s), notwithstanding any such Exchange or Related Exchange closing prior to their Scheduled Closing Time; or
  - (b) in respect of any Composite Indices:
    - (i) the Index Sponsor publishes the level of such Composite Indices; and
    - (ii) either:
      - (A) unless Exchange/Related Exchange is specified as applicable in the applicable Final Terms, each Related Exchange in respect of such Composite Indices is open for trading during its regular trading session; or
      - (B) if Exchange/Related Exchange is specified as applicable in the applicable Final Terms, each Exchange and each Related Exchange, if any, in respect of such Composite Indices is open for trading during its regular trading session,
- in each case, notwithstanding any such Exchange or Related Exchange closing prior to its Scheduled Closing Time;

**"Exchange Business Day (Per Index Basis)"** means, in respect of an Index, any Scheduled Trading Day on which:

- (a) in respect of an Index other than a Composite Index, the relevant Exchange and the relevant Related Exchange, if any, in respect of such Index are open for trading during their regular trading session(s), notwithstanding any such Exchange or Related Exchange closing prior to its Scheduled Closing Time; or
  - (b) in respect of a Composite Index:
    - (i) the relevant Index Sponsor publishes the level of such Composite Index; and
    - (ii) either:
      - (A) unless Exchange/Related Exchange is specified as applicable in the applicable Final Terms, each Related Exchange in respect of such Composite Index is open for trading during its regular trading session; or
      - (B) if Exchange/Related Exchange is specified as applicable in the applicable Final Terms, each Exchange and each Related Exchange, if any, in respect of such Composite Index is open for trading during its regular trading session,
- in each case, notwithstanding such Exchange(s) or Related Exchange(s) closing prior to its Scheduled Closing Time;

**"Exchange Business Day (Single Index Basis)"** means any Scheduled Trading Day on which:

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

- (a) in respect of an Index other than a Composite Index, the relevant Exchange and the relevant Related Exchange, if any, in respect of such Index are open for trading during their regular trading session(s), notwithstanding any such relevant Exchange or relevant Related Exchange closing prior to its Scheduled Closing Time; or
- (b) in respect of a Composite Index:
  - (i) the relevant Index Sponsor publishes the level of such Composite Index; and
  - (ii) either:
    - (A) unless Exchange/Related Exchange is specified as applicable in the applicable Final Terms, each Related Exchange in respect of such Composite Index is open for trading during its regular trading session; or
    - (B) if Exchange/Related Exchange is specified as applicable in the applicable Final Terms, each Exchange and each Related Exchange, if any, in respect of such Composite Index is open for trading during its regular trading session,

in each case, notwithstanding such Exchange(s) or Related Exchange(s) closing prior to its Scheduled Closing Time;

**"Exchange Disruption"** means:

- (a) in respect of a Composite Index, any event (other than an Early Closure) that disrupts or impairs (as determined by the Calculation Agent) the ability of market participants in general to effect transactions in, or obtain market values for (i) any Component Security on the Exchange in respect of such Component Security or (ii) in futures or options contracts relating to such Index on the Related Exchange; and
- (b) in the case of an Index which is not a Composite Index, any event (other than an Early Closure) that disrupts or impairs (as determined by the Calculation Agent) the ability of market participants in general (i) to effect transactions in, or obtain market values for, on any relevant Exchange(s) in securities that comprise 20 per cent. or more of the level of the relevant Index, or (ii) to effect transactions in, or obtain market values for, futures or options contracts relating to the relevant Index on any relevant Related Exchange;

**"Index"** and **"Indices"** mean, subject to adjustment in accordance with this Annex 2, the index or indices specified in the applicable Final Terms and related expressions shall be construed accordingly;

**"Index Correction Period"** means (a) the period specified in the applicable Final Terms, or (b) if none is so specified, one Settlement Cycle;

**"Index Sponsor"** means, in relation to an Index, the corporation or other entity that (a) is responsible for setting and reviewing the rules and procedures and the methods of calculation and adjustments, if any, related to such Index and (b) announces (directly or through an agent) the level of such Index on a regular basis during each Scheduled Trading Day, which as of the Issue Date is the index sponsor specified for such Index in the applicable Final Terms;

**"Intraday Level"** means, in respect of an Index and any time on a Scheduled Trading Day, the level of such Index at such time on such day as determined by the Calculation Agent, subject as provided in Index Security Condition 3 (Adjustments to an Index);



## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

**"Multi-Exchange Index"** means any Index specified as such in the applicable Final Terms, or if not so specified, any Index which the Calculation Agent determines to be such an Index;

**"Protected Amount"** means the amount specified as such in the applicable Final Terms;

**"Related Exchange"** means, in relation to an Index, each exchange or quotation system specified as such for such Index in the applicable Final Terms, any successor to such exchange or quotation system or any substitute exchange or quotation system to which trading in futures or options contracts relating to such Index has temporarily relocated (provided that the Calculation Agent has determined that there is comparable liquidity relative to the futures or options contracts relating to such Index on such temporary substitute exchange or quotation system as on the original Related Exchange), provided that where "All Exchanges" is specified as the Related Exchange in the applicable Final Terms, **"Related Exchange"** shall mean each exchange or quotation system where trading has a material effect (as determined by the Calculation Agent) on the overall market for futures or options contracts relating to such Index;

**"Scheduled Trading Day"** means either (a) in the case of a single Index, Scheduled Trading Day (Single Index Basis) or (b) in the case of a Basket of Indices, (i) Scheduled Trading Day (All Indices Basis) or (ii) Scheduled Trading Day (Per Index Basis), in each case as specified in the applicable Final Terms, provided that if no such specification is made in the applicable Final Terms, Scheduled Trading Day (All Indices Basis) shall apply;

**"Scheduled Trading Day (All Indices Basis)"** means any day on which:

- (a) in respect of any Indices other than Composite Indices, each Exchange and each Related Exchange, if any, in respect of such Indices are scheduled to be open for trading during their respective regular trading session(s); or
- (b) in respect of any Composite Indices:
  - (i) the Index Sponsor is scheduled to publish the level of such Composite Indices; and
  - (ii) either:
    - (A) unless Exchange/Related Exchange is specified as applicable in the applicable Final Terms, each Related Exchange in respect of such Composite Indices is scheduled to be open for trading during its regular trading session; or
    - (B) if Exchange/Related Exchange is specified as applicable in the applicable Final Terms, each Exchange and each Related Exchange, if any, in respect of such Composite Indices is scheduled to be open for trading during its regular trading session;

**"Scheduled Trading Day (Per Index Basis)"** means, in respect of an Index, any day on which:

- (a) in respect of an Index other than a Composite Index, the relevant Exchange and the relevant Related Exchange, if any, in respect of such Index are scheduled to be open for trading during their respective regular trading session(s); or
- (b) in respect of a Composite Index:
  - (i) the relevant Index Sponsor is scheduled to publish the level of such Composite Index; and

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

(ii) either:

- (A) unless Exchange/Related Exchange is specified as applicable in the applicable Final Terms, each Related Exchange in respect of such Composite Index is scheduled to be open for trading during its regular trading session; or
- (B) if Exchange/Related Exchange is specified as applicable in the applicable Final Terms, each Exchange and each Related Exchange, if any, in respect of such Composite Index is scheduled to be open for trading during its regular trading session;

**"Scheduled Trading Day (Single Index Basis)"** means any day on which:

- (a) in respect of an Index other than a Composite Index, the relevant Exchange and the relevant Related Exchange, if any, in respect of such Index are scheduled to be open for trading during their respective regular trading session(s); or
- (b) in respect of a Composite Index:
  - (i) the relevant Index Sponsor is scheduled to publish the level of such Composite Index; and
  - (ii) either:
    - (A) unless Exchange/Related Exchange is specified as applicable in the applicable Final Terms, each Related Exchange in respect of such Composite Index is scheduled to be open for trading during its regular trading session; or
    - (B) if Exchange/Related Exchange is specified as applicable in the applicable Final Terms, each Exchange and each Related Exchange, if any, in respect of such Composite Index is scheduled to be open for trading during its regular trading session;

**"Settlement Cycle"** means, in respect of an Index, the period of Clearance System Days following a trade in the security comprising such Index on the Exchange in which settlement will customarily occur according to the rules of such Exchange;

**"Settlement Price"** means, unless otherwise stated in the applicable Final Terms, in relation to each Security and subject to the provisions of this Annex 2 and as referred to in "Strike Date", "Averaging Date", "Observation Date" or "Valuation Date", as the case may be:

- (a) in the case of Index Securities relating to a Basket of Indices and in respect of each Index comprising the Basket of Indices, an amount (which shall be deemed to be a monetary value in the Index Currency) equal to the official closing level or official opening level, as specified in the applicable Final Terms, for such Index as determined by the Calculation Agent or, if so specified in the applicable Final Terms, the level of such Index determined by the Calculation Agent as set out in the applicable Final Terms at the Valuation Time on (i) if Averaging is not specified in the applicable Final Terms, the relevant Settlement Price Date or (ii) if Averaging is specified in the applicable Final Terms, an Averaging Date and, in either case, multiplied by the relevant Weighting; and
- (b) in the case of Index Securities relating to a single Index, an amount (which shall be deemed to be a monetary value in the Index Currency) equal to the official closing level or official opening

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

level, as specified in the applicable Final Terms, of the Index as determined by the Calculation Agent or, if so specified in the applicable Final Terms, the level of the Index determined by the Calculation Agent as set out in the applicable Final Terms at the Valuation Time on (i) if Averaging is not specified in the applicable Final Terms, the relevant Settlement Price Date or (ii) if Averaging is specified in the applicable Final Terms, an Averaging Date;

**"Settlement Price Date"** means the Strike Date, an Observation Date or the Valuation Date, as the case may be, or if the Securities are ETS 2300 Certificates, an Exchange Business Day and the Valuation Date; and

**"Trading Disruption"** means:

- (a) in respect of a Composite Index, any suspension of or limitation imposed on trading by the relevant Exchange or Related Exchange or otherwise and whether by reason of movements in price exceeding limits permitted by the relevant Exchange or Related Exchange or otherwise: (i) relating to any Component Security on the Exchange in respect of such Component Security; or (ii) in futures or options contracts relating to such Index on the Related Exchange; and
- (b) in the case of an Index which is not a Composite Index, any suspension of or limitation imposed on trading by the relevant Exchange or Related Exchange or otherwise and whether by reason of movements in price exceeding limits permitted by the relevant Exchange or Related Exchange or otherwise: (i) on any relevant Exchange(s) relating to securities that comprise 20 per cent. or more of the level of the relevant Index; or (ii) in futures or options contracts relating to the relevant Index on any relevant Related Exchange.

### 2. Market Disruption

**"Market Disruption Event"** means:

- (a) in respect of a Composite Index either:
  - (i) (A) the occurrence or existence, in respect of any Component Security, of:
    - (1) a Trading Disruption in respect of such Component Security, which the Calculation Agent determines is material, at any time during the one hour period that ends at the relevant Valuation Time in respect of the Exchange on which such Component Security is principally traded;
    - (2) an Exchange Disruption in respect of such Component Security, which the Calculation Agent determines is material, at any time during the one-hour period that ends at the relevant Valuation Time in respect of the Exchange on which such Component Security is principally traded; or
    - (3) an Early Closure in respect of such Component Security; and
  - (B) in respect of a Multi-Exchange Index only, the aggregate of all Component Securities in respect of which a Trading Disruption, an Exchange Disruption or an Early Closure occurs or exists comprises 20 per cent. or more of the level of such Index; or

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

- (ii) the occurrence or existence, in respect of futures or options contracts relating to such Index, of: (A) a Trading Disruption; (B) an Exchange Disruption, which in either case the Calculation Agent determines is material, at any time during the one-hour period that ends at the Valuation Time in respect of the Related Exchange; or (C) an Early Closure, in each case in respect of such futures or options contracts.

In the case of a Multi-Exchange Index, for the purposes of determining whether a Market Disruption Event exists in respect of a Component Security at any time, if a Market Disruption Event occurs in respect of such Component Security at that time, then the relevant percentage contribution of that Component Security to the level of such Index shall be based on a comparison of (x) the portion of the level of such Index attributable to that Component Security to (y) the overall level of such Index, in each case using the official opening weightings as published by the Index Sponsor as part of the market "opening data"; and

- (b) in the case of Indices other than Composite Indices, the occurrence or existence of (i) a Trading Disruption, (ii) an Exchange Disruption, which in either case the Calculation Agent determines is material, at any time during the one hour period that ends at the relevant Valuation Time, or (iii) an Early Closure. For the purposes of determining whether a Market Disruption Event in respect of such Index exists at any time, if a Market Disruption Event occurs in respect of a security included in such Index at any time, then the relevant percentage contribution of that security to the level of the Index shall be based on a comparison of (A) the portion of the level of such Index attributable to that security and (B) the overall level of such Index, in each case immediately before the occurrence of such Market Disruption Event.

The Calculation Agent shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 of the occurrence of a Disrupted Day on any day that, but for the occurrence of a Disrupted Day, would have been the Strike Date, an Averaging Date, an Observation Date, the Automatic Early Redemption Valuation Date or a Valuation Date, as the case may be.

### 3. Adjustments to an Index

#### 3.1 Successor Index Sponsor Calculates and Reports an Index

If a relevant Index is (a) not calculated and announced by the Index Sponsor but is calculated and announced by a successor sponsor (the "**Successor Index Sponsor**") acceptable to the Calculation Agent, or (b) replaced by a successor index using, in the determination of the Calculation Agent, the same or a substantially similar formula for and method of calculation as used in the calculation of that Index, then in each case that index (the "**Successor Index**") will be deemed to be the Index.

#### 3.2 Modification and Cessation of Calculation of an Index

If (a) on or prior to the Strike Date, the last Averaging Date, the last Observation Date or the last Valuation Date, the relevant Index Sponsor makes or announces that it will make a material change in the formula for or the method of calculating a relevant Index or in any other way materially modifies that Index (other than a modification prescribed in that formula or method to maintain that Index in the event of changes in constituent stock and capitalisation and other routine events) (an "**Index Modification**"), or permanently cancels a relevant Index and no Successor Index exists (an "**Index Cancellation**"), or (b) on the Strike Date, an Averaging Date, an Observation Date or a Valuation Date, the Index Sponsor or (if applicable) the Successor Index Sponsor fails to calculate and announce a relevant Index (an "**Index Disruption**" and, together with an Index Modification and an Index Cancellation, each an "**Index Adjustment Event**"), then, except as may be limited in the case of U.S. Securities:

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

- (a) the Calculation Agent shall determine if such Index Adjustment Event has a material effect on the Securities and, if so, shall calculate the relevant value, level or price using, in lieu of a published level for that Index, the level for that Index as at the Valuation Time on that Strike Date, that Valuation Date, that Observation Date or that Averaging Date, as the case may be, as determined by the Calculation Agent in accordance with the formula for and method of calculating that Index last in effect prior to the change, failure or cancellation, but using only those securities that comprised that Index immediately prior to that Index Adjustment Event; or
- (b) the Calculation Agent may replace the relevant Index with a new similar index, multiplied, if need be by a linking coefficient to ensure continuity in the condition of the underlying of the Securities; or
- (c)
  - (i) unless Delayed Redemption on Occurrence of Index Adjustment Event, Highest Value, Market Value or Monetisation Option are specified as being applicable in the applicable Final Terms, the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed the Issuer will pay an amount to each Holder in respect of each Security being redeemed at an amount equal to the fair market value of such Security taking into account the Index Adjustment Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10; or
  - (ii) if Delayed Redemption on Occurrence of Index Adjustment Event is specified as being applicable in the applicable Final Terms, the Calculation Agent shall calculate the fair market value of each Security taking into account the Index Adjustment Event less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements (the "**Calculated Index Adjustment Amount**") as soon as practicable following the occurrence of the Index Adjustment Event (the "**Calculated Index Adjustment Amount Determination Date**") and on the Redemption Date shall redeem each Security at an amount calculated by the Calculation Agent equal to (x) the Calculated Index Adjustment Amount plus interest accrued from and including the Calculated Index Adjustment Amount Determination Date to but excluding the Redemption Date at a rate equal to Issuer's funding cost at such time or (y) if Principal Protected Termination Amount is specified as being applicable in the applicable Final Terms and if greater, the Protected Amount (specified in the applicable Final Terms); or
  - (iii) if Highest Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Condition 34.12(a); or
  - (iv) if Market Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each

## **ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES**

Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or

- (v) if Monetisation Option is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(c); or
- (vi) if the Calculation Agent determines that such Index Adjustment Event constitutes a force majeure, and if Index Security Condition 3.2(c)(vi) is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption.

Notwithstanding the foregoing, the Calculation Agent will adjust any relevant terms of the Securities as it determines appropriate to preserve the economic equivalent of the obligations of the Issuer under the Securities.

### **3.3 Notice**

The Calculation Agent shall, as soon as practicable, notify the relevant Security Agent or the Registrar, as the case may be, of any determination made by it pursuant to paragraph 3.2 above and the action proposed to be taken in relation thereto and such Security Agent or the Registrar, as the case may be, shall make available for inspection by Holders copies of any such determinations.

### **4. Correction of Index**

If the level of the Index published on a given day and used or to be used by the Calculation Agent to make any determination under the Securities is subsequently corrected and the correction is published by the relevant Index Sponsor or (if applicable) the relevant Successor Index Sponsor, (a) in respect of a Composite Index, no later than five Business Days following the date of the original publication, or (b) in respect of an Index which is not a Composite Index, within the number of days equal to the Index Correction Period of the original publication, the level to be used shall be the level of the Index as so corrected, except that any corrections published after the day which is three Business Days prior to a due date for payment under the Securities calculated by reference to the level of the Index will be disregarded by the Calculation Agent for the purposes of determining the relevant amount to be paid.

### **5. Custom Index**

Index Security Conditions 6 to 8 apply if "Custom Index" is specified as applicable in the applicable Final Terms. In the event of any inconsistency between the provisions of Index Security Conditions 6 to 8 and the other Index Security Conditions, the provisions of Index Security Conditions 6 to 8 shall prevail.

### **6. Adjustments to a Custom Index and Custom Index Disruption**

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

### 6.1 Successor Index Sponsor Calculates and Reports an Index

If a relevant Custom Index is (a) not calculated and announced by the Index Sponsor but is calculated and announced by a successor sponsor (the "**Successor Custom Index Sponsor**") acceptable to the Calculation Agent, or (b) replaced by a successor custom index using, in the determination of the Calculation Agent, the same or a substantially similar formula for and method of calculation as used in the calculation of that Custom Index, then in each case that custom index (the "**Successor Custom Index**") will be deemed to be the Custom Index.

### 6.2 Modification and Cessation of Calculation of a Custom Index and Custom Index Disruption

If (a) on or prior to the Strike Date, the last Valuation Date, the last Observation Date or the last Averaging Date, the relevant Index Sponsor makes or announces that it will make a material change in the formula for or the method of calculating a relevant Custom Index or in any other way materially modifies that Custom Index (other than a modification prescribed in that formula or method to maintain that Custom Index in the event of changes in constituent components and capitalisation, contracts or commodities and other routine events) (a "**Custom Index Modification**"), or permanently cancels a relevant Custom Index and no Successor Custom Index exists (a "**Custom Index Cancellation**"), or (b) on the Strike Date, a Valuation Date, an Observation Date or an Averaging Date, the Index Sponsor or (if applicable) the Successor Custom Index Sponsor fails to calculate and announce a relevant Custom Index or it is not a Custom Index Business Day (a "**Custom Index Disruption Event**" and, together with a Custom Index Modification and a Custom Index Cancellation, each a "**Custom Index Adjustment Event**"), then:

- (a) in the case of Custom Index Securities relating to a single Custom Index where Scheduled Custom Index Business Days (Single Custom Index Basis) is specified as applicable in the applicable Final Terms, then:
  - (i) if the Custom Index Adjustment Event is a Custom Index Disruption Event which occurs or is occurring on the last Valuation Date, last Averaging Date or last Observation Date, then such Valuation Date, Averaging Date or Observation Date, as the case may be, shall be the first succeeding Scheduled Custom Index Business Day on which a Custom Index Disruption Event is not occurring, unless there is a Custom Index Disruption Event on each of the number of consecutive Scheduled Custom Index Business Days equal to the Specified Maximum Days of Disruption immediately following the scheduled Valuation Date, Averaging Date or Observation Date, as the case may be, in which case the last such consecutive Scheduled Custom Index Business Day shall be deemed to be the Valuation Date, Averaging Date or Observation Date, as the case may be, notwithstanding the Custom Index Disruption Event and the Calculation Agent shall determine the relevant level, value or price by using commercially reasonable efforts to determine the level of the Custom Index as of the Valuation Time on the last such consecutive Scheduled Custom Index Business Day in accordance with the formulae for and method of calculating the Custom Index last in effect prior to the occurrence of the Custom Index Disruption Event and using its good faith estimate of the value for the components of the Custom Index;
  - (ii) following a Custom Index Modification or Custom Index Cancellation at any time or a Custom Index Disruption Event (which in the latter case occurs or is occurring on the Strike Date, an Averaging Date (other than the last Averaging Date), an Observation Date (other than the last Observation Date) or a Valuation Date (other

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

than the last Valuation Date), the Calculation Agent shall determine if such Custom Index Adjustment Event has a material effect on the Securities and, if so:

- (A) if the Custom Index Adjustment Event is a Custom Index Disruption Event which occurs or is occurring on the Strike Date, a Valuation Date, an Averaging Date or an Observation Date, the Calculation Agent may determine that the Strike Date, relevant Averaging Date or Observation Date, as the case may be, shall be the first succeeding Scheduled Custom Index Business Day (in the case of the Strike Date) or Valid Date (in the case of an Averaging Date, a Valuation Date, or an Observation Date, as the case may be) unless there is a Custom Index Disruption Event on each of the number of consecutive Scheduled Custom Index Business Days equal to the Specified Maximum Days of Disruption immediately following the scheduled Strike Date, Averaging Date, Valuation Date or Observation Date, as the case may be, in which case the Calculation Agent may determine that the last such consecutive Scheduled Custom Index Business Day shall be deemed to be the Strike Date, Averaging Date, Valuation Date or Observation Date, as the case may be (irrespective, in the case of an Averaging Date, a Valuation Date or an Observation Date, of whether that last consecutive Scheduled Custom Index Business Day is already an Averaging Date, a Valuation Date or an Observation Date, as the case may be) and may determine the relevant level, value or price by using commercially reasonable efforts to determine a level of the Custom Index as of the Valuation Time on the last such consecutive Scheduled Custom Index Business Day in accordance with the formulae for and method of calculating the Custom Index last in effect prior to the occurrence of the Custom Index Disruption Event and using its good faith estimate of the value for the components of the Custom Index; or
- (B) the Calculation Agent may use commercially reasonable efforts to select a successor index with a substantially similar strategy as the original Custom Index and, upon selection of such index, the Calculation Agent shall promptly notify the Holders in accordance with Security Condition 10 and such index shall become the Successor Custom Index and shall be deemed to be the "Custom Index" for the purpose of the Securities and the Calculation Agent will make such adjustment, if any, to one or more of the terms of the Securities as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate; or
- (C) the Calculation Agent may determine acting in good faith and in a commercially reasonable manner such other appropriate adjustments, if any, to be made to the terms of the Securities to account for the Custom Index Adjustment Event and determine the effective date of those adjustments; or
- (D) I. unless Delayed Redemption on Occurrence of Custom Index Adjustment Event, Highest Value, Market Value or Monetisation Option are specified as being applicable in the applicable Final Terms, the Issuer may redeem the Certificates by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed the Issuer will pay an amount to each Holder in respect of each Security being redeemed at an amount equal to the



## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

fair market value of such Security taking into account the Custom Index Adjustment Event, less, unless Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Conditions 10.

- II. if Delayed Redemption on Occurrence of Custom Index Adjustment Event is specified as being applicable in the applicable Final Terms, the Calculation Agent shall calculate the fair market value of each Security taking into account the Custom Index Adjustment Event, less, unless Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements (the "**Calculated Custom Index Adjustment Event Amount**") as soon as practicable following the occurrence of the Custom Index Adjustment Event (the "**Calculated Custom Index Adjustment Event Amount Determination Date**") and on the Redemption Date shall redeem each Security at an amount calculated by the Calculation Agent equal to the Calculated Custom Index Adjustment Event Amount plus interest accrued from and including the Calculated Custom Index Adjustment Event Amount Determination Date to but excluding the Redemption Date at a rate equal to the Issuer's funding cost at such time; or
- III. if Highest Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(a); or
- IV. if Market Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or
- V. if Monetisation Option is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(c); or
- VI. if the Calculation Agent determines that such Custom Index Adjustment Event constitutes a force majeure, and if Index Security Condition 6.2(a)(ii)(D)VI is specified in the applicable Final Terms,

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption; or

- (E) in the case of a Custom Index Modification which occurs on the last Valuation Date, last Averaging Date or last Observation Date only, the Calculation Agent may elect to calculate the level of the Custom Index, using in lieu of the published level for the Custom Index as of the Valuation Date, Averaging Date or Observation Date, as the case may be, the level of the Custom Index as of that date determined by the Calculation Agent in accordance with the formula for and method of calculating the Custom Index last in effect prior to the Custom Index Modification but using only those components that comprised the Custom Index prior to the Custom Index Modification.
- (b) in the case of Custom Index Securities relating to a Basket of Custom Indices where Scheduled Custom Index Business Days (All Custom Indices Basis) is specified as applicable in the applicable Final Terms, then:
- (i) if the Custom Index Adjustment Event is a Custom Index Disruption Event which occurs or is occurring in respect of any Custom Index (each an "**Affected Custom Index**") on the last Valuation Date, last Averaging Date or last Observation Date, then such Valuation Date, Averaging Date or Observation Date, as the case may be, for all Custom Indices in the Basket of Custom Indices shall be the first succeeding Scheduled Custom Index Business Day on which a Custom Index Disruption Event is not occurring in respect of any of the Custom Indices in the Basket of Custom Indices, unless there is a Custom Index Disruption Event in respect of any one of the Custom Indices in the Basket of Custom Indices on each of the number of consecutive Scheduled Custom Index Business Days equal to the Specified Maximum Days of Disruption immediately following the scheduled Valuation Date, Averaging Date or Observation Date, as the case may be, in which case the last such consecutive Scheduled Custom Index Business Day shall be deemed to be the Valuation Date, Averaging Date or Observation Date, as the case may be, for all Custom Indices in the Basket of Custom Indices, notwithstanding the Custom Index Disruption Event in respect of an Affected Custom Index and the Calculation Agent shall determine the relevant level, value or price by using (X) in respect of any Custom Index which is not an Affected Custom Index, the method provided for in these Index Security Conditions and (Y) in respect of any Custom Index in the Basket of Custom Indices which is an Affected Custom Index, commercially reasonable efforts to determine the level of the relevant Custom Index as of the Valuation Time on the last such consecutive Scheduled Custom Index Business Day in accordance with the formulae for and method of calculating the relevant Custom Index last in effect prior to the occurrence of the Custom Index Disruption Event and using its good faith estimate of the value for the components of the Custom Index;

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

- (ii) following a Custom Index Modification or Custom Index Cancellation at any time or a Custom Index Disruption Event (which in the latter case occurs or is occurring on the Strike Date, an Averaging Date (other than the last Averaging Date) or an Observation Date (other than the last Observation Date) or a Valuation Date (other than the last Valuation Date) the Calculation Agent shall determine if such Custom Index Adjustment Event has a material effect on the Securities and, if so:
  - (A) if the Custom Index Adjustment Event is a Custom Index Disruption Event which occurs or is occurring on the Strike Date, an Averaging Date, a Valuation Date or an Observation Date, the Calculation Agent may determine that the Strike Date, relevant Averaging Date or Observation Date, as the case may be, for all Custom Indices in the Basket of Custom Indices shall be the first succeeding Scheduled Custom Index Business Day (in the case of the Strike Date) or Valid Date (in the case of an Averaging Date, a Valuation Date or an Observation Date, as the case may be) on which a Custom Index Disruption Event is not occurring in respect of any Custom Index (each an "**Affected Custom Index**") comprised in the Basket of Custom Indices unless there is a Custom Index Disruption Event on each of the number of consecutive Scheduled Custom Index Business Days equal to the Specified Maximum Days of Disruption immediately following the scheduled Strike Date, Averaging Date, Valuation Date or Observation Date, as the case may be, in which case the Calculation Agent may determine that the last such consecutive Scheduled Custom Index Business Day shall be deemed to be the Strike Date, Averaging Date, Valuation Date or Observation Date, as the case may be (irrespective, in the case of an Averaging Date, a Valuation Date or an Observation Date, of whether that last consecutive Scheduled Custom Index Business Day is already an Averaging Date, a Valuation Date or an Observation Date, as the case may be) for all Custom Indices in the Basket of Custom Indices and may determine the relevant level, value or price by using (X) in respect of any Custom Index in the Basket of Custom Indices which is not an Affected Custom Index, the method provided for in these Security Conditions and (Y) in respect of any Custom Index in the Basket of Custom Indices which is an Affected Custom Index, commercially reasonable efforts to determine a level of the relevant Custom Index as of the Valuation Time on the last such consecutive Scheduled Custom Index Business Day in accordance with the formulae for and method of calculating the relevant Custom Index last in effect prior to the occurrence of the Custom Index Disruption Event and using its good faith estimate of the value for the components of the Custom Index; or
  - (B) the Calculation Agent may use commercially reasonable efforts to select a successor index with a substantially similar strategy as the original Custom Index and, upon selection of such index, the Calculation Agent shall promptly notify the Holders in accordance with Security Condition 10 and such index shall become the Successor Custom Index and shall be deemed to be a "Custom Index" for the purpose of the Securities and the Calculation Agent will make such adjustment, if any, to one or more of the terms of the Securities as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate; or

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

- (C) the Calculation Agent may determine acting in good faith and in a commercially reasonable manner such other appropriate adjustments, if any, to be made to the terms of the Securities to account for the Custom Index Adjustment Event and determine the effective date of those adjustments; or
- (D) I. unless Delayed Redemption on Occurrence of Custom Index Adjustment Event, Highest Value, Market Value or Monetisation Option are specified as being applicable in the applicable Final Terms, the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed the Issuer will pay an amount to each Holder in respect of each Security being redeemed at an amount equal to the fair market value of such Security taking into account the Custom Index Adjustment Event, less, unless Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10; or
- II. if Delayed Redemption on Occurrence of Custom Index Adjustment Event is specified as being applicable in the applicable Final Terms, the Security Agent shall calculate the fair market value of each Certificate taking into account the Custom Index Adjustment Event less, unless Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements (the "**Calculated Custom Index Adjustment Event Amount**") as soon as practicable following the occurrence of the Custom Index Adjustment Event (the "**Calculated Custom Index Adjustment Event Amount Determination Date**") and on the Redemption Date shall redeem each Security at an amount calculated by the Calculation Agent equal to the Calculated Custom Index Adjustment Event Amount plus interest accrued from and including the Calculated Custom Index Adjustment Event Amount Determination Date to but excluding the Redemption Date at a rate equal to the Issuer's funding cost at such time; or
- III. if Highest Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(a); or
- IV. if Market Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or

- V. if Monetisation Option is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(c); or
  - VI. if the Calculation Agent determines that such Custom Index Adjustment Event constitutes a force majeure, and if Index Security Condition 6.2(b)(ii)(D)VI is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption; or
- (E) in the case of a Custom Index Modification which occurs in respect of a Custom Index in the Basket of Custom Indices which occurs on the last Valuation Date, last Averaging Date or last Observation Date only, the Calculation Agent may elect to calculate the level of such Custom Index, using in lieu of the published level for the Custom Index as of the Valuation Date, Averaging Date or Observation Date, as the case may be, the level of the Custom Index as of that date determined by the Calculation Agent in accordance with the formula for and method of calculating the Custom Index last in effect prior to the Custom Index Modification but using only those components that comprised the Custom Index prior to the Custom Index Modification.
- (c) in the case of Custom Index Securities relating to a Basket of Custom Indices where Scheduled Custom Index Business Days (Per Custom Index Basis) is specified as applicable in the applicable Final Terms, then:
- (i) if the Custom Index Adjustment Event is a Custom Index Disruption Event which occurs or is occurring on the last Valuation Date, last Averaging Date or last Observation Date, then the Valuation Date, Averaging Date or Observation Date, as the case may be, for each Custom Index not affected by the occurrence of the Custom Index Disruption Event shall be the scheduled last Valuation Date, last Averaging Date or last Observation Date, as the case may be, and the Valuation Date, Averaging Date or Observation Date, as the case may be, for each Custom Index in the Basket of Custom Indices affected by the Custom Index Disruption Event (each an "**Affected Custom Index**") shall be the first succeeding Scheduled Custom Index Business Day on which a Custom Index Disruption Event is not occurring in respect of such Affected Custom Index, unless there is a Custom Index Disruption Event on each of the number

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

of consecutive Scheduled Custom Index Business Days equal to the Specified Maximum Days of Disruption immediately following the scheduled Valuation Date, Averaging Date or Observation Date, as the case may be, in which case the last such consecutive Scheduled Custom Index Business Day shall be deemed to be the Valuation Date, Averaging Date or Observation Date, as the case may be, for the relevant Affected Custom Index and the Calculation Agent shall determine the relevant level, value or price by using commercially reasonable efforts to determine the level of the relevant Affected Custom Index as of the Valuation Time on the last such consecutive Scheduled Custom Index Business Day in accordance with the formulae for and method of calculating the relevant Affected Custom Index last in effect prior to the occurrence of the Custom Index Disruption Event and using its good faith estimate of the value for the components of the Affected Custom Index;

- (ii) following a Custom Index Modification or Custom Index Cancellation at any time or a Custom Index Disruption Event (which in the latter case occurs or is occurring on the Strike Date, an Averaging Date (other than the last Averaging Date) or an Observation Date (other than the last Observation Date) or a Valuation Date (other than the last Valuation Date) the Calculation Agent shall determine if such Custom Index Adjustment Event has a material effect on the Securities and, if so:
  - (A) if the Custom Index Adjustment Event is a Custom Index Disruption Event which occurs or is occurring on the Strike Date, an Averaging Date, a Valuation Date or an Observation Date, the Calculation Agent may determine that the Strike Date, relevant Averaging Date, Valuation Date or Observation Date, as the case may be, for each Custom Index in the Basket of Custom Indices not affected by the occurrence of the Custom Index Disruption Event shall be the scheduled Strike Date, Averaging Date, Valuation Date or Observation Date, as the case may be, and the Strike Date, Averaging Date, Valuation Date or Observation Date, as the case may be, for each Custom Index in the Basket of Custom Indices affected by the Custom Index Disruption Event (each an "**Affected Custom Index**") shall be the first succeeding Scheduled Custom Index Business Day (in the case of the Strike Date) or Valid Date (in the case of an Averaging Date, a Valuation Date or an Observation Date, as the case may be) on which a Custom Index Disruption Event is not occurring in respect of such Affected Custom Index unless there is a Custom Index Disruption Event on each of the number of consecutive Scheduled Custom Index Business Days equal to the Specified Maximum Days of Disruption immediately following the scheduled Strike Date, Averaging Date, Valuation Date or Observation Date, as the case may be, in which case the Calculation Agent may determine that the last such consecutive Scheduled Custom Index Business Day shall be deemed to be the Strike Date, Averaging Date, a Valuation Date or Observation Date, as the case may be (irrespective, in the case of an Averaging Date, a Valuation Date or an Observation Date, of whether that last consecutive Scheduled Custom Index Business Day is already an Averaging Date, a Valuation Date or an Observation Date, as the case may be) for the relevant Affected Custom index and may determine the relevant level, value or price by using commercially reasonable efforts to determine a level of the relevant Affected Custom Index as of the Valuation Time on the last such consecutive Scheduled Custom Index Business Day in accordance with the formulae for and method of

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

calculating the relevant Affected Custom Index last in effect prior to the occurrence of the Custom Index Disruption Event and using its good faith estimate of the value for the components of the Custom Index; or

- (B) the Calculation Agent may use commercially reasonable efforts to select a successor index with a substantially similar strategy as the original Custom Index and, upon selection of such index, the Calculation Agent shall promptly notify the Holders and such index shall become the Successor Custom Index and shall be deemed to be the "Custom Index" for the purpose of the Securities and the Calculation Agent will make such adjustment, if any, to one or more of the terms of the Securities as the Calculation Agent acting in good faith and a commercially reasonable manner determines appropriate; or
- (C) the Calculation Agent may determine acting in good faith and a commercially reasonable manner such other appropriate adjustments, if any, to be made to the terms of the Securities to account for the Custom Index Adjustment Event and determine the effective date of those adjustments; or
- (D)
  - I. unless Delayed Redemption on Occurrence of Custom Index Adjustment Event, Highest Value, Market Value or Monetisation Option are specified as being applicable in the applicable Final Terms, the Calculation Agent may require the Issuer to redeem the Securities, in which case it will so notify the Issuer and the Issuer will give notice to the Holders in accordance with Security Condition 10. If the Securities are so redeemed, the Issuer will pay an amount to each Holder in respect of each Security being redeemed at an amount equal to the fair market value of such Security taking into account the Custom Index Adjustment Event, less, unless Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payments being made in such manner as shall be notified to the Holders in accordance with Security Condition 10; or
  - II. if Delayed Redemption on Occurrence of Custom Index Adjustment Event is specified as being applicable in the applicable Final Terms, the Calculation Agent shall calculate the fair market value of each Security taking into account the Custom Index Adjustment Event less, unless Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements (the "**Calculated Custom Index Adjustment Event Amount**") as soon as practicable following the occurrence of the Custom Index Adjustment Event (the "**Calculated Custom Index Adjustment Event Amount Determination Date**") and on the Redemption Date shall redeem each Security at an amount calculated by the Calculation Agent equal to the Calculated Custom Index Adjustment Event Amount plus interest accrued from and including the Calculated Custom Index Adjustment Event Amount Determination

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

Date to but excluding the Redemption Date at a rate equal to the Issuer's funding cost at such time; or

- III. if Highest Value is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(a); or
  - IV. if Market Value is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or
  - V. if Monetisation Option is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(c); or
  - VI. if the Calculation Agent determines that such Custom Index Adjustment Event constitutes a force majeure, and if Index Security Condition 6.2(c)(ii)(D)VI is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption; or
- (E) in the case of a Custom Index Modification which occurs in respect of a Custom Index in the Basket of Custom Indices on the last Valuation Date, last Averaging Date or last Observation Date only, the Calculation Agent may elect to calculate the level of such Custom Index, using in lieu of the published level for the Custom Index as of the Valuation Date, Averaging Date or Observation Date, as the case may be, the level of the Custom Index as of that date determined by the Calculation Agent in accordance with the formula for and method of calculating the Custom Index last in effect prior to the Custom Index Modification but using only those components that comprised the Custom Index prior to the Custom Index Modification.

### 6.3 Notice



## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

The Calculation Agent shall, as soon as practicable, notify the relevant Security Agent or the Registrar, as the case may be, of any determination made by it pursuant to Index Security Condition 6.2 above and the action proposed to be taken in relation thereto and such Security Agent or the Registrar, as the case may be, shall make available for inspection by Holders copies of any such determinations.

### 7. **Correction of Custom Index**

If the level of the Custom Index published on a given day and used or to be used by the Calculation Agent to make any determination under the Securities, is subsequently corrected and the correction published by the relevant Index Sponsor within the number of days equal to the Custom Index Correction Period of the original publication, the level to be used shall be the level of the Custom Index as so corrected, except that any corrections published after the day which is three Business Days prior to a due date for payment under the Securities calculated by reference to the level of the Custom Index will be disregarded by the Calculation Agent for the purposes of determining the relevant amount to be paid.

### 8. **Definitions relating to Custom Indices**

"**Averaging Date**" means the dates specified as such in the applicable Final Terms or, if any such day is not a Scheduled Custom Index Business Day, the immediately succeeding Scheduled Custom Index Business Day unless, in the opinion of the Calculation Agent, such day is a Disrupted Day, in which case the provisions of Index Security Condition 6.2 (Modification and Cessation of Calculation of a Custom Index and Custom Index Disruption) shall apply;

"**Banking Day**" means any week day except for 25 December and 1 January in any year;

"**Basket of Custom Indices**" means a basket comprised of two or more Custom Indices;

"**Closing Level**" means, in respect of a Custom Index and a Custom Index Business Day, the level of such Custom Index published by the Index Sponsor in respect of such day as determined by the Calculation Agent, subject as provided in Index Security Condition 6 (Adjustments to a Custom Index and Custom Index Disruption);

"**Custom Index**" or "**Custom Indices**" mean, subject to adjustment in accordance with this Annex 2, any index or indices specified as such in the applicable Final Terms, or if not so specified, any Index which the Calculation Agent determines to be such an Index;

"**Custom Index Business Day**" means either (a) in the case of a single Custom Index, Custom Index Business Day (Single Custom Index Basis) or (b) in the case of a Basket of Custom Indices, Custom Index Business Day (All Custom Indices Basis) or Custom Index Business Day (Per Custom Index Basis), in each case as specified in the applicable Final Terms, provided that if no such specification is made in the applicable Final Terms, Custom Index Business Day (All Custom Indices Basis) shall apply;

"**Custom Index Business Day (All Custom Indices Basis)**" means any Scheduled Custom Index Business Day (a) on which the level of the Custom Index is calculated and made available and (b) that is a Custom Index Trading Day in respect of all Custom Indices in the Basket of Custom Indices;

"**Custom Index Business Day (Per Custom Index Basis)**" means, in respect of a Custom Index, any Scheduled Custom Index Business Day (a) on which the level of the Custom Index is calculated and made available and (b) that is Custom Index Trading Day;

"**Custom Index Business Day (Single Custom Index Basis)**" means any Scheduled Custom Index Business Day (a) on which the level of the Custom Index is calculated and made available and (b) that is a Custom Index Trading Day;

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

**"Custom Index Correction Period"** means the period specified in the applicable Final Terms or if none is so specified, ten (10) Scheduled Custom Index Business Days following the date on which the original level was calculated and made available by the Index Sponsor and being the date after which all corrections to the level of the Custom Index shall be disregarded for the purposes of any calculations to be made using the level of the Custom Index;

**"Custom Index Trading Day"** means, in respect of a Custom Index, any day with respect to which the Issuer and/or any of its Affiliates determines acting in good faith and in a commercially reasonable manner it is able to acquire, establish, re-establish, substitute, maintain, unwind or dispose of any asset it deems necessary to hedge its obligations in respect of such Custom Index under the Securities;

**"Disrupted Day"** means any Scheduled Custom Index Business Day on which a Custom Index Disruption Event has occurred or is continuing in the determination of the Calculation Agent, acting in good faith and in a commercially reasonable manner;

**"Index Sponsor"** means, in relation to a Custom Index, the corporation or other entity that (a) is responsible for setting and reviewing the rules and procedures and the methods of calculation and adjustments, if any, related to such Custom Index and (b) ensures the calculation and publication of the level of such Custom Index on a regular basis (directly or through an agent) in accordance with the rules of the Custom Index, which as of the Issue Date of the Securities is the index sponsor specified for such Custom Index in the applicable Final Terms;

**"Intraday Level"** means, in respect of a Custom Index and any time on a Custom Index Business Day, the level of such Custom Index published by the Index Sponsor in respect of such time or such day as determined by the Calculation Agent, subject as provided in Index Security Condition 6 (Adjustments to a Custom Index and Custom Index Disruption);

**"Observation Date"** means the dates specified as such in the applicable Final Terms or, if any such day is not a Scheduled Custom Index Business Day, the immediately succeeding Scheduled Custom Index Business Day unless, in the opinion of the Calculation Agent, such day is a Disrupted Day, in which case the provisions of Index Security Condition 6.2 (Modification and Cessation of Calculation of a Custom Index and Custom Index Disruption) above shall apply;

**"Observation Period"** means the period specified as the Observation Period in the applicable Final Terms;

**"Scheduled Custom Index Business Day"** means either (a) in the case of a single Custom Index, Scheduled Custom Index Business Day (Single Custom Index Basis) or (b) in the case of a Basket of Custom Indices, Scheduled Custom Index Business Day (All Custom Indices Basis) or Scheduled Custom Index Business Day (Per Custom Index Basis), in each case as specified in the applicable Final Terms, provided that if no such specification is made in the applicable Final Terms, Scheduled Custom Index Business Day (All Custom Indices Basis) shall apply;

**"Scheduled Custom Index Business Day (All Custom Indices Basis)"** means any Banking Day (a) on which the level of the Custom Index is scheduled to be calculated and made available and (b) that is scheduled to be a Custom Index Trading Day in respect of all Custom Indices in the Basket of Custom Indices;

**"Scheduled Custom Index Business Day (Per Custom Index Basis)"** means in respect of an Custom Index, any Banking Day (a) on which the level of the Custom Index is scheduled to be calculated and made available and (b) that is scheduled to be a Custom Index Trading Day;

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

**"Scheduled Custom Index Business Day (Single Custom Index Basis)"** means any Banking Day (a) on which the level of the Custom Index is scheduled to be calculated and made available and (b) that is scheduled to be a Custom Index Trading Day;

**"Settlement Price"** means, unless otherwise stated in the applicable Final Terms, in relation to each Cash Settled Security, subject to the provisions of this Annex and as referred to in "Valuation Date" or "Averaging Date" or "Observation Date", as the case may be:

- (a) in the case of Index Securities relating to a Basket of Custom Indices and in respect of each Custom Index comprising the Basket of Custom Indices, an amount equal to the level for each such Custom Index as determined by the Calculation Agent or, if so specified in the applicable Final Terms, the level of each such Custom Index determined by the Calculation Agent as set out in the applicable Final Terms at the Valuation Time on (a) if Averaging is not specified in the applicable Final Terms, any of the "Strike Date", "Knock-in Determination Day", "Knock-out Determination Day", "Observation Date" or the Valuation Date or (b) if Averaging is specified in the applicable Final Terms, an Averaging Date and, in either case, multiplied by the relevant Weighting; and
- (b) in the case of Index Securities relating to a single Custom Index, an amount equal to the level of the Custom Index as published by the Index Sponsor as determined by the Calculation Agent or, if so specified in the applicable Final Terms, the level of the Custom Index determined by the Calculation Agent as set out in the applicable Final Terms at the Valuation Time on (a) if Averaging is not specified in the applicable Final Terms, any of the "Strike Date", "Knock-in Determination Day", "Knock-out Determination Day", "Observation Date" or the Valuation Date or (b) if Averaging is specified in the applicable Final Terms, an Averaging Date;

**"Specified Maximum Days of Disruption"** means the number of days specified in the applicable Final Terms, or if not so specified, 20 Scheduled Custom Index Business Days;

**"Strike Date"** means the date(s) specified as such in the applicable Final Terms or, if any such day is not a Scheduled Custom Index Business Day, the immediately succeeding Scheduled Custom Index Business Day unless, in the opinion of the Calculation Agent, such day is a Disrupted Day, in which case the provisions of Index Security Condition 6.2 (Modification and Cessation of Calculation of a Custom Index and Custom Index Disruption) above shall apply;

**"Strike Price"** means, subject as referred to in "Strike Date" above:

- (a) in the case of Index Securities relating to a single Custom Index, an amount equal to the level of the Custom Index as published by the Index Sponsor as determined by the Calculation Agent or, if so specified in the applicable Final Terms, the level of the Custom Index determined by the Calculation Agent as set out in the applicable Final Terms at the Valuation Time on the Strike Date; and
- (b) in the case of Index Securities relating to a Basket of Custom Indices and in respect of each Custom Index comprising the Basket of Custom Indices, an amount equal to the level of each such Custom Index published by the relevant Index Sponsor, in each case as determined by the Calculation Agent or, if so specified in the applicable Final Terms, the level of such Custom Index determined by the Calculation Agent as set out in the applicable Final Terms at the Valuation Time on the Strike Date multiplied by the relevant Weighting;

**"Valid Date"** means a Scheduled Custom Index Business Day that is not a Disrupted Day and on which another Averaging Date or another Observation Date does not occur;

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

**"Valuation Date"** means the Interest Valuation Date and/or Automatic Early Redemption Valuation Date and/or Redemption Valuation Date, as the case may be, specified in the applicable Final Terms or, if such day is not a Scheduled Custom Index Business Day, the immediately succeeding Scheduled Custom Index Business Day unless, in the opinion of the Calculation Agent, such day is a Disrupted Day, in which case the provisions of Index Security Condition 6.2 (Modification and Cessation of Calculation of a Custom Index and Custom Index Disruption) shall apply; and

**"Valuation Time"** means, unless otherwise specified in the applicable Final Terms, the time by reference to which the Index Sponsor determines the level of the Index.

### 9. Futures Price Valuation

9.1 If "Futures Price Valuation" is specified as applicable in relation to an Index in the applicable Final Terms, in respect of such Index, the following provisions shall apply to these Index Security Conditions:

**"First Traded Price"** means, in relation to each Cash Settled Security and subject to the provisions of this Annex 2:

- (a) in the case of Index Securities relating to a Basket of Indices and in respect of each Index comprising the Basket of Indices, an amount (which shall be deemed to be a monetary value in the Index Currency) equal to the Actual First Traded Price of the relevant Current Exchange-traded Contract in respect of such Index as determined by the Calculation Agent on the relevant Settlement Price Date, multiplied by the relevant Weighting; and
- (b) in the case of Index Securities relating to a single Index, an amount (which shall be deemed to be a monetary value in the Index Currency) equal to the Actual First Traded Price of the relevant Current Exchange-traded Contract in respect of the Index as determined by the Calculation Agent on the relevant Settlement Price Date.

**"Settlement Price"** means, in relation to each Cash Settled Security and subject to the provisions of this Annex 2:

- (a) in the case of Index Securities relating to a Basket of Indices and in respect of each Index comprising the Basket of Indices, an amount (which shall be deemed to be a monetary value in the Index Currency) equal to the Official Settlement Price of the relevant Current Exchange-traded Contract in respect of such Index as determined by the Calculation Agent on (i) if Averaging is not specified in the applicable Final Terms, the relevant Settlement Price Date or (ii) if Averaging is specified in the applicable Final Terms, an Averaging Date and, in either case, multiplied by the relevant Weighting; and
- (b) in the case of Index Securities relating to a single Index, an amount (which shall be deemed to be a monetary value in the Index Currency) equal to the Official Settlement Price of the relevant Current Exchange-traded Contract in respect of the Index as determined by the Calculation Agent on (i) if Averaging is not specified in the applicable Final Terms, the relevant Settlement Price Date or (ii) if Averaging is specified in the applicable Final Terms, an Averaging Date.

For the purposes of determining whether a day is a Scheduled Trading Day where Futures Price Valuation applies in relation to any Index or (in the case of a Basket of Indices) any constituent Index any reference to such Index or constituent Index in the definition of Scheduled Trading Day will be deemed not to apply and instead a Scheduled Trading Day must be a day on which the Official Settlement Price or, if First Traded Price Applicable is specified in the applicable Final Terms, the Actual First Traded Price,

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

as applicable, is scheduled to be published by the relevant Futures or Options Exchange in relation to each such Index to which Futures Price Valuation applies.

Where Futures Price Valuation applies in relation to any Index or (in the case of a Basket of Indices) any constituent Index, an Exchange Business Day must be a day on which the relevant Futures or Options Exchange in relation to each such Index is open for trading during their regular trading session(s), notwithstanding any such Futures or Options Exchange closing prior to its scheduled weekday closing time on such Exchange Business Day, without regard to after hours or any other trading outside of the regular trading session hours.

The Disrupted Day provisions in the Security Conditions and/or these Index Security Conditions will not apply in relation to any Index or in the case of a Basket of Indices, any Index comprising the Basket of Indices in respect of which Futures Price Valuation applies, unless (other than in the case of ETS 2300 Certificates) there is a Non-Commencement or Discontinuance of the Exchange-traded Contract, in which case the Disrupted Day provisions will apply to the relevant Index or constituent Index.

For these purposes:

**"Actual First Traded Price"** means the price at which the relevant Exchange-traded Contract is first traded on the relevant Futures or Options Exchange or its clearing house at or after the Relevant Time specified in the applicable Final Terms as appearing first on the list of prices for such time published on the Relevant Futures or Options Exchange Website (as specified in the applicable Final Terms) or the Relevant FTP Screen Page (as specified in the applicable Final Terms), as applicable, or, if such Relevant Futures or Options Exchange Website or Relevant FTP Screen Page is not available, such replacement website or page as the Calculation Agent shall select or, subject to Index Security Condition 9.4 (*Non-Commencement or Discontinuance of an Exchange-traded Contract*), if the Relevant Futures or Options Exchange Website or Relevant FTP Screen Page is not available and the Calculation Agent determines that no replacement website or page exists or no such price is published after such time, the price determined by the Calculation Agent in good faith and in a commercially reasonable manner by reference to such sources as it considers appropriate.

**"Current Exchange-traded Contract"** means (a) if the Securities are not Rolling Futures Contract Securities, the Exchange-traded Contract and (b) if the Securities are Rolling Futures Contract Securities, the futures contract determined pursuant to Index Security Condition 9.2 (Rolling Futures Contract Securities) below.

**"Exchange-traded Contract"** means, in relation to an Index, the futures or options contract(s) specified as such for the Index in the applicable Final Terms, in each case, identified by reference to (a) the Index to which it relates, (b) the Futures or Options Exchange on which each such contract is traded and (c)(i) if the Securities are not Rolling Futures Contract Securities, the delivery or expiry month of such contract or (ii) if the Securities are Rolling Futures Contract Securities, the specified period of each such contract and the Futures Rollover Date.

**"Futures or Options Exchange"** means, in respect of an Index, the relevant exchange specified in the description of the Exchange-traded Contract for such Index in the applicable Final Terms.

**"Futures Rollover Date"** means either:

- (a) the date specified as such in the applicable Final Terms; or
- (b) the date selected by the Calculation Agent acting in good faith and a commercially reasonable manner within the period ("**Futures Rollover Period**") specified in the applicable Final Terms.

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

**"Non-Commencement or Discontinuance of the Exchange-traded Contract"** means there is no Official Settlement Price or, if First Traded Price Applicable is specified in the applicable Final Terms, the Actual First Traded Price, as applicable, as a result of the fact that trading in the Exchange-traded Contract never commences or is permanently discontinued at any time on or prior to Valuation Date, Observation Date, Averaging Date or other date for valuation or observation or other relevant date, as the case may be, of the relevant Index.

**"Official Settlement Price"** means the official settlement price (howsoever described under the rules of the relevant Futures or Options Exchange or its clearing house) of the relevant Exchange-traded Contract published by the relevant Futures or Options Exchange or its clearing house and as determined by the Calculation Agent.

### 9.2 Rolling Futures Contract Securities

If the applicable Final Terms specify that the Securities are "Rolling Futures Contract Securities", the Securities will be valued by reference to futures contracts relating to the Index that have delivery or expiry months that do not correspond with the term of the Securities. In such case, on or prior to the Issue Date, the Calculation Agent will select an Exchange-traded Contract and for each following day until the Futures Rollover Date such futures contract will be the Current Exchange-traded Contract. On each Futures Rollover Date the Calculation Agent will select another Exchange-traded Contract and such contract shall be the Current Exchange-traded Contract until the next occurring Futures Rollover Date. Notwithstanding the provisions of 9.3 (Adjustments to an Exchange-traded Contract) or 9.4 (Non-Commencement or Discontinuance of an Exchange-traded Contract) if on a Futures Rollover Date a Non-Commencement or Discontinuance of an Exchange-traded Contract occurs and it is impossible or materially impracticable for the Calculation Agent to select an Exchange-traded Contract and/or, unless Related Hedging is specified as not applicable in the applicable Final Terms, at such time hedge the Issuer's obligations in respect of the Securities then:

- (i) unless Delayed Redemption on Occurrence of a Non-Commencement or Discontinuance of an Exchange-traded Contract, Highest Value, Market Value or Monetisation Option are specified as being applicable in the applicable Final Terms, the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed the Issuer will pay an amount to each Holder in respect of each Security being redeemed at an amount equal to the fair market value of such Security taking into account the Non-Commencement or Discontinuance of the Exchange-traded Contract, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10;
- (ii) if Delayed Redemption on Occurrence of a Non-Commencement or Discontinuance of an Exchange-traded Contract is specified as being applicable in the applicable Final Terms, the Calculation Agent shall calculate the fair market value of each Security taking into account the Non-Commencement or Discontinuance of the Exchange-traded Contract less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements (the **"Calculated Contract Adjustment Amount"**) as soon as practicable following the occurrence of the Non-Commencement or Discontinuance of the Exchange-traded Contract (the **"Calculated Contract Adjustment Amount Determination Date"**) and on the Redemption Date shall redeem each Security at an amount calculated by the

## **ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES**

Calculation Agent equal to (x) the Calculated Contract Adjustment Amount plus interest accrued from and including the Calculated Contract Adjustment Amount Determination Date to but excluding the Redemption Date at a rate equal to Issuer's funding cost at such time or (y) if Principal Protected Termination Amount is specified as being applicable in the applicable Final Terms and if greater, the Protected Amount (specified in the applicable Final Terms);

- (iii) if Highest Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(a);
- (iv) if Market Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or
- (v) if Monetisation Option is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(c); or
- (vi) if the Calculation Agent determines that such Non-Commencement or Discontinuance of an Exchange-traded Contract constitutes a force majeure, and if Index Security Condition 9.2(vi) is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption.

### **9.3 Adjustments to an Exchange-traded Contract**

Without duplication of Index Security Condition 3 (Adjustments to an Index) or Index Security Condition 4 (Correction of Index) (which shall govern in the event of a conflict), in the event that the terms of an Exchange-traded Contract are changed or modified by the Futures or Options Exchange, the Calculation Agent shall make the appropriate adjustment, if any, to any of the Conditions and/or the applicable Final Terms to account for such change or modification.

### **9.4 Non-Commencement or Discontinuance of an Exchange-traded Contract**

Where there is a Non-Commencement or Discontinuance of an Exchange-traded Contract the Official Settlement Price or Actual First Traded Price, as applicable, for any Valuation Date, Observation Date, Averaging Date or any other relevant date for valuation or observation, as the case may be, of the relevant Index shall be deemed to be the level of the relevant Index at the close of the regular trading session on the relevant Exchange or, in the case of a Composite Index, the time at which the official closing level of the Index is calculated and published by the Index Sponsor, in each case on the Valuation Date, Observation Date, Averaging Date or other relevant date.

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

Notwithstanding the foregoing, if in respect of ETS 2300 Certificates, if on any Exchange Business Day a Non-Commencement or Discontinuance of the Exchange-traded Contract occurs, then:

- (i) unless Delayed Redemption on Occurrence of a Non-Commencement or Discontinuance of an Exchange-traded Contract, Highest Value, Market Value or Monetisation Option are specified as being applicable in the applicable Final Terms, the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed the Issuer will pay an amount to each Holder in respect of each Security being redeemed at an amount equal to the fair market value of such Security taking into account the Non-Commencement or Discontinuance of the Exchange-traded Contract, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payments being made in such manner as shall be notified to the Holders in accordance with Security Condition 10; or
- (ii) if Delayed Redemption on Occurrence of Index Adjustment Event is specified as being applicable in the applicable Final Terms, the Calculation Agent shall calculate the fair market value of each Security taking into account the Non-Commencement or Discontinuance of the Exchange-traded Contract less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements (the "**Calculated Contract Adjustment Amount**") as soon as practicable following the occurrence of the Non-Commencement or Discontinuance of the Exchange-traded Contract (the "**Calculated Contract Adjustment Amount Determination Date**") and on the Redemption Date shall redeem each Security at an amount calculated by the Calculation Agent equal to (x) the Calculated Contract Adjustment Amount plus interest accrued from and including the Calculated Contract Adjustment Amount Determination Date to but excluding the Redemption Date at a rate equal to Issuer's funding cost at such time or (y) if Principal Protected Termination Amount is specified as being applicable in the applicable Final Terms and if greater, the Protected Amount (specified in the applicable Final Terms);
- (iii) if Highest Value is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(a);
- (iv) if Market Value is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or
- (v) if Monetisation Option is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(c); or
- (vi) if the Calculation Agent determines that such Non-Commencement or Discontinuance of an Exchange-traded Contract constitutes a force majeure, and if Index Security Condition 9.4(vi)



## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption;

### 9.5 **Correction of the Official Settlement Price or Actual First Traded Price**

With the exception of any corrections published after the day which is three Business Days prior to the due date for any payment under the Securities, if the Official Settlement Price or Actual First Traded Price published on a given day and used or to be used by the Calculation Agent to make any determination under the Securities is subsequently corrected and the correction is published by the relevant Futures or Options Exchange, (a) in respect of a Composite Index, no later than five Business Days following the date of the original publication, or (b) in respect of an Index which is not a Composite Index, within the number of days equal to the Index Correction Period of the original publication, the Official Settlement Price or Actual First Traded Price, as applicable, to be used shall be the Official Settlement Price or Actual First Traded Price, as applicable, as so corrected. Corrections published after the day which is three Business Days prior to a due date for payment under the Securities will be disregarded by the Calculation Agent for the purposes of determining the relevant amount to be paid.

### 9.6 **Dislocation Event**

#### (a) Definitions

**"Dislocation Event"** means that, on any Scheduled Trading Day after the Listing Date (or, if none, the Issue Date) of the Securities, the Traded Price of a Relevant Futures Contract is less than or equal to the Dislocation Level;

**"Dislocation Level"** means the level specified as such in the applicable Final Terms or, if not so specified, 0 (zero);

**"Relevant Futures Contract"** means the Exchange-traded Contract or any other futures or options contract that references the Index to which the Exchange-traded Contract relates and is traded on the Futures or Options Exchange, irrespective of the expiry date of such futures or options contract;

**"Traded Price"** means the published traded price in respect of a Relevant Futures Contract quoted at any time on the relevant Futures or Options Exchange, as determined by the Calculation Agent.

#### (b) Consequences of a Dislocation Event

If Dislocation Event is specified as applicable in the applicable Final Terms and, in the determination of the Calculation Agent, a Dislocation Event has occurred then the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed the Issuer will pay an amount to each Holder in respect of each Security being redeemed at an amount equal to the fair market value of such Security taking into account the Dislocation Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10.

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

### 10. Equity Custom Index Provisions

If an Index is specified as a "Custom Index" in the applicable Final Terms and in respect of such Index the Asset Class Type is specified as "Equity Custom Index" in the applicable Final Terms, in respect of such Index, Index Security Conditions 6 to 8 will apply, as amended and supplemented by Index Security Conditions 11 to 14 below. In the event of any inconsistency between the provisions of Index Security Conditions 10 to 14 and the other Index Security Conditions (including Index Security Conditions 6 to 8), the provisions of Index Security Conditions 10 to 14 shall prevail.

### 11. General (Equity Custom Index)

All references in the Security Conditions and the Index Security Conditions to a "Custom Index" shall, in respect of such Custom Index, be deemed to be to an Equity Custom Index. All references in the Security Conditions and the Index Security Conditions to a "Custom Index Business Day" or a "Scheduled Custom Index Business Day" shall, in respect of such Custom Index be deemed to be to a "Scheduled Trading Day".

### 12. Adjustments to a Custom Index and Custom Index Disruption (Equity Custom Index)

#### 12.1 Modification and Cessation of Calculation of a Custom Index and Custom Index Disruption

Index Security Condition 6.2 shall be deleted and replaced with the following:

"If (a) on or prior to the Strike Date, the last Valuation Date, the last Observation Date or the last Averaging Date, the relevant Index Sponsor makes or announces that it will make a material change in the formula for or the method of calculating the relevant Custom Index or in any other way materially modifies that Custom Index (other than a modification prescribed in that formula or method to maintain that Custom Index in the event of changes in constituent stock and capitalisation and other routine events) (a "**Custom Index Modification**"), or permanently cancels the relevant Custom Index and no Successor Custom Index exists (a "**Custom Index Cancellation**"), or (b) on the Strike Date, a Valuation Date, an Observation Date or an Averaging Date, the Index Sponsor or (if applicable) the Successor Custom Index Sponsor fails to calculate and announce a relevant Custom Index (a "**Custom Index Disruption Event**" and, together with a Custom Index Modification and a Custom Index Cancellation, each a "**Custom Index Adjustment Event**"), except as may be limited in the case of U.S. Securities, then:

- (a) the Calculation Agent shall determine if such Custom Index Adjustment Event has a material effect on the Securities and, if so, shall calculate the relevant value, level or price using, in lieu of a published level for that Custom Index, the level for that Custom Index as at the Valuation Time on that Strike Date, that Valuation Date, that Observation Date or that Averaging Date, as the case may be, as determined by the Calculation Agent in accordance with the formula for and method of calculating that Custom Index last in effect prior to the change, failure or cancellation, but using only those securities that comprised that Custom Index immediately prior to that Custom Index Adjustment Event; or
- (b) the Calculation Agent may replace the relevant Custom Index with a new similar index, multiplied, if need be by a linking coefficient to ensure continuity in the condition of the underlying of the Securities; or
- (c) (i) unless Delayed Redemption on Occurrence of Custom Index Adjustment Event, Highest Value, Market Value or Monetisation Option are specified as being applicable in the applicable Final Terms, the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

the Issuer will pay an amount to each Holder in respect of each Security being redeemed at an amount equal to the fair market value of such Security taking into account the Custom Index Adjustment Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10; or

- (ii) if Delayed Redemption on Occurrence of Custom Index Adjustment Event is specified as being applicable in the applicable Final Terms, the Calculation Agent shall calculate the fair market value of each Security taking into account the Custom Index Adjustment Event less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements (the "**Calculated Custom Index Adjustment Amount**") as soon as practicable following the occurrence of the Custom Index Adjustment Event (the "**Calculated Custom Index Adjustment Amount Determination Date**") and on the Redemption Date shall redeem each Security at an amount calculated by the Calculation Agent equal to (x) the Calculated Custom Index Adjustment Amount plus interest accrued from and including the Calculated Custom Index Adjustment Amount Determination Date to but excluding the Redemption Date at a rate equal to Issuer's funding cost at such time or (y) if Principal Protected Termination Amount is specified as being applicable in the applicable Final Terms and if greater, the Protected Amount (specified in the applicable Final Terms); or
- (iii) if Highest Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Condition 34.12(a); or
- (iv) if Market Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or
- (v) if Monetisation Option is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(c); or
- (vi) if the Calculation Agent determines that such Index Adjustment Event constitutes a force majeure, and if Index Security Condition 6.2(c)(vi) is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption.

Notwithstanding the foregoing, the Calculation Agent will adjust any relevant terms of the Securities as it determines appropriate to preserve the economic equivalent of the obligations of the Issuer under the Securities."

### 12.2 **Equity Custom Index Market Disruption**

**"Equity Custom Index Market Disruption Event"** means either:

- (a) the occurrence or existence, in respect of any Component Security, of:
  - (i) an Equity Trading Disruption in respect of such Component Security, which the Calculation Agent determines is material, at any time during the one hour period that ends at the relevant Valuation Time in respect of the Exchange on which such Component Security is principally traded;
  - (ii) an Exchange Disruption in respect of such Component Security, which the Calculation Agent determines is material, at any time during the one-hour period that ends at the relevant Valuation Time in respect of the Exchange on which such Component Security is principally traded; or
  - (iii) an Early Closure in respect of such Component Security; and
- (b) in respect of a Multi-Exchange Index only, the aggregate of all Component Securities in respect of which an Equity Trading Disruption, an Exchange Disruption or an Early Closure occurs or exists comprises 20 per cent. or more of the level of such Multi-Exchange Index.

In the case of a Multi-Exchange Index, for the purposes of determining whether an Equity Custom Index Market Disruption Event exists in respect of a Component Security at any time, if an Equity Custom Index Market Disruption Event occurs in respect of such Component Security at that time, then the relevant percentage contribution of that Component Security to the level of such Multi-Exchange Index shall be based on a comparison of (x) the portion of the level of such Multi-Exchange Index attributable to that Component Security to (y) the overall level of such Multi-Exchange Index, in each case using the official opening weightings as published by the Index Sponsor as part of the market "opening data".

The Calculation Agent shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 of the occurrence of a Disrupted Day on any day that, but for the occurrence of a Disrupted Day, would have been the Strike Date, an Averaging Date, an Observation Date, the Automatic Early Redemption Valuation Date or a Valuation Date, as the case may be.

### 13. **Correction of Equity Custom Index**

Index Security Condition 7 shall be deleted and replaced with the following:

"If the level of the Custom Index published on a given day and used or to be used by the Calculation Agent to make any determination under the Securities is subsequently corrected and the correction is published by the relevant Index Sponsor or (if applicable) the relevant Successor Index Sponsor no later than five Business Days following the date of the original publication, the level to be used shall be the level of the Custom Index as so corrected, except that any corrections published after the day which is three Business Days prior to a due date for payment under the Securities calculated by reference to the

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

level of the Custom Index will be disregarded by the Calculation Agent for the purposes of determining the relevant amount to be paid."

### 14. Definitions relating to Equity Custom Indices

"**Averaging Date**" has the meaning given to it in Security Condition 28 in respect of Index Securities relating to a single Index (that is a Component Security Index);

"**Component Security**" means each component security comprising a Custom Index;

"**Disrupted Day**" means any Scheduled Trading Day on which (i) the Index Sponsor fails to publish the level of the relevant Custom Index or (ii) an Equity Custom Index Market Disruption Event has occurred;

"**Early Closure**" means the closure on any Exchange Business Day of the Exchange in respect of any Component Security prior to its Scheduled Closing Time unless such earlier closing is announced by such Exchange at least one hour prior to the earlier of (i) the actual closing time for the regular trading session on such Exchange on such Exchange Business Day and (ii) the submission deadline for orders to be entered into the Exchange system for execution at the relevant Valuation Time on such Exchange Business Day;

"**Equity Custom Index**" or "**Equity Custom Indices**" means, subject to adjustment in accordance with this Annex 2, any index or indices specified as such in the applicable Final Terms for which the Asset Class Type is specified as "Equity" in the applicable Final Terms;

"**Equity Trading Disruption**" means any suspension of or limitation imposed on trading by the relevant Exchange or otherwise and whether by reason of movements in price exceeding limits permitted by the relevant Exchange or otherwise relating to any Component Security on the Exchange in respect of such Component Security;

"**Exchange**" means, in respect of each Component Security, the principal stock exchange on which such Component Security is principally traded, as determined by the Calculation Agent;

"**Exchange Business Day**" means, in respect of a Custom Index, any Scheduled Trading Day on which:

- (a) the relevant Index Sponsor publishes the level of such Custom Index; and
- (b) each Exchange in respect of such Custom Index is open for trading during its regular trading session, notwithstanding such Exchange(s) closing prior to their Scheduled Closing Time;

"**Exchange Disruption**" means any event (other than an Early Closure) that disrupts or impairs (as determined by the Calculation Agent) the ability of market participants in general to effect transactions in, or obtain market values for any Component Security on the Exchange in respect of such Component Security;

"**Multi-Exchange Index**" means any Custom Index which the Calculation Agent determines to be a Multi-Exchange Index;

"**Observation Date**" has the meaning given to it in Security Condition 28 in respect of Index Securities;

"**Scheduled Trading Day**" means, in respect of a Custom Index, any day on which:

- (a) the relevant Index Sponsor is scheduled to publish the level of such Custom Index; and

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

- (b) each Exchange in respect of such Custom Index is scheduled to be open for trading during its regular trading session;

**"Specified Maximum Days of Disruption"** means the number of days specified in the applicable Final Terms, or if not so specified, eight Scheduled Trading Days;

**"Strike Date"** has the meaning given to it in Security Condition 28 in respect of Index Securities relating to a single Index (that is a Component Security Index); and

**"Valuation Date"** has the meaning given to it in Security Condition 28 in respect of Index Securities relating to a single Index (that is a Component Security Index).

### 15. Commodity Custom Index Provisions

If an Index is specified as a "Custom Index" in the applicable Final Terms and in respect of such Index the Asset Class Type is specified as "Commodity Custom Index" in the applicable Final Terms, in respect of such Index, Index Security Conditions 6 to 8 will apply, as amended and supplemented by Index Security Conditions 16 to 19 below. In the event of any inconsistency between the provisions of Index Security Conditions 15 to 19 and the other Index Security Conditions (including Index Security Conditions 6 to 8), the provisions of Index Security Conditions 15 to 19 shall prevail.

### 16. General (Commodity Custom Index)

All references in the Security Conditions and the Index Security Conditions to a "Custom Index" shall, in respect of such Custom Index, be deemed to be to the Commodity Custom Index. All references in the Security Conditions and the Index Security Conditions to a "Custom Index Business Day" or a "Scheduled Custom Index Business Day" shall, in respect of such Custom Index, be deemed to be to a "Commodity Business Day".

### 17. Adjustments to a Custom Index and Custom Index Disruption (Commodity Custom Index)

#### 17.1 Modification and Cessation of Calculation of a Custom Index and Custom Index Disruption

Index Security Condition 6.2 shall be deleted and replaced with the following:

"If (a) on or prior to the Strike Date, the last Valuation Date, the last Observation Date or the last Averaging Date, the relevant Index Sponsor makes or announces that it will make a material change in the formula for or the method of calculating the relevant Custom Index or in any other way materially modifies that Custom Index (other than a modification prescribed in that formula or method to maintain that Custom Index in the event of changes in constituent contracts or commodities and other routine events) (a **"Custom Index Modification"**), or permanently cancels the relevant Custom Index and no Successor Custom Index exists (a **"Custom Index Cancellation"**), or (b) on the Strike Date, a Valuation Date, an Observation Date or an Averaging Date, the Index Sponsor or (if applicable) the Successor Custom Index Sponsor fails to calculate and announce a relevant Custom Index (a **"Custom Index Disruption Event"** and, together with a Custom Index Modification and a Custom Index Cancellation, each a **"Custom Index Adjustment Event"**), except as may be limited in the case of U.S. Securities, then:

- (a) the Calculation Agent shall determine if such Custom Index Adjustment Event has a material effect on the Securities and, if so, shall calculate the Commodity Reference Price using, in lieu of a published level for the relevant Custom Index, the Commodity Fallback Value; or

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

- (b)
  - (i) unless Highest Value, Market Value or Monetisation Option are specified as applicable in the applicable Final Terms, the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed, the Issuer will pay an amount to each Holder in respect of each Security being redeemed at an amount equal to the fair market value of a Security, taking into account the Custom Index Adjustment Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10;
  - (ii) if Highest Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(a);
  - (iii) if Market Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or
  - (iv) if Monetisation Option is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(c); or
  - (v) if the Calculation Agent determines that such Commodity Index Adjustment Event constitutes a force majeure, and if Index Security Condition 6.2(b)(v) is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption.

Notwithstanding the foregoing, the Calculation Agent will adjust any relevant terms of the Securities as it determines appropriate to preserve the economic equivalent of the obligations of the Issuer under the Securities."

### 17.2 Commodity Custom Index Market Disruption

- (a) Commodity Custom Index Market Disruption Event

**"Commodity Custom Index Market Disruption Event"** means, in respect of a relevant Custom Index and as determined by the Calculation Agent, the occurrence or existence of a Price Source Disruption, Commodity Trading Disruption, Disappearance of Commodity Reference Price, Limit Price Event,

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

Material Change in Formula, Material Change in Content, Tax Disruption and/or an Index Component Disruption Event.

The Calculation Agent shall give notice as soon as practicable to Holders, in accordance with Security Condition 10 of the occurrence of a Commodity Custom Index Market Disruption Event and the action proposed to be taken in relation thereto.

(b) Consequences of a Commodity Custom Index Market Disruption Event and Disruption Fallbacks

Upon a Commodity Custom Index Market Disruption Event occurring or continuing on any Pricing Date (or, if different, the day on which prices for that Pricing Date would, in the ordinary course, be published by the Price Source), the Calculation Agent may, acting in good faith and in a commercially reasonable manner, take the action described in (i), (ii) or (iii) below:

- (i) the Calculation Agent shall determine if such event has a material effect on the Securities and, if so shall calculate the relevant Interest Amount and/or Cash Settlement Amount and/or make any other relevant calculation using, in lieu of a published price or level for the relevant Custom Index the level for such Custom Index as determined by the Calculation Agent using the Commodity Fallback Value; or
- (ii) the Calculation Agent may substitute the relevant Commodity Reference Price or Index Component with a Commodity Reference Price or Index Component, as the case may be, selected by it acting in good faith and in a commercially reasonable manner (each, a "**Substitute Commodity Reference Price**" or a "**Substitute Index Component**") for each Commodity Reference Price or Index Component, as the case may be, (each, an "**Affected Commodity Reference Price**" or "**Affected Index Component**", as the case may be), which is affected by the Commodity Custom Index Market Disruption Event and the Substitute Commodity Reference Price or Substitute Index Component, as the case may be, will be deemed to be a "**Commodity Reference Price**" or an "**Index Component**", as the case may be, for the purposes of the Securities, and the Calculation Agent will make such adjustment, if any, to any one or more of the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate, provided that in the event that any amount payable under the Securities was to be determined by reference to the Commodity Reference Price or the initial price of the Index Component, as the case may be, the Substitute Commodity Reference Price or the initial price of the Substitute Index Component, as the case may be, will be determined by the Calculation Agent acting in good faith and in a commercially reasonable manner.

Such substitution and the relevant adjustment(s) will be deemed to be effective as of the date selected by the Calculation Agent (the "**Substitution Date**") acting in good faith and in a commercially reasonable manner which may, but need not, be the relevant date of the Commodity Custom Index Market Disruption Event. Such substitution will be notified to the Holders as soon as practicable after the Substitution Date in accordance with Security Condition 10; or

- (iii) (A) unless Highest Value, Market Value or Monetisation Option are specified in the applicable Final Terms, the Issuer may redeem all but not some only of the Securities, each Security being redeemed by payment of an amount equal to the fair market value of such Security, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer of



## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10;

- (B) if Highest Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(a);
- (C) if Market Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or
- (D) if Monetisation Option is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Condition 34.12(c); or
- (E) if the Calculation Agent determines that such Commodity Custom Index Market Disruption Event constitutes a force majeure, and if Index Security Condition 17.2(b)(iii)(E) is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption.

### 18. Correction of Commodity Custom Index

Index Security Condition 7 shall be deleted and replaced with the following:

"With the exception of any corrections published after the day which is three Commodity Business Days prior to the due date for any payment under the Securities, if the Commodity Reference Price published on a given day and used or to be used by the Calculation Agent to make any determination under the Securities is subsequently corrected and the correction published by the relevant Exchange or any other person responsible for the publication or announcement of the Commodity Reference Price within 30 calendar days of the original publication, the price to be used shall be the relevant Commodity Reference Price as so corrected. Corrections published after the day which is three Commodity Business Days prior to a due date for payment under the Securities will be disregarded by the Calculation Agent for the purposes of determining the relevant amount."

### 19. Definitions relating to Commodity Custom Indices

"**Averaging Date**" means each date specified as such in the applicable Final Terms or, if any such date is not a Commodity Business Day, the immediately following Commodity Business Day unless, in the

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

opinion of the Calculation Agent, any such day is a day on which a Commodity Custom Index Market Disruption Event has occurred or is continuing, in which case the provisions of Index Security Condition 17.2(b) (Consequences of a Commodity Custom Index Market Disruption Event and Disruption Fallbacks) shall apply;

**"Commodity Business Day"** means a day in respect of which the relevant Price Source published (or, but for the occurrence of a Commodity Custom Index Market Disruption Event, would have published) a price for the relevant Custom Index;

**"Commodity Custom Index"** or **"Commodity Custom Indices"** means, subject to adjustment in accordance with this Annex 2, any index or indices specified as such in the applicable Final Terms for which the Asset Class Type is specified as "Commodity" in the applicable Final Terms comprising one or more commodities, contracts for the future delivery of a commodity, indices linked to a single commodity or indices comprised of multiple commodities (each an **"Index Component"**);

**"Commodity Fallback Value"** means, in respect of a Custom Index, the price for such Custom Index, in respect of the relevant Pricing Date determined by the Calculation Agent using the current applicable method of calculating such Custom Index using the price or level for each Index Component determined as follows:

- (a) in respect of each Index Component which is not affected by the Commodity Custom Index Market Disruption Event, the closing price or level or settlement price, as applicable, of such Index Component on such Pricing Date; and
- (b) in respect of each Index Component which is affected by the Commodity Custom Index Market Disruption Event (each an **"Affected Item"**), the closing price or level or settlement price, as applicable, for such Affected Item on the first succeeding Pricing Date that is not a Disrupted Day, unless each of the number of consecutive Pricing Dates equal to the Specified Maximum Days of Disruption immediately following the Scheduled Pricing Date is a Disrupted Day. In that case, (i) the last such consecutive Pricing Date shall be deemed to be the Pricing Date for the Affected Item, notwithstanding the fact that such day is a Disrupted Day, and (ii) the Calculation Agent shall determine the price or level of such Affected Item based upon the price at which the Issuer is able to sell or otherwise realise any hedge positions in respect of the Securities during the period of five Commodity Business Days following the last such consecutive Pricing Date;

**"Commodity Reference Price"** means, in respect of a Pricing Date, the daily official level of the Custom Index, as published by the Price Source;

**"Commodity Trading Disruption"** means the material suspension of, or the material limitation imposed on, trading in any relevant Index Component on the Exchange. For these purposes:

- (a) a suspension of the trading in the Index Component on any Commodity Business Day shall be deemed to be material only if:
  - (i) all trading in the Index Component is suspended for the entire Pricing Date; or
  - (ii) all trading in the Index Component is suspended subsequent to the opening of trading on the Pricing Date, trading does not recommence prior to the regularly scheduled close of trading in such Index Component on such Pricing Date and such suspension is announced less than one hour preceding its commencement; and

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

- (b) a limitation of trading in the relevant Index Component on any Commodity Business Day shall be deemed to be material only if the relevant Exchange establishes limits on the range within which the price of the relevant Index Component may fluctuate and the closing or settlement price of the relevant Index Component on such day is at the upper or lower limit of that range;

**"Disappearance of Commodity Reference Price"** means the disappearance or permanent discontinuance or unavailability of a Commodity Reference Price, notwithstanding the availability of the related Price Source or the status of trading in the relevant Index Component;

**"Disrupted Day"** means any day on which a Commodity Custom Index Market Disruption Event has occurred;

**"Exchange"** means, in respect of a Custom Index, the exchange or principal trading market for each Index Component comprising such Custom Index;

**"Index Component Disruption Event"** means:

- (a) the Commodity Reference Price published by the Price Source on any Pricing Date includes, or is derived from, a price for one or more Index Components published on any date between the Issue Date and such Pricing Date that is not a price published by the usual exchange or price source (whether by a failure of such exchange or price source to publish a price for an Index Component or otherwise), but is a price determined by the Price Source; or
- (b) the Commodity Reference Price published by the Price Source on any Pricing Date includes, or is derived from, a price for one or more Index Components published by the usual exchange or price source on any date between the Issue Date and such Pricing Date that, in the opinion of the Calculation Agent, has been calculated or published subject to the occurrence of market disruption or similar, or otherwise not in accordance with the usual, then-current, method used by such exchange or price source;

**"Limit Price Event"** means that the settlement price of any Index Component has increased or decreased from the previous day's published settlement price by an amount equal to the maximum amount permitted under the applicable exchange rules for such Index Component.

**"Material Change in Content"** means the occurrence after the Trade Date of a material change in the content, composition or constitution of the relevant Index Component;

**"Material Change in Formula"** means the occurrence after the Trade Date of a material change in the formula for or the method of calculating the relevant Commodity Reference Price or any Index Component used to calculate the Commodity Reference Price;

**"Observation Date"** means each date specified as an Observation Date in the applicable Final Terms or if any such date is not a Commodity Business Day, the immediately following Commodity Business Day. The provisions contained in the definition of "Averaging Date" shall apply if any such day is a day on which a Commodity Custom Index Market Disruption Event has occurred or is continuing, mutatis mutandis as if references in such provisions to "Averaging Date" were to "Observation Date" unless Observation Day Disruption Consequences is specified as not applicable in the applicable Final Terms, in which case such date will be an Observation Date notwithstanding the occurrence of a Commodity Custom Index Market Disruption Event and the provisions of Index Security Condition 17.2(b) (Consequences of a Commodity Custom Index Market Disruption Event and Disruption Fallbacks) shall apply;

## ANNEX 2 – ADDITIONAL TERMS AND CONDITIONS FOR INDEX SECURITIES

**"Price Source"** means the Index Sponsor;

**"Price Source Disruption"** means (a) the failure of the Price Source to announce or publish the Commodity Reference Price, or (b) the temporary or permanent discontinuance or unavailability of the Price Source;

**"Pricing Date"** means each date specified in the applicable Final Terms as being the Strike Date, an Averaging Date, an Observation Date, a Valuation Date, an Automatic Early Redemption Valuation Date or the Valuation Date or if any such date is not a Commodity Business Day, the immediately succeeding Commodity Business Day, unless, in the opinion of the Calculation Agent, such day is a Disrupted Day, in which case, the relevant Pricing Date shall be the first succeeding Commodity Business Day that is not a Disrupted Day, unless each of the number of consecutive Commodity Business Days equal to the Specified Maximum Days of Disruption immediately following the Scheduled Pricing Date is a Disrupted Day. In that case, (A) the last such consecutive Commodity Business Day shall be deemed to be the Pricing Date notwithstanding the fact that such day is a Disrupted Day, and (B) the Calculation Agent shall take action in accordance with the provisions of Index Security Condition 17.2(b) (Consequences of a Commodity Custom Index Market Disruption Event and Disruption Fallbacks);

**"Relevant Price"** means, for any Pricing Date, the price, expressed as the price of any Index Component, determined with respect to that day for the specified Commodity Reference Price calculated as provided in these Index Security Conditions and the applicable Final Terms;

**"Scheduled Pricing Date"** means any original date that, but for the occurrence of an event causing a Commodity Custom Index Market Disruption Event, would have been a Pricing Date;

**"Settlement Price"** means the Commodity Reference Price;

**"Specified Maximum Days of Disruption"** means the number of days specified in the applicable Final Terms, or if not so specified, five Commodity Business Days;

**"Strike Date"** means the date specified as such in the applicable Final Terms;

**"Tax Disruption"** means the imposition of, change in or removal of an excise, severance, sales, use, value-added, transfer, stamp, documentary, recording or similar tax on, or measured by reference to, any Index Component (other than a tax on, or measured by reference to overall gross or net income) by any government or taxation authority after the Trade Date, if the direct effect of such imposition, change or removal is to raise or lower the Relevant Price on the day that would otherwise be a Pricing Date from what it would have been without that imposition, change or removal; and

**"Valuation Date"** means the date specified as such in the applicable Final Terms.

## ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

### ANNEX 3

#### ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

##### CONTENTS

1.	Definitions .....	712
2.	Market Disruption.....	717
3.	Potential Adjustment Events.....	717
4.	Extraordinary Events .....	719
5.	Correction of Share Price.....	726
6.	Dividend Payment.....	726
7.	GDR/ADR .....	727
8.	Definitions relating to GDR/ADR .....	727
9.	General (GDR/ADR) .....	727
10.	Share Event .....	727
11.	Potential Adjustment Event (GDR/ADR).....	728
12.	Extraordinary Events (GDR/ADR) .....	728
13.	Stapled Shares.....	728
14.	General (Stapled Shares).....	728
15.	Potential Adjustment Events (Stapled Shares).....	728
16.	Extraordinary Events (Stapled Shares) .....	728
17.	Dividend Payment (Stapled Shares).....	729
18.	De-Stapling .....	729
19.	Substitution following the occurrence of a De-Stapling .....	729

If specified as applicable in the applicable Final Terms, the terms and conditions applicable to Securities specified in the applicable Final Terms as Share Securities shall comprise the terms and conditions of Securities (the "**Security Conditions**") and the additional Terms and Conditions for Share Securities set out below (the "**Share Security Conditions**"), in each case together with any other additional terms and conditions specified in the applicable Final Terms and subject to completion in the applicable Final Terms. In the event of any inconsistency between (i) the Security Conditions and (ii) the Share Security Conditions, the Share Security Conditions shall prevail.

#### 1. Definitions

"**Basket Company**" means each company specified as such in the applicable Final Terms and "**Basket Companies**" means all such companies;

"**Basket of Shares**" means (a) a basket composed of Shares of each Basket Company specified in the applicable Final Terms in the weightings or numbers of Shares of each Basket Company specified in the applicable Final Terms or (b) a Relative Performance Basket;

"**China Connect Disruption**" means (a) any suspension of or limitation imposed on routing of orders (whether in respect of buy orders only, sell orders only or both buy and sell orders) through the China Connect Service, relating to the Share(s) on any relevant China Connect Exchange or (b) any event (other than a China Connect Early Closure) that disrupts or impairs (as determined by the Calculation Agent) the ability of the market participants in general to enter orders in respect of the Share(s) through the China Connect Service;

"**China Connect Early Closure**" means the closure on any Exchange Business Day of the China Connect Service prior to its Scheduled Closing Time unless such earlier closing time is announced by

### ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

SEHK or any relevant China Connect Exchange, as the case may be, at least one hour prior to the earlier of (a) the actual closing time for routing orders through the China Connect Service on such Exchange Business Day and (b) the submission deadline for orders to be entered into the China Connect Service system for execution on any relevant China Connect Exchange at the Valuation Time on such Exchange Business Day;

**"China Connect Exchange"** means each of the Shanghai Stock Exchange, the Shenzhen Stock Exchange and any other exchange in mainland China eligible for providing the China Connect Service from time to time;

**"China Connect Service"** means the securities trading and clearing links programme developed by the China Connect Exchanges, SEHK, CSDCC and HKSCC, through which (a) SEHK and/or its affiliates provides order routing and other related services for certain eligible securities traded on any relevant China Connect Exchange and (b) CSDCC and HKSCC provides clearing, settlement, depository and other services in relation to such securities;

**"Clearance System"** means the principal domestic clearance system customarily used for settling trades in the relevant Share;

**"Clearance System Days"** means, in respect of a Clearance System, any day on which such Clearance System is (or, but for the occurrence of an event which results in the Clearance System being unable to clear the transfer of a relevant security would have been) open for the acceptance and execution of settlement instructions;

**"Closing Price"** means, in respect of a Share and a Scheduled Trading Day, the official closing price of such Share on such day as determined by the Calculation Agent, subject as provided in Share Security Condition 3 (Potential Adjustment Events) and Share Security Condition 4 (Extraordinary Events) (as amended where "GDR/ADR" or "Stapled Shares" is specified as applicable in the applicable Final Terms);

**"Disrupted Day"** means any Scheduled Trading Day on which (i) a relevant Exchange or any Related Exchange fails to open for trading during its regular trading session, (ii) a Market Disruption Event has occurred or (iii) if "China Connect" is specified as applicable in the applicable Final Terms, the China Connect Service fails to open for routing orders during its regular order routing session;

**"Early Closure"** means the closure on any Exchange Business Day of the relevant Exchange(s) or any Related Exchange(s) prior to its Scheduled Closing Time unless such earlier closing time is announced by such Exchange(s) or such Related Exchange(s), as the case may be, at least one hour prior to the earlier of (a) the actual closing time for the regular trading session on such Exchange(s) or such Related Exchange(s) on such Exchange Business Day and (b) the submission deadline for orders to be entered into the Exchange or Related Exchange system for execution at the Valuation Time on such Exchange Business Day;

**"Exchange"** means, in respect of a Share, each exchange or quotation system specified as such for such Share in the applicable Final Terms, any successor to such exchange or quotation system or any substitute exchange or quotation system to which trading in the Share has temporarily relocated (provided that the Calculation Agent has determined that there is comparable liquidity relative to such Share on such temporary substitute exchange or quotation system as on the original Exchange);

**"Exchange Business Day"** means either (a) in the case of a single Share, Exchange Business Day (Single Share Basis) or (b) in the case of a Basket of Shares, (i) Exchange Business Day (All Shares Basis) or (ii) Exchange Business Day (Per Share Basis), in each case as specified in the applicable Final Terms,

### ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

provided that, if no such specification is made in the applicable Final Terms, Exchange Business Day (Per Share Basis) shall apply;

**"Exchange Business Day (All Shares Basis)"** means, in respect of a Basket of Shares, any Scheduled Trading Day on which (a) each Exchange and each Related Exchange, if any, are open for trading in respect of all Shares comprised in the Basket of Shares during their respective regular trading session(s) notwithstanding any such Exchange or Related Exchange closing prior to their Scheduled Closing Time and (b) if "China Connect" is specified as applicable in the applicable Final Terms, the China Connect Service is open for routing orders in respect of all Shares comprised in the Basket of Shares and traded and cleared through the China Connect Service during its regular order routing sessions, notwithstanding the China Connect Service closing prior to its Scheduled Closing Time;

**"Exchange Business Day (Per Share Basis)"** means, in respect of a Share, any Scheduled Trading Day on which (a) the relevant Exchange and the relevant Related Exchange, if any, in respect of such Share are open for trading during their respective regular trading session(s), notwithstanding any such relevant Exchange or relevant Related Exchange closing prior to their Scheduled Closing Time and (b) if "China Connect" is specified as applicable in the applicable Final Terms in respect of such Share, the China Connect Service is open for routing orders in respect of such Share during its regular order routing sessions, notwithstanding the China Connect Service closing prior to its Scheduled Closing Time;

**"Exchange Business Day (Single Share Basis)"** means any Scheduled Trading Day on which (a) the relevant Exchange and the relevant Related Exchange, if any, are open for trading during their respective regular trading session(s), notwithstanding any such relevant Exchange or relevant Related Exchange closing prior to their Scheduled Closing Time and (b) the China Connect Service is open for routing orders during its regular order routing sessions, notwithstanding the China Connect Service closing prior to its Scheduled Closing Time;

**"Exchange Disruption"** means any event (other than an Early Closure) that disrupts or impairs (as determined by the Calculation Agent) the ability of market participants in general (a) to effect transactions in, or obtain market values for, the Share(s) on the Exchange or (b) to effect transactions in, or obtain market values for, futures or options contracts on or relating to the Share(s) on any relevant Related Exchange;

**"Extraordinary Event Effective Date"** means, in respect of an Extraordinary Event, the date on which such Extraordinary Event occurs, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner;

**"Intraday Price"** means, in respect of a Share and any time on a Scheduled Trading Day, the published or quoted price of such Share at such time on such day as determined by the Calculation Agent, subject as provided in Share Security Condition 3 (Potential Adjustment Events) and Share Security Condition 4 (Extraordinary Events) (as amended where "GDR/ADR" or "Stapled Shares" is specified as applicable in the applicable Final Terms);

**"Italian Securities Reference Price"** means the *Prezzo di Riferimento*, which means, in relation to a Share and a Scheduled Trading Day, the price for such Share published by the Italian Stock Exchange at the close of trading for such day and having the meaning ascribed thereto in the Rules of the Market organised and managed by the Italian Stock Exchange, as such Rules may be amended by the Borsa Italiana S.p.a from time to time;

**"Protected Amount"** means the amount specified as such in the applicable Final Terms;

### ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

**"Related Exchange"** means, in relation to a Share, each exchange or quotation system specified as such for such Share in the applicable Final Terms, any successor to such exchange or quotation system or any substitute exchange or quotation system to which trading in futures or options contracts relating to such Share has temporarily relocated (provided that the Calculation Agent has determined that there is comparable liquidity relative to the futures or options contracts relating to such Share on such temporary substitute exchange or quotation system as on the original Related Exchange), provided that where "All Exchanges" is specified as the Related Exchange in the applicable Final Terms, **"Related Exchange"** shall mean each exchange or quotation system where trading has a material effect (as determined by the Calculation Agent) on the overall market for futures or options contracts relating to such Share;

**"Relative Performance Basket"** means a basket composed of Shares of each Basket Company specified in the applicable Final Terms where no weighting shall be applicable and where the Cash Settlement Amount shall be determined by reference to the Share which is either (a) the best performing, or (b) the worst performing, in each case as specified in the applicable Final Terms;

**"Scheduled Trading Day"** means either (a) in the case of a single Share, Scheduled Trading Day (Single Share Basis) or (b) in the case of a Basket of Shares, (i) Scheduled Trading Day (All Shares Basis) or (ii) Scheduled Trading Day (Per Share Basis), in each case as specified in the applicable Final Terms, provided that, if no such specification is made in the applicable Final Terms, Scheduled Trading Day (Per Share Basis) shall apply;

**"Scheduled Trading Day (All Shares Basis)"** means, in respect of a Basket of Shares, (a) any day on which each Exchange and each Related Exchange are scheduled to be open for trading in respect of all Shares comprised in the Basket of Shares during their respective regular trading session(s) and (b) if "China Connect" is specified as applicable in the applicable Final Terms, the China Connect Service is scheduled to be open for routing orders for its regular order routing sessions;

**"Scheduled Trading Day (Per Share Basis)"** means, in respect of a Share, (a) any day on which the relevant Exchange and the relevant Related Exchange in respect of such Share are scheduled to be open for trading during their respective regular trading session(s) and (b) if "China Connect" is specified as applicable in the applicable Final Terms in respect of such Share, the China Connect Service is scheduled to be open for routing orders for its regular order routing sessions;

**"Scheduled Trading Day (Single Share Basis)"** means (a) any day on which the relevant Exchange and the relevant Related Exchange are scheduled to be open for trading during their respective regular trading session(s) and (b) if "China Connect" is specified as applicable in the applicable Final Terms, the China Connect Service is scheduled to be open for routing orders for its regular order routing sessions;

**"Settlement Cycle"** means in respect of a Share, the period of Clearance System Days following a trade in the Share on the Exchange in which settlement will customarily occur according to the rules of such Exchange;

**"Settlement Price"** means, in relation to each Cash Settled Security and subject to the provisions of this Annex 3 and as referred to in "Strike Date", "Averaging Date", "Observation Date" or "Valuation Date", as the case may be:

- (a) in the case of Share Securities relating to a Basket of Shares and in respect of each Share comprising the Basket of Shares, an amount equal to the official closing price or the Italian Securities Reference Price, as specified in the applicable Final Terms, (or the price at the Valuation Time on the relevant Settlement Price Date or an Averaging Date, as the case may be, if so specified in the applicable Final Terms) quoted on the relevant Exchange for such Share on (i) if Averaging is not specified in the applicable Final Terms, the relevant Settlement Price



### ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

Date or (ii) if Averaging is specified in the applicable Final Terms, an Averaging Date, or, other than in the case of ETS 2300 Certificates, if in the opinion of the Calculation Agent, any such official closing price or Italian Securities Reference Price (or the price at the Valuation Time on the relevant Settlement Price Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) cannot be so determined and the relevant Settlement Price Date or Averaging Date, as the case may be, is not a Disrupted Day, an amount determined by the Calculation Agent to be equal to the arithmetic mean of the closing fair market buying price (or the fair market buying price at the Valuation Time on the relevant Settlement Price Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) and the closing fair market selling price (or the fair market selling price at the Valuation Time on the relevant Settlement Price Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) for such Share whose official closing price or Italian Securities Reference Price (or the price at the Valuation Time on the relevant Settlement Price Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) cannot be determined by the Calculation Agent, acting in good faith and a commercially reasonable manner, either on the arithmetic mean of the foregoing prices or middle market quotations provided to it by two or more financial institutions (as selected by the Calculation Agent) engaged in the trading of such Share (or on such other factors as the Calculation Agent shall decide), multiplied by the relevant Weighting, such amount to be converted, if so specified in the applicable Final Terms, into the Settlement Currency at the Exchange Rate, all as determined by or on behalf of the Calculation Agent acting in good faith and in a commercially reasonable manner; and

- (b) in the case of Share Securities relating to a single Share, an amount equal to the official closing price or the Italian Securities Reference Price, as specified in the applicable Final Terms, (or the price at the Valuation Time on the relevant Settlement Price Date or an Averaging Date, as the case may be, if so specified in the applicable Final Terms) quoted on the relevant Exchange for such Share on (i) if Averaging is not specified in the applicable Final Terms, the relevant Settlement Price Date or (ii) if Averaging is specified in the applicable Final Terms, an Averaging Date, or, other than in the case of ETS 2300 Certificates, if, in the opinion of the Calculation Agent, any such official closing price or Italian Securities Reference Price (or the price at the Valuation Time on the relevant Settlement Price Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) cannot be so determined and the relevant Settlement Price Date or Averaging Date, as the case may be, is not a Disrupted Day, an amount determined by the Calculation Agent to be equal to the arithmetic mean of the closing fair market buying price (or the fair market buying price at the Valuation Time on the relevant Settlement Price Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) and the closing fair market selling price (or the fair market selling price at the Valuation Time on the relevant Settlement Price Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) for the Share determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, either on the arithmetic mean of the foregoing prices or middle market quotations provided to it by two or more financial institutions (as selected by the Calculation Agent) engaged in the trading of the Share (or on such other factors as the Calculation Agent shall decide), such amount to be converted, if so specified in the applicable Final Terms, into the Settlement Currency at the Exchange Rate and such converted amount to be the Settlement Price, all as determined by or on behalf of the Calculation Agent acting in good faith and in a commercially reasonable manner;

## ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

**"Settlement Price Date"** means the Strike Date, an Observation Date or the Valuation Date, as the case may be, or if the Securities are ETS 2300 Certificates, an Exchange Business Day and the Valuation Date;

**"Shares"** and **"Share"** mean, subject to adjustment in accordance with this Annex 3, in the case of an issue of Securities relating to a Basket of Shares, each share and, in the case of an issue of Securities relating to a single Share, the share, specified in the applicable Final Terms and related expressions shall be construed accordingly;

**"Share Company"** means, in the case of an issue of Securities relating to a single Share, the company that has issued such Share;

**"Share Correction Period"** means (a) the period specified in the applicable Final Terms, or (b) if none is so specified, one Settlement Cycle;

**"Stapled Shares"** mean the two or more shares that are attached to each other, such that:

- (a) each such share may not be held, owned, sold, transferred, purchased or otherwise dealt with as an individual share and may only be dealt with as a single unit of such attached shares;
- (b) such attached shares are issued with a single ISIN; and
- (c) where applicable, such attached shares are listed and admitted to trading as a single unit,

each constituent share comprising the Stapled Shares being a **"Stapled Share Constituent"**; and

**"Trading Disruption"** means any suspension of or limitation imposed on trading by the relevant Exchange or Related Exchange or otherwise and whether by reason of movements in price exceeding limits permitted by the relevant Exchange or any Related Exchange or otherwise (a) relating to the Share on the Exchange; or (b) in futures or options contracts relating to the Share on any relevant Related Exchange.

### 2. Market Disruption

**"Market Disruption Event"** means, in relation to Securities relating to a single Share or a Basket of Shares, in respect of a Share, the occurrence or existence of (a) a Trading Disruption, (b) an Exchange Disruption, which in either case the Calculation Agent determines is material, at any time during the one hour period that ends at the relevant Valuation Time, (c) an Early Closure or (d) if "China Connect" is specified as applicable in the applicable Final Terms, (i) a China Connect Disruption which the Calculation Agent determines is material at any time during the one hour period that ends at the relevant Valuation Time or (ii) a China Connect Early Closure.

The Calculation Agent shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 of the occurrence of a Disrupted Day on any day that, but for the occurrence of a Disrupted Day, would have been the Strike Date, an Averaging Date, an Observation Date, the Automatic Early Redemption Valuation Date or a Valuation Date, as the case may be.

### 3. Potential Adjustment Events

**"Potential Adjustment Event"** means any of the following:

- (a) a subdivision, consolidation or reclassification of the relevant Shares (unless resulting in a Merger Event) or a free distribution or dividend of any such Shares to existing holders by way of bonus, capitalisation or similar issue;

### ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

- (b) a distribution, issue or dividend to existing holders of the relevant Shares of (i) such Shares or (ii) other share capital or securities granting the right to payment of dividends and/or the proceeds of liquidation of the Basket Company or Share Company, as the case may be, equally or proportionately with such payments to holders of such Shares or (iii) share capital or other securities of another issuer acquired or owned (directly or indirectly) by the Basket Company or Share Company, as the case may be, as a result of a spin-off or other similar transaction or (iv) any other type of securities, rights or warrants or other assets, in any case for payment (in cash or in other consideration) at less than the prevailing market price as determined by the Calculation Agent;
- (c) an extraordinary dividend as determined by the Calculation Agent;
- (d) a call by a Basket Company or Share Company, as the case may be, in respect of relevant Shares that are not fully paid;
- (e) a repurchase by the Basket Company or its subsidiaries or Share Company or its subsidiaries, as the case may be, of relevant Shares whether out of profits or capital and whether the consideration for such repurchase is cash, securities or otherwise;
- (f) in respect of a Basket Company or Share Company, as the case may be, an event that results in any shareholder rights being distributed or becoming separated from shares of common stock or other shares of the capital stock of such Basket Company or Share Company, as the case may be, pursuant to a shareholder rights plan or arrangement directed against hostile takeovers that provides upon the occurrence of certain events for a distribution of preferred stock, certificates, warrants, debt instruments or stock rights at a price below their market value as determined by the Calculation Agent, provided that any adjustment effected as a result of such an event shall be readjusted upon any redemption of such rights; or
- (g) any other event that may have, in the opinion of the Calculation Agent, a diluting or concentrative effect on the theoretical value of the relevant Shares.

**"Potential Adjustment Event Effective Date"** means, in respect of a Potential Adjustment Event, the date on which such Potential Adjustment Event is announced by the relevant Basket Company or Share Company, as the case may be, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner.

Except as may be limited in the case of U.S. Securities, following the declaration by the Basket Company or Share Company, as the case may be, of the terms of any Potential Adjustment Event, the Calculation Agent will, acting in good faith and in a commercially reasonable manner, determine whether such Potential Adjustment Event has a diluting or concentrative effect on the theoretical value of the Shares and, if so, will (a) make the corresponding adjustment, if any, to any one or more of any Relevant Asset and/or the Entitlement (where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate to account for that diluting or concentrative effect (provided that no adjustments will be made to account solely for changes in volatility, expected dividends, stock loan rate or liquidity relative to the relevant Share) and (b) determine the effective date of that adjustment. The Calculation Agent may, but need not, determine the appropriate adjustment by reference to the adjustment in respect of such Potential Adjustment Event made by an options exchange to options on the Shares traded on that options exchange.

### ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

Notwithstanding the foregoing, the Calculation Agent will adjust any relevant terms of the Securities as it determines appropriate to preserve the economic equivalent of the obligations of the Issuer under the Securities.

Upon the making of any such adjustment by the Calculation Agent, the Calculation Agent shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 stating the adjustment to any Relevant Asset and/or the Entitlement (where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms and giving brief details of the Potential Adjustment Event and the Potential Adjustment Event Effective Date.

#### 4. Extraordinary Events

- 4.1 The occurrence of any of De-Listing, Insolvency, Merger Event, Nationalisation, Stapling, Tender Offer (unless Tender Offer is specified as not applicable in the applicable Final Terms), or, if specified as applicable in the applicable Final Terms, Illiquidity, Listing Change, Listing Suspension, CSR Event, China Connect Share Disqualification or China Connect Service Termination as the case may be, shall be an "**Extraordinary Event**", the consequences of which are set forth in Share Security Condition 4.2.

"**China Connect Share Disqualification**" means, on or after the Trade Date, the Shares cease to be accepted as "China Connect Securities" (as defined in the rules of SEHK) for the purposes of the China Connect Service.

"**China Connect Service Termination**" means, on or after the Trade Date, the announcement by any one or more of the China Connect Exchanges, SEHK, the CSDCC, HKSCC or any regulatory authority with competent jurisdiction of a suspension or termination of the China Connect Service or a part thereof for any reason which materially affects the routing of orders in respect of, or holding of, the Shares through the China Connect Service and the Calculation Agent determines that there is a reasonable likelihood that such suspension or termination is not, or will not be, temporary.

"**CSDCC**" means the China Securities Depository and Clearing Corporation.

"**CSR Event**" means, in respect of Share Securities relating to a Basket of Shares, any negative change in any Non-Financial Rating of a Basket Company when compared to such Non-Financial Rating as at the Issue Date of the first tranche of the Series, if such change is material, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner.

"**De-Listing**" means, in respect of any relevant Shares, the Exchange announces that pursuant to the rules of such Exchange, such Shares cease (or will cease) to be listed, traded or publicly quoted on the Exchange for any reason (other than a Merger Event or Tender Offer) and are not immediately re-listed, re-traded or re-quoted on (a) where the Exchange is located in the United States, any of the New York Stock Exchange, the American Stock Exchange or the NASDAQ National Market System (or their respective successors) or (b) a comparable exchange or quotation system located in the same country as the Exchange (or, where the Exchange is within the European Union, in a member state of the European Union).

"**HKSCC**" means the Hong Kong Securities Clearing Company Limited.

"**Illiquidity**" means, in respect of Share Securities relating to a Basket of Shares, that, in the determination of the Calculation Agent, during any period of five consecutive Scheduled Trading Days, notwithstanding the occurrence of a Disrupted Day, falling after the Issue Date (the "**Relevant Period**"), (a) the difference between the bid prices and the ask prices in respect of a Share during the Relevant

### ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

Period is greater than 1 per cent. (based on an arithmetic mean average over the Relevant Period), and/or (b) the arithmetic mean average purchase price or the arithmetic mean average selling price, determined by the Calculation Agent from the order book of the relevant Share on the relevant Exchange during the Relevant Period, in relation to the purchase or sale of Shares with a value equal to or greater than EUR 10,000.00, is greater than MID plus 1 per cent. (in relation to a purchase of Shares) or lower than the MID minus 1 per cent. (in relation to a sale of Shares). For these purposes, "**MID**" means an amount equal to (i) the sum of the bid price and the ask price, in each case for the relevant Share at the relevant time, (ii) divided by two.

"**Insolvency**" means that by reason of the voluntary or involuntary liquidation, bankruptcy, insolvency, dissolution or winding-up of or any analogous proceeding affecting the Basket Company or Share Company, as the case may be, (a) all the Shares of that Basket Company or Share Company, as the case may be, are required to be transferred to a trustee, liquidator or other similar official or (b) holders of the Shares of that Basket Company or Share Company, as the case may be, become legally prohibited from transferring them.

"**Listing Change**" means, in respect of any relevant Shares, that such Shares cease (or will cease) to be listed, traded or publicly quoted on the listing compartment or the relevant market of the Exchange on which such Shares were listed, traded or publicly quoted on the Issue Date of the relevant Securities, for any reason (other than a Merger Event or Tender Offer).

"**Listing Suspension**" means, in respect of any relevant Shares, that the listing of such Shares on the Exchange has been suspended.

"**Merger Event**" means, in respect of any relevant Shares, any:

- (a) reclassification or change of such Shares that results in a transfer of or an irrevocable commitment to transfer all of such Shares outstanding to another entity or person,
- (b) consolidation, amalgamation, merger or binding share exchange of a Basket Company or Share Company, as the case may be, with or into another entity or person (other than a consolidation, amalgamation, merger or binding share exchange in which such Basket Company or Share Company, as the case may be, is the continuing entity and which does not result in a reclassification or change of all of such Shares outstanding),
- (c) takeover offer, tender offer, exchange offer, solicitation, proposal or other event by any entity or person to purchase or otherwise obtain 100 per cent. of the outstanding Shares of the Basket Company or Share Company, as the case may be, that results in a transfer of or an irrevocable commitment to transfer all such Shares (other than such Shares owned or controlled by such other entity or person), or
- (d) consolidation, amalgamation, merger or binding share exchange of the Basket Company or its subsidiaries or the Share Company or its subsidiaries, as the case may be, with or into another entity in which the Basket Company or Share Company, as the case may be, is the continuing entity and which does not result in a reclassification or change of all such Shares outstanding but results in the outstanding Shares (other than Shares owned or controlled by such other entity) immediately prior to such event collectively representing less than 50 per cent. of the outstanding Shares immediately following such event,

in each case if the relevant Extraordinary Event Effective Date is on or before (i) in the case of Cash Settled Securities, the last occurring Valuation Date or where Averaging is specified in the applicable

### ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

Final Terms, the final Averaging Date in respect of the relevant Security or (ii) in the case of Physical Delivery Securities, the relevant Redemption Date.

**"Nationalisation"** means that all the Shares or all or substantially all the assets of the Basket Company or Share Company, as the case may be, are nationalised, expropriated or are otherwise transferred to any governmental agency, authority, entity or instrumentality thereof.

**"Non-Financial Rating"** means the rating assigned to the Basket Company by the relevant non-financial rating agency being an entity assigning ratings based on corporate social responsibility including corporate governance and ethical business conduct, social and human resources policy, environmental protection policy and social initiatives (each such agency, a **"Non-Financial Rating Agency"**).

**"SEHK"** means the Stock Exchange of Hong Kong Limited.

**"Stapling"** means, in the determination of the Calculation Agent, a Share becomes a Stapled Share Constituent.

**"Tender Offer"** means a takeover offer, tender offer, exchange offer, solicitation, proposal or other event by any entity or person that results in such entity or person purchasing, or otherwise obtaining or having the right to obtain, by conversion or other means, greater than 50 per cent. and less than 100 per cent. of the outstanding voting shares of the Basket Company or Share Company, as the case may be, as determined by the Calculation Agent, based upon the making of filings with governmental or self-regulatory agencies or such other information as the Calculation Agent deems relevant.

#### 4.2 Consequences of the occurrence of an Extraordinary Event:

If an Extraordinary Event occurs in relation to a Share, the Issuer may take any of the relevant actions described in (a), (c) or (d) (in the case of Securities relating to either a single Share or a Basket of Shares), or (b) or (e) (in the case of Securities relating to a Basket of Shares) (except as may be limited in the case of U.S. Securities) as it deems appropriate:

- (a) require the Calculation Agent to determine acting in good faith and in a commercially reasonable manner the appropriate adjustment, if any, to be made to any one or more of any Relevant Asset and/or the Entitlement (in each case where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms to account for the relevant Extraordinary Event and determine the effective date of that adjustment. The relevant adjustments may include, without limitation, adjustments to account for changes in volatility, expected dividends, stock loan rate or liquidity relevant to the Shares or to the Securities. The Calculation Agent may (but need not) determine the appropriate adjustment by reference to the adjustment in respect of the relevant Extraordinary Event made by any options exchange to options on the Shares traded on that options exchange. In addition, in relation to a Basket of Shares, the Calculation Agent may adjust the Basket of Shares in accordance with the provisions of subparagraph (e) below;
- (b) in the case of Share Securities relating to a Basket of Shares, redeem in part by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed in part the portion (the **"Settled Amount"**) of each Security, representing the affected Share(s) shall be cancelled and the Issuer will:
  - (i) if Highest Value is specified as applicable in the applicable Final Terms, pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(a);

### ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

- (ii) if Market Value is specified as applicable in the applicable Final Terms, pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or
- (iii) if the Calculation Agent determines that such Extraordinary Event constitutes a force majeure, and if Share Security Condition 4.2(b)(iii) is specified in the applicable Final Terms, the Issuer will pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of the Settled Amount, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem in part the Securities at the Settled Amount) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of partial redemption; or
- (iv) otherwise, pay to each Holder in respect of each Security held by him an amount equal to the fair market value of the Settled Amount taking into account the relevant Extraordinary Event, less, unless if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner; and
- (v) require the Calculation Agent to determine acting in good faith and in a commercially reasonable manner the appropriate adjustment, if any, to be made to any one or more of any Relevant Asset and/or the Entitlement (in each case where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms to account for such redemption in part.

For the avoidance of doubt the remaining part of each Security after such redemption and adjustment shall remain outstanding with full force and effect. Payments will be made in such manner as shall be notified to the Holders in accordance with Security Condition 10;

- (c) (i) unless Delayed Redemption on Occurrence of an Extraordinary Event, Highest Value, Market Value or Monetisation Option are specified as being applicable in the applicable Final Terms, on giving notice to Holders in accordance with Security Condition 10 redeem all but not some only of the Securities at the amount equal to the fair market value of such Security taking into account the relevant Extraordinary Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10; or
- (ii) if Delayed Redemption on Occurrence of an Extraordinary Event is specified as being applicable in the applicable Final Terms, the Calculation Agent shall calculate the fair market value of such Security, taking into account the relevant Extraordinary Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements (the "**Calculated Extraordinary Event Amount**") as soon as practicable following the occurrence of the relevant Extraordinary Event (the "**Calculated Extraordinary Event Amount**")

### ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

- Determination Date**") and on the Redemption Date shall redeem each Security at an amount calculated by the Calculation Agent equal to (x) the Calculated Extraordinary Event Amount plus interest accrued from and including the Calculated Extraordinary Event Amount Determination Date to but excluding the Redemption Date at a rate equal to Issuer's funding cost at such time or (y) if Principal Protected Termination Amount is specified as applicable in the applicable Final Terms and if greater, the Protected Amount (specified in the applicable Final Terms); or
- (iii) if Highest Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(a);
  - (iv) if Market Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or
  - (v) if Monetisation Option is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(c);
  - (vi) if the Calculation Agent determines that an Extraordinary Event constitutes a force majeure, and if Share Security Condition 4.2(c)(vi) is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption; or
- (d) following such adjustment to the settlement terms of options on the Shares traded on such exchange(s) or quotation system(s) as the Issuer shall select (the "**Options Exchange**"), require the Calculation Agent to make a corresponding adjustment to any one or more of any Relevant Asset and/or the Entitlement (in each case where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms, which adjustment will be effective as of the date determined by the Calculation Agent to be the effective date of the corresponding adjustment made by the Options Exchange. If options on the Shares are not traded on the Options Exchange, the Calculation Agent will make such adjustment, if any, to any one or more of any Relevant Asset and/or the Entitlement (in each case where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate, with reference to the rules and precedents (if any) set by the Options Exchange to account for the relevant Extraordinary Event, that in the determination of



### ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

the Calculation Agent would have given rise to an adjustment by the Options Exchange if such options were so traded; or

- (e) on or after the relevant Extraordinary Event Effective Date, the Calculation Agent may adjust the Basket of Shares to include a Share selected by it in accordance with the criteria for Share selection set out below (each, a "**Substitute Share**") for each Share (each, an "**Affected Share**") of each Basket Company (each, an "**Affected Basket Company**") which is affected by such Extraordinary Event and the Substitute Share will be deemed to be a "**Share**" and the relevant issuer of such shares a "**Basket Company**" for the purposes of the Securities, and the Calculation Agent will make such adjustment, if any, to any one or more of any Relevant Asset and/or the Entitlement (in each case where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate, provided that, in the event that any amount payable under the Securities was to be determined by reference to the Initial Price of the Affected Share, the Initial Price of each Substitute Share will be determined by the Calculation Agent in accordance with the following formula:

$$\text{Initial Price} = A \times (B/C)$$

where:

"**A**" is the official closing price of the relevant Substitute Share on the relevant Exchange on the Substitution Date;

"**B**" is the Initial Price of the relevant Affected Share; and

"**C**" is the official closing price of the relevant Affected Share on the relevant Exchange on the Substitution Date or, in the case of a Stapling, the official closing price of the relevant Affected Share on the Scheduled Trading Day immediately preceding the Extraordinary Event Effective Date.

Such substitution and the relevant adjustment to the Basket of Shares will be deemed to be effective as of the date selected by the Calculation Agent (the "**Substitution Date**") acting in good faith and in a commercially reasonable manner and specified in the notice referred to below which may, but need not, be the relevant Extraordinary Event Effective Date.

The Weighting of each Substitute Share in the Basket of Shares will be equal to the Weighting of the relevant Affected Share.

In order to be selected as a Substitute Share, the relevant share must satisfy the following criteria, in the determination of the Calculation Agent, acting in good faith and in a commercially reasonable manner:

- (i) where the relevant Extraordinary Event is a Merger Event or a Tender Offer and, the relevant share is not already included in the Basket of Shares, the relevant share shall be an ordinary share of the entity or person (other than the Affected Basket Company) involved in the Merger Event or the making of the Tender Offer that is, or that as of the relevant Extraordinary Event Effective Date is promptly scheduled to be, (A) publicly quoted, traded or listed on an exchange or quotation system located in the same country as the relevant Exchange (or, where the relevant Exchange is within the

### ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

European Union, in any member state of the European Union) and (B) not subject to any currency exchange controls, trading restrictions or other trading limitations; or

- (ii) where the relevant Extraordinary Event is a Merger Event or a Tender Offer and a share would otherwise satisfy the criteria set out in paragraph (i) above, but such share is already included in the Basket of Shares or such Share does not satisfy the criteria set out in paragraph (i) above, or in the case of an Extraordinary Event other than a Merger Event or a Tender Offer:
  - (A) the relevant issuer of the share shall belong to the same economic sector as the Affected Basket Company;
  - (B) the relevant issuer of the share shall have a comparable market capitalisation, international standing and exposure as the Affected Basket Company; and
  - (C) in the case of the occurrence of a CSR Event only, the relevant issuer of the share shall have a comparable Non-Financial Rating to the Affected Basket Company.

Notwithstanding the foregoing, in the case of a Stapling, the Affected Share may be substituted with the Stapled Shares and the provisions of Share Security Condition 13 shall apply in respect of such Stapled Shares.

If the Calculation Agent determines that more than one Extraordinary Event occurs in respect of a Share Company or a Basket Company, which are not connected and have different consequences pursuant to this Share Security Condition 4.2, the Calculation Agent will determine which such Extraordinary Event and related consequences shall apply acting in good faith and in a commercially reasonable manner.

Upon the occurrence of an Extraordinary Event, if the Calculation Agent determines that an adjustment in accordance with the above provisions is necessary it shall notify the Issuer thereof as soon as practicable, and the Issuer shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 stating the occurrence of the Extraordinary Event, giving details thereof and the action proposed to be taken in relation thereto including, in the case of a Share Substitution, the identity of the Substitute Shares and the Substitution Date.

#### 4.3 Hedging Liquidity Event

- (a) "**Hedging Liquidity Event**" means that, at any time after the Listing Date of the Securities, the volume of Shares held by the Issuer and/or any of its Affiliates in relation to any hedging arrangements in respect of the Securities is above the Maximum Hedging Liquidity Level; and

"**Maximum Hedging Liquidity Level**" means the percentage specified as such in the applicable Final Terms or, if not so specified, 50 per cent. of the daily average volume of the transactions on the Shares on the Exchange over the last 6 month time period appearing on the relevant Screen Page.

- (b) Consequences of a Hedging Liquidity Event

If Hedging Liquidity Event is specified as applicable in the applicable Final Terms and in the determination of the Calculation Agent a Hedging Liquidity Event occurs in relation to a Share, the Issuer may immediately cancel all but not some only of the Securities at the amount equal to the fair market value of such Security taking into account the relevant Hedging Liquidity Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as

### ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

determined by the Calculation Agent acting in good faith and in a commercially reasonable manner. Notice of cancellation will be given to Holders in accordance with Security Condition 10 as soon as practicable following determination of the occurrence of the Hedging Liquidity Event and payments will be made in such manner as shall be notified to the Holders.

#### 5. Correction of Share Price

With the exception of any corrections published after the day which is three Business Days prior to the due date for any payment or delivery under the Securities, if the price of the relevant Share published on a given day and used or to be used by the Calculation Agent to make any determination under the Securities is subsequently corrected and the correction is published by the relevant Exchange within the number of days equal to the Share Correction Period of the original publication, the price to be used shall be the price of the relevant Share as so corrected. Corrections published after the day which is three Business Days prior to a due date for payment or delivery under the Securities will be disregarded by the Calculation Agent for the purposes of determining the relevant amount.

#### 6. Dividend Payment

If "Dividend Payment" is specified as being applicable in the applicable Final Terms, the following provisions shall apply to the Securities:

- (a) In the event that on or after the Issue Date a Cash Dividend is paid by the Share Company or Basket Company, as the case may be, notwithstanding any provisions in these Terms and Conditions to the contrary, the Calculation Agent shall calculate (i) the relevant Distributed Amount and (ii) the relevant Dividend Date.
- (b) As soon as practicable following the Dividend Date, the Issuer shall give notice (a "**Cash Dividend Notice**") to the Holders in accordance with Security Condition 10 of the Cash Dividend and the relevant Cash Dividend Payment Date and the Issuer, or failing which the Guarantor, if applicable, shall pay to each Holder on the Cash Dividend Payment Date an amount equal to the Cash Dividend Amount in respect of each Security held by him on the Cash Dividend Payment Date, provided that if the relevant Dividend Date has not occurred prior to the Redemption Date, the Issuer shall not be obliged to pay such Cash Dividend Amount and the Issuer and/or the Guarantor, if applicable, shall have no further obligation in respect thereof.
- (c) The Cash Dividend Notice shall specify the manner in which the Cash Dividend Amount shall be paid to each Holder.

For the purposes of this Share Security Condition 6 the following definitions shall apply:

**"Cash Dividend"** means any cash dividend paid by the Share Company or Basket Company in respect of a Share;

**"Cash Dividend Amount"** means, in respect of a Security, an amount calculated by the Calculation Agent equal to the Distributed Amount less a *pro rata* share of Dividend Expenses, such amount to be converted into the Settlement Currency at an exchange rate determined by the Calculation Agent acting in good faith and in a commercially reasonable manner on or as soon as practicable after the Dividend Date;

**"Cash Dividend Payment Date"** means, in respect of a Cash Dividend, the date specified as such in the relevant Cash Dividend Notice;

### ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

**"Distributed Amount"** means, in respect of a Cash Dividend, the amount of such dividend paid by the Share Company in respect of a Share, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner;

**"Dividend Date"** means, in respect of a Cash Dividend, the date on which such Cash Dividend would be received by a holder of the Share as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner; and

**"Dividend Expenses"** means all present, future or contingent withholding, capital gain, profit, transactional or business tax or other similar tax or duty (including stamp duty) and/or expenses (including any applicable depositary charges, transaction charges, issue, registration, transfer and/or other expenses) which the Calculation Agent determines have been or may be deducted and/or may arise or may have arisen in respect of the Cash Dividend and/or any payment of the Cash Dividend Amount in respect of the Securities.

#### 7. **GDR/ADR**

Share Security Conditions 8 to 12 (inclusive) apply where "GDR/ADR" is specified as applicable in respect of the shares specified to be GDRs/ADRs in the applicable Final Terms.

#### 8. **Definitions relating to GDR/ADR**

**"ADR"** means an American Depositary Receipt;

**"Conversion Event"** means any event which in the determination of the Calculation Agent acting in good faith and in a commercially reasonable manner results (or will result) in the GDRs and/or ADRs being converted into Underlying Shares or any other listed Securities of the issuer of the Underlying Shares;

**"GDR"** means a Global Depositary Receipt; and

**"Underlying Shares"** means the shares underlying an ADR or GDR, as the case may be.

#### 9. **General (GDR/ADR)**

Save where specifically provided under the Final Terms, all references in the Security Conditions, and the Share Security Conditions to the "Shares" shall, in respect of the shares specified to be GDRs/ADRs, be deemed to be to the GDRs or ADRs, as applicable, and/or the Underlying Shares, references to the "Share Company" or "Basket Company", as applicable, shall be deemed to be to the issuer of the GDRs or ADRs, as the case may be, and the issuer of the Underlying Shares, and references to the "Exchange" shall be deemed to be to the exchange or quotation system on which the GDRs or ADRs, as the case may be, are listed and the exchange or quotation system on which the Underlying Shares are listed, and with such additional or alternative modifications as the Calculation Agent may consider necessary or otherwise desirable provided that any such amendment is not materially prejudicial to the holders of Securities.

#### 10. **Share Event**

Upon the occurrence of a Share Event, the Issuer may take the action described in paragraphs (a), (b), (c), (d) or (e), as applicable, of Share Security Condition 4.2. The Issuer shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 stating the occurrence of the Share Event, giving details thereof and the action proposed to be taken in relation thereto.

## ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

"Share Event" means each of the following events:

- (a) written instructions have been given by the Issuer or a Qualified Investor to the depositary of the Underlying Shares to withdraw or surrender the Underlying Shares;
- (b) the termination of the deposit agreement in respect of the Underlying Shares.

If an event constitutes both a Share Event and an Additional Disruption Event, the Calculation Agent shall, acting in good faith and in a commercially reasonable manner, determine which of these events such event constitutes.

### 11. Potential Adjustment Event (GDR/ADR)

The following additional event shall be deemed added to paragraph (b) of the definition of Potential Adjustment Event in Share Security Condition 3:

"and/or a distribution in respect of the Underlying Shares of property other than cash, shares or rights relating to any Underlying Shares to the holder of the Underlying Shares".

### 12. Extraordinary Events (GDR/ADR)

The following additional events shall be deemed added to the first paragraph of Share Security Condition 4.1 after the words "as not applicable in the applicable Final Terms)":

"Conversion Event, Share Event".

### 13. Stapled Shares

Share Security Conditions 13 to 19 (inclusive) apply where "Stapled Shares" is specified as applicable in respect of shares specified to be Stapled Shares in the applicable Final Terms.

### 14. General (Stapled Shares)

Except as provided in Share Security Condition 15, Share Security Condition 16 and Share Security Condition 17 below and save where specifically provided under the Final Terms, all references in the Security Conditions, and the Share Security Conditions to the "Shares" or a "Share" shall, in respect of the shares specified to be Stapled Shares, be deemed to be to the "Stapled Shares Constituent" or a "Stapled Share", as applicable, references to the "Share Company" or "Basket Company", as applicable, shall be deemed to be to each issuer of a Stapled Share Constituent.

### 15. Potential Adjustment Events (Stapled Shares)

References to "Shares" in Share Security Condition 3 (Potential Adjustment Events) shall be deemed to be references to "Stapled Shares and each Stapled Share Constituent".

### 16. Extraordinary Events (Stapled Shares)

- 16.1 References to "Shares" in the definitions of Insolvency, Merger Event, Nationalisation and Stapling and related provisions in Share Security Condition 4 (Extraordinary Events) shall be deemed to be references to "Stapled Share Constituent".

- 16.2 The following additional events shall be deemed added to the first paragraph of Share Security Condition 4.1 after the words "as not applicable in the applicable Final Terms)":

"De-Stapling".

### ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES

#### 17. Dividend Payment (Stapled Shares)

References to "Share" (other than in "Share Company") in Share Security Condition 6 (Dividend Payment) shall be deemed to be references to "Stapled Share Constituent".

#### 18. De-Stapling

Upon the occurrence of a De-Stapling, the Issuer may take the action described in paragraphs (a), (b)(c) or (d) of Share Security Condition 4.2 (in the case of Securities relating to either a single unit of Stapled Shares or a Basket of Shares comprising one or more Stapled Shares) or the action described in paragraph (b) of Share Security Condition 4.2 or in Share Security Condition 19 below (in respect of a Basket of Shares comprising one or more Stapled Shares). The Issuer shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 stating the occurrence of the De-Stapling, giving details thereof and the action proposed to be taken in relation thereto.

"**De-Stapling**" means the Stapled Shares become detached, such that:

- (a) one or more Stapled Share Constituent may be held, owned, sold, transferred, purchased and otherwise dealt with as an individual share; and/or
- (b) where applicable, one or more Stapled Share Constituent shall be listed and admitted to trading separately.

#### 19. Substitution following the occurrence of a De-Stapling

If the Issuer elects to substitute the Stapled Shares following the occurrence of a De-Stapling in accordance with Share Security Condition 18, on or after the relevant Extraordinary Event Effective Date, the Calculation Agent will adjust the Basket of Shares to substitute one or more shares selected by it in accordance with the criteria set out below (the "**Substitute Share**") for the Stapled Shares (the "**Affected Stapled Shares**") affected by such De-Stapling and the Substitute Share will be deemed to be a "**Share**" and the relevant issuer of such shares a "**Basket Company**" for the purposes of the Securities, and the Calculation Agent will make such adjustment, if any, to any one or more of any Relevant Asset and/or the Entitlement (in each case where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate, provided that, in the event that any amount payable under the Securities was to be determined by reference to the Initial Price of the Affected Stapled Shares, the Initial Price of each Substitute Share will be determined by the Calculation Agent in accordance with the following formula:

$$\text{Initial Price} = A \times (B/C)$$

where:

"**A**" is the official closing price of the Substitute Share on the relevant Exchange on the Substitution Date;

"**B**" is the Initial Price of the Affected Stapled Shares; and

"**C**" is the official closing price of the Affected Stapled Shares on the Scheduled Trading Day immediately preceding the Extraordinary Event Effective Date.

Such substitution and the relevant adjustment to the Basket of Shares will be deemed to be effective as of the date selected by the Calculation Agent (the "**Substitution Date**") acting in good faith and in a

### **ANNEX 3 – ADDITIONAL TERMS AND CONDITIONS FOR SHARE SECURITIES**

commercially reasonable manner and specified in the notice referred to below which may, but need not, be the relevant Extraordinary Event Effective Date.

The Weighting of the Substitute Share in the Basket of Shares will be equal to the Weighting of the relevant Affected Stapled Shares.

In order to be selected as a Substitute Share, the relevant share must satisfy the following criteria, in the determination of the Calculation Agent, acting in good faith and in a commercially reasonable manner:

- (i) the relevant issuer of the share shall belong to the same economic sector as the issuers of the Affected Stapled Shares; and
- (ii) the relevant issuer of the share shall have a comparable market capitalisation, international standing and exposure as the issuers of the Affected Stapled Shares.

## ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

### ANNEX 4

#### ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

##### CONTENTS

1.	Definitions .....	731
2.	Market Disruption.....	740
3.	Potential Adjustment Events.....	741
4.	Extraordinary ETI Events .....	741
5.	Determination of Extraordinary ETI Events .....	745
6.	Consequences of an Extraordinary ETI Event .....	746
7.	Correction of ETI Interest Price.....	748
8.	Calculations and Determinations .....	749
9.	Definitions relating to ETI Shares.....	749
10.	Market Disruption (ETI Shares) .....	753
11.	Potential Adjustment Events (ETI Shares).....	753
12.	Extraordinary Events (ETI Shares) .....	754
13.	Correction of ETI Interest Price (ETI Shares) .....	761
14.	Calculations and Determinations (ETI Shares).....	762

If specified as applicable in the applicable Final Terms, the terms and conditions applicable to Securities specified in the applicable Final Terms as ETI Securities shall comprise the terms and conditions of Securities (the "**Security Conditions**") and the additional Terms and Conditions for ETI Securities set out below (the "**ETI Security Conditions**"), in each case together with any other additional terms and conditions specified in the applicable Final Terms and subject to completion in the applicable Final Terms. In the event of any inconsistency between (i) the Security Conditions and (ii) the ETI Security Conditions, the ETI Security Conditions shall prevail.

##### **ETI Share Provisions not applicable**

If ETI Share Provisions is specified as not applicable in the applicable Final Terms, ETI Security Conditions 1 to 8 (inclusive) shall apply.

##### **1. Definitions**

"**Basket Trigger Event**" means that an Extraordinary ETI Event occurs in respect of one or more ETI Interests or the related ETI comprising the ETI Basket which has or, in the event that an Extraordinary ETI Event has occurred in respect of more than one ETI, together have, a Weighting in the ETI Basket equal to or greater than the Basket Trigger Level;

"**Basket Trigger Level**" has the meaning given to it in the applicable Final Terms or if not so specified, 50 per cent;

"**Calculation Date**" means each day(s) specified in the applicable Final Terms, or if not so specified, each day which is an Exchange Business Day;

"**Clearance System**" means the principal domestic clearance system customarily used for settling trades in the relevant ETI Interest;

"**Clearance System Days**" means, in respect of a Clearance System, any day on which such Clearance System is (or, but for the occurrence of an event which results in the Clearance System being unable to



#### ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

clear the transfer of a relevant security would have been) open for the acceptance and execution of settlement instructions;

**"Closing Price"** means, in respect of an ETI and a Scheduled Trading Day, the official closing price (or if Value per ETI Interest is specified as applicable in the applicable Final Terms, the Value per ETI Interest) in respect of the relevant ETI Interest in relation to such day as determined by the Calculation Agent, subject as provided in ETI Security Condition 3 (Potential Adjustment Events) or ETI Security Condition 4 (Extraordinary ETI Events);

**"Disrupted Day"** means any Scheduled Trading Day on which a relevant Exchange or any Related Exchange fails to open for trading during its regular trading session or on which a Market Disruption Event has occurred;

**"Dividend Event"** means that with reference to the later of (i) the two financial years prior to the Trade Date, and (ii) the two financial years prior to the relevant observation date, the ETI has implemented a material change to its practice with respect to the payment of dividends;

**"Early Closure"** means the closure on any Exchange Business Day of the relevant Exchange(s) or any Related Exchange(s) prior to its Scheduled Closing Time unless such earlier closing time is announced by such Exchange(s) or such Related Exchange(s), as the case may be, at least one hour prior to the earlier of (i) the actual closing time for the regular trading session on such Exchange(s) or such Related Exchange(s) on such Exchange Business Day and (ii) the submission deadline for orders to be entered into the Exchange or Related Exchange system for execution at the Valuation Time on such Exchange Business Day;

**"ETI"** means (i) any exchange traded fund, (ii) the issuer of (A) an exchange traded note, (B) exchange traded commodity or (C) any other exchange traded product or (iii) any other exchange traded entity specified as an ETI in the applicable Final Terms;

**"ETI Basket"** means, where the ETI Securities are linked to the performance of ETI Interests of more than one ETI, a basket comprising such ETI Interests;

**"ETI Documents"** means with respect to any ETI Interest, the offering document of the relevant ETI in effect on the Hedging Date specifying, among other matters, the terms and conditions relating to such ETI Interests and, for the avoidance of doubt, any other documents or agreements in respect of the ETI, as may be further described in any ETI Document;

**"ETI Interest(s)"** means (i) in respect of an exchange traded fund, an ownership interest issued to or held by an investor in such ETI, (ii) in respect of an exchange traded note or an exchange traded commodity, a unit or note, as the case may be, issued by such ETI, or (iii) in respect of any other exchange traded product, any other interest specified as an ETI Interest in the applicable Final Terms;

**"ETI Interest Correction Period"** means (a) the period specified in the applicable Final Terms, or (b) if none is so specified, one Settlement Cycle;

**"ETI Related Party"** means, in respect of any ETI, any person who is appointed to provide services (howsoever described in any ETI Documents), directly or indirectly, in respect of such ETI, whether or not specified in the ETI Documents, including any advisor, manager, administrator, operator, management company, depository, custodian, sub-custodian, prime broker, administrator, trustee, registrar and transfer agent, domiciliary agent, sponsor or general partner and any other person specified as such in the applicable Final Terms and in the case of an exchange traded note or exchange traded commodity, the calculation agent;

#### ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

**"Exchange"** means in relation to an ETI Interest, each exchange or quotation system specified as such for the relevant ETI in the applicable Final Terms, any successor to such exchange or quotation system or any substitute exchange or quotation system to which trading in the ETI Interest has temporarily relocated (provided that the Calculation Agent has determined that there is comparable liquidity relative to such ETI Interest on such temporary substitute exchange or quotation system as on the original Exchange);

**"Exchange Business Day"** means either (a) in the case of a single ETI Interest, Exchange Business Day (Single ETI Interest Basis) or (b) in the case of an ETI Basket, (i) Exchange Business Day (All ETI Interests Basis) or (ii) Exchange Business Day (Per ETI Interest Basis), in each case as specified in the applicable Final Terms, provided that, if no such specification is made in the applicable Final Terms, Exchange Business Day (Per ETI Interest Basis) shall apply;

**"Exchange Business Day (All ETI Interests Basis)"** means, in respect of an ETI Basket, any Scheduled Trading Day on which each Exchange and each Related Exchange, if any, are open for trading in respect of all ETI Interests comprised in the ETI Basket during their respective regular trading session(s) notwithstanding any such Exchange or Related Exchange closing prior to their Scheduled Closing Time;

**"Exchange Business Day (Per ETI Interest Basis)"** means, in respect of an ETI Interest, any Scheduled Trading Day on which the relevant Exchange and the relevant Related Exchange, if any, in respect of such ETI Interest are open for trading during their respective regular trading session(s), notwithstanding any such relevant Exchange or relevant Related Exchange closing prior to their Scheduled Closing Time;

**"Exchange Business Day (Single ETI Interest Basis)"** means, in respect of an ETI Interest, any Scheduled Trading Day on which the relevant Exchange and the relevant Related Exchange, if any, are open for trading during their respective regular trading session(s), notwithstanding any such relevant Exchange or relevant Related Exchange closing prior to their Scheduled Closing Time;

**"Exchange Disruption"** means any event (other than an Early Closure) that disrupts or impairs (as determined by the Calculation Agent) the ability of market participants in general (i) to effect transactions in, or obtain market values for, the ETI Interest on the Exchange or (ii) to effect transactions in, or obtain market values for, futures or options contracts on or relating to the ETI Interest on any relevant Related Exchange;

**"Extraordinary ETI Event Effective Date"** means, in respect of an Extraordinary ETI Event, the date on which such Extraordinary ETI Event occurs, or has occurred, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner;

**"Final Calculation Date"** means the date specified as such in the applicable Final Terms;

**"Hedging Date"** has the meaning given to it in the applicable Final Terms;

**"Hedge Provider"** means the party (being, *inter alios*, the Issuer, the Guarantor (if applicable), the Calculation Agent, an affiliate or any third party) from time to time who hedges the Issuer's obligations in respect of the Securities or where no such party actually hedges such obligations, a Hypothetical Investor, who shall be deemed to enter into transactions as if hedging such obligations. The Hedge Provider will hold or be deemed to hold such number of ETI Interests, or enter or be deemed to enter into any agreement to purchase or deliver, or pay an amount linked to the performance of, such number of ETI Interests as it (or in the case of a Hypothetical Investor, the Calculation Agent) considers would be held by a prudent issuer as a hedge for its exposure under the relevant Securities;

#### ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

**"Hedging Shares"** means the number of ETI Interests that the Issuer and/or any of its Affiliates deems necessary to hedge the equity or other price risk of entering into and performing its obligations with respect to the Securities;

**"Hypothetical Investor"** means a hypothetical or actual investor (as determined by the Calculation Agent in the context of the relevant situation) in an ETI Interest which is deemed to have the benefits and obligations, as provided in the relevant ETI Documents, of an investor holding an ETI Interest at the relevant time. The Hypothetical Investor may be deemed by the Calculation Agent to be resident or organised in any jurisdiction, and to be, without limitation, the Issuer, the Guarantor (if applicable), the Calculation Agent or any of their Affiliates (as determined by the Calculation Agent in the context of the relevant situation);

**"Implied Embedded Option Value"** means, an amount (which may never be less than zero) equal to the present value as of the Implied Embedded Option Value Determination Date, of any scheduled but unpaid payments under the Securities in respect of the period from (and including) the Extraordinary ETI Event Effective Date to (and including) the Redemption Date, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner but, notwithstanding anything to the contrary contained herein, taking into account, without limitation, such factors as the net proceeds actually received from the redemption or sale of any ETI Interests by the Hedge Provider, the volatility of the ETI Interests and any transaction costs;

**"Implied Embedded Option Value Determination Date"** means the date determined by the Calculation Agent to be the first date on which it is possible to determine the Implied Embedded Option Value following the occurrence of an Extraordinary ETI Event;

**"Initial Calculation Date"** means the date specified as such in the applicable Final Terms, or if not so specified, the Hedging Date;

**"Intraday Price"** means, in respect of an ETI and any time on a Scheduled Trading Day, the published or quoted price (or if Value per ETI Interest is specified as applicable in the applicable Final Terms, the Value per ETI Interest) in respect of the relevant ETI Interest in relation to such time on such day as determined by the Calculation Agent, subject as provided in ETI Security Condition 3 (Potential Adjustment Events) or ETI Security Condition 4 (Extraordinary ETI Events);

**"Investment/AUM Level"** has the meaning given to it in the applicable Final Terms, or if not so specified, EUR 100,000,000 or the equivalent in any other currency;

**"Loss of Stock Borrow"** means that the Issuer and/or any Affiliate is unable, after using commercially reasonable efforts, to borrow (or maintain a borrowing of) any ETI Interest in an amount equal to the Hedging Shares at a rate equal to or less than the Maximum Stock Loan Rate;

**"Maximum Stock Loan Rate"** means in respect of an ETI Interest, the Maximum Stock Loan Rate specified in the applicable Final Terms;

**"Merger Event"** means, in respect of any relevant Interests and Entity, any:

- (a) reclassification or change of such ETI Interests that results in a transfer of or an irrevocable commitment to transfer all of such ETI Interests outstanding to another entity or person,
- (b) consolidation, amalgamation, merger or binding share/unit/interest exchange of an ETI with or into another entity or person (other than a consolidation, amalgamation, merger or binding

#### ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

share/unit/interest exchange in which such ETI, is the continuing entity and which does not result in a reclassification or change of all of such ETI Interests outstanding),

- (c) takeover offer, tender offer, exchange offer, solicitation, proposal or other event by any entity or person to purchase or otherwise obtain 100 per cent. of the outstanding ETI Interests of an ETI that results in a transfer of or an irrevocable commitment to transfer all such ETI Interests (other than such ETI Interests owned or controlled by such other entity or person), or
- (d) consolidation, amalgamation, merger or binding share/unit/interest exchange of an ETI or its subsidiaries with or into another entity in which the ETI is the continuing entity and which does not result in a reclassification or change of all such ETI Interests outstanding but results in the outstanding ETI Interests (other than ETI Interests owned or controlled by such other entity) immediately prior to such event collectively representing less than 50 per cent. of the outstanding ETI Interests immediately following such event,

in each case if the relevant Extraordinary ETI Event Effective Date is on or before (a) in the case of Cash Settled Securities, the last occurring Valuation Date or (b) in the case of Physical Delivery Securities, the Settlement Date. For the purposes of this definition only, "**Interests**" shall mean the applicable ETI Interests or the shares of any applicable ETI Related Party, as the context may require, and "**Entity**" shall mean the applicable ETI or any applicable ETI Related Party, as the context may require;

**"Non-Principal Protected Termination Amount"** means an amount per Security determined by the sum of:

- (a) the Implied Embedded Option Value on the Implied Embedded Option Value Determination Date; and
- (b) if Delayed Redemption on Occurrence of an Extraordinary ETI Event is specified as being applicable in the applicable Final Terms, the Simple Interest;

**"Number of Value Publication Days"** means the number of calendar days or Value Business Days specified in the applicable Final Terms, being the maximum number of days after the due date for publication or reporting of the Value per ETI Interest after which the ETI Related Party or any entity fulfilling such role, howsoever described in the ETI Documents, or any other party acting on behalf of the ETI, may remedy any failure to publish or report the Value per ETI Interest before the Calculation Agent may determine that an Extraordinary ETI Event has occurred;

**"Principal Protected Termination Amount"** means an amount per Security determined as:

- (a) if Delayed Redemption on Occurrence of an Extraordinary ETI Event is specified as being applicable in the applicable Final Terms:
  - (i) the greater of:
    - (A) the Protected Amount; and
    - (B) the Implied Embedded Option Value; and
  - (ii) the Simple Interest; or
- (b) if Delayed Redemption on Occurrence of an Extraordinary ETI Event is not specified as being applicable in the applicable Final Terms, the Implied Embedded Option Value;

**"Protected Amount"** means the amount specified as such in the applicable Final Terms;

#### ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

**"Related Exchange"** means in relation to an ETI Interest, each exchange or quotation system specified as such for such ETI Interest in the applicable Final Terms, any successor to such exchange or quotation system or any substitute exchange or quotation system to which trading in futures or options contracts relating to such ETI Interest has temporarily relocated (provided that the Calculation Agent has determined that there is comparable liquidity relative to the futures or options contracts relating to such ETI Interest on such temporary substitute exchange or quotation system as on the original Related Exchange), provided that where "All Exchanges" is specified as the Related Exchange in the applicable Final Terms, **"Related Exchange"** shall mean each exchange or quotation system where trading has a material effect (as determined by the Calculation Agent) on the overall market for futures or options contracts relating to such ETI Interest;

**"Scheduled Trading Day"** means either (a) in the case of a single ETI and in relation to an ETI Interest, Scheduled Trading Day (Single ETI Interest Basis) or (b) in the case of an ETI Basket, (i) Scheduled Trading Day (All ETI Interest Basis) or (ii) Scheduled Trading Day (Per ETI Interest Basis), in each case as specified in the applicable Final Terms, provided that, if no such specification is made in the applicable Final Terms, Scheduled Trading Day (Per ETI Interest Basis) shall apply;

**"Scheduled Trading Day (All ETI Interest Basis)"** means, in respect of an ETI Basket, any day on which each Exchange and each Related Exchange(s) are scheduled to be open for trading in respect of all ETI Interests comprised in the ETI Basket during their respective regular trading session(s);

**"Scheduled Trading Day (Per ETI Interest Basis)"** means, in respect of an ETI Interest, any day on which the relevant Exchange and the relevant Related Exchange in respect of such ETI Interest are scheduled to be open for trading during their respective regular trading session(s);

**"Scheduled Trading Day (Single ETI Interest Basis)"** means any day on which the relevant Exchange and the relevant Related Exchange are scheduled to be open for trading during their respective regular trading session(s);

**"Settlement Cycle"** means in respect of an ETI Interest, the period of Clearance System Days following a trade in the ETI Interest on the Exchange in which settlement will customarily occur according to the rules of such Exchange;

**"Settlement Price"** means, unless otherwise stated in the applicable Final Terms and subject to the provisions of these ETI Security Conditions and as referred to in "Valuation Date" or "Averaging Date", as the case may be:

- (a) in the case of ETI Securities relating to an ETI Basket and in respect of each ETI Interest comprising the ETI Basket, an amount equal to:
  - (i) if the applicable Final Terms specify that the Settlement Price is to be the official closing price, the official closing price (or the price at the Valuation Time on the Valuation Date or an Averaging Date, as the case may be, if so specified in the applicable Final Terms) quoted on the relevant Exchange for such ETI Interest on;
    - (A) if Averaging is not specified in the applicable Final Terms, the Valuation Date; or
    - (B) if Averaging is specified in the applicable Final Terms, an Averaging Date (or if in the opinion of the Calculation Agent, any such official closing price (or the price at the Valuation Time on the Valuation Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) cannot

#### ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

be so determined and the Valuation Date or Averaging Date, as the case may be, is not a Disrupted Day, an amount determined by the Calculation Agent to be equal to the arithmetic mean of the closing fair market buying price (or the fair market buying price at the Valuation Time on the Valuation Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) and the closing fair market selling price (or the fair market selling price at the Valuation Time on the Valuation Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) for such ETI Interest whose official closing price (or the price at the Valuation Time on the Valuation Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) cannot be determined based, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, either on the arithmetic mean of the foregoing prices or middle market quotations provided to it by two or more financial institutions or applicable brokers (as selected by the Calculation Agent) engaged in the trading of such ETI Interest or on such other factors as the Calculation Agent shall decide); or

- (ii) if the applicable Final Terms specify that the Settlement Price is to be the Value per ETI Interest, the Value per ETI Interest for such ETI Interest on:
  - (A) if Averaging is not specified in the applicable Final Terms, the Valuation Date; or
  - (B) if Averaging is specified in the applicable Final Terms, an Averaging Date, in each case multiplied by the relevant Weighting, such value to be converted, if so specified in the applicable Final Terms, into the Settlement Currency at the Exchange Rate, all as determined by or on behalf of the Calculation Agent; and
- (b) in the case of ETI Securities relating to a single ETI Interest, an amount equal to:
  - (i) if the applicable Final Terms specify that the Settlement Price is to be the official closing price, the official closing price (or the price at the Valuation Time on the Valuation Date or an Averaging Date, as the case may be, if so specified in the applicable Final Terms) quoted on the relevant Exchange for such ETI Interest on:
    - (A) if Averaging is not specified in the applicable Final Terms, the Valuation Date; or
    - (B) if Averaging is specified in the applicable Final Terms, an Averaging Date (or if, in the opinion of the Calculation Agent, any such official closing price (or the price at the Valuation Time on the Valuation Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) cannot be so determined and the Valuation Date or Averaging Date, as the case may be, is not a Disrupted Day, an amount determined by the Calculation Agent to be equal to the arithmetic mean of the closing fair market buying price (or the fair market buying price at the Valuation Time on the Valuation Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) and the closing fair market selling price (or the fair market selling price at the Valuation Time on the Valuation Date or such Averaging

#### ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

Date, as the case may be, if so specified in the applicable Final Terms) for the ETI Interest based, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, either on the arithmetic mean of the foregoing prices or middle market quotations provided to it by two or more financial institutions or applicable brokers (as selected by the Calculation Agent) engaged in the trading of such ETI Interest or on such other factors as the Calculation Agent shall decide); or

- (ii) if the applicable Final Terms specify that the Settlement Price is to be the Value per ETI Interest, the Value per ETI Interest on:
  - (A) if Averaging is not specified in the applicable Final Terms, the Valuation Date; or
  - (B) if Averaging is specified on the applicable Final Terms, an Averaging Date, in each case, such amount to be converted, if so specified in the applicable Final Terms, into the Settlement Currency at the Exchange Rate and such converted amount to be the Settlement Price, all as determined by or on behalf of the Calculation Agent;

**"Simple Interest"** means an amount calculated by the Calculation Agent equal to the amount of interest that would accrue on the Termination Amount during the period from (and including) the Implied Embedded Option Value Determination Date to (and excluding) the later of (i) the Redemption Date, or (ii) the date falling five Business Days after the Implied Embedded Option Value Determination Date calculated on the basis that such interest were payable by the Floating Rate Payer under an interest rate swap transaction incorporating the 2006 ISDA Definitions (the **"ISDA Definitions"**) published by the International Swaps and Derivatives Association, Inc. (as amended or supplemented as at the Issue Date of the Securities, provided that, the Calculation Agent may, acting in good faith and in a commercially reasonable manner, select any successor or replacement definitional booklet to the 2006 ISDA Definitions (as supplemented from time to time for interest rate derivatives), in which case ISDA Definitions will mean any such successor or replacement definitional booklet to the 2006 ISDA Definitions) under which:

- (a) the "Effective Date" is the Implied Embedded Option Value Determination Date;
- (b) the "Termination Date" is the Termination Date;
- (c) the "Floating Rate Payer Payment Date" is the Termination Date;
- (d) the "Floating Rate Option" is EUR-EONIA-Swap Index (if the Settlement Currency is EUR) or USD-Federal Funds-H.15 (if the Settlement Currency is USD);
- (e) the "Simple Interest Spread" is as specified in the applicable Final Terms, or if not so specified minus 0.125 per cent.;
- (f) the "Floating Rate Day Count Fraction" is Actual/360;
- (g) the "Reset Date" is the Implied Embedded Option Value Determination Date and each date falling three calendar months after the previous Reset Date; and
- (h) "Compounding" is "Inapplicable";

#### ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

**"Specified Maximum Days of Disruption"** means eight (8) Scheduled Trading Days, or such other number of Specified Maximum Days of Disruption specified in the applicable Final Terms;

**"Tender Offer"** means a takeover offer, tender offer, exchange offer, solicitation, proposal or other event by any entity or person that results in such entity or person purchasing, or otherwise obtaining or having the right to obtain, by conversion or other means, greater than 50 per cent. and less than 100 per cent. of the outstanding voting shares, units or interests of the ETI or an ETI Related Party, as determined by the Calculation Agent, based upon the making of filings with governmental or self-regulatory agencies or such other information as the Calculation Agent deems relevant;

**"Termination Amount"** means:

- (a) unless Highest Value, Market Value or Monetisation Option are specified in the applicable Final Terms as applicable:
  - (i) the amount specified in the applicable Final Terms;
  - (ii) the Principal Protected Termination Amount; or
  - (iii) the Non-Principal Protected Termination Amount,in each case, as specified in the applicable Final Terms, such amount to be payable on the Termination Date; or
- (b) if Highest Value is specified as applicable in the applicable Final Terms, an amount in respect of each Security calculated and paid on such date determined, in accordance with Security Condition 34.12(a); or
- (c) if Market Value is specified as applicable in the applicable Final Terms, an amount in respect of each Security calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or
- (d) if Monetisation Option is specified as applicable in the applicable Final Terms, an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(c);
- (e) if the Calculation Agent determines that the relevant Extraordinary ETI Event or combination of Extraordinary ETI Events constitutes a force majeure, and if ETI Event Force Majeure is specified as applicable in the applicable Final Terms, an amount in respect of each Security, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption;

**"Termination Date"** means (i) the date determined by the Issuer as provided herein and specified in the notice given to Holders in accordance with ETI Security Condition 6.2(c); or (ii) if Delayed Redemption on Occurrence of an Extraordinary ETI Event is specified as being applicable in the applicable Final Terms, the Redemption Date;

**"Trade Date"** has the meaning given to it in the applicable Final Terms;



## ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

**"Trading Disruption"** means in relation to an ETI Interest, any suspension of or limitation imposed on trading by the relevant Exchange or Related Exchange or otherwise and whether by reason of movements in price exceeding limits permitted by the relevant Exchange or any Related Exchange or otherwise (i) relating to the ETI Interest or any underlying asset of the ETI on the Exchange; or (ii) in futures or options contracts relating to the ETI Interest or any underlying asset of the ETI on any relevant Related Exchange;

**"Value Business Day"** means a day (other than a Saturday or a Sunday) on which commercial banks are open for general business (including dealings in foreign exchange and foreign currency deposits) in the Value Business Day Centre(s) specified in the applicable Final Terms;

**"Valuation Time"** means in the case of an ETI and in relation to an ETI Interest either (i) the close of trading on the Exchange or (ii) as otherwise specified in the applicable Final Terms;

**"Value per ETI Interest"** means, with respect to the relevant ETI Interest(s) and the Scheduled Trading Day relating to such ETI Interests, (i) if the relevant ETI Documents refer to an official net asset value per ETI Interest (howsoever described), such official net asset value per ETI Interest, otherwise (ii) the official closing price or value per ETI Interest, as of the relevant calculation date, as reported on such Scheduled Trading Day by the ETI or an ETI Related Party, the relevant Exchange or publishing service (which may include the website of an ETI), all as determined by the Calculation Agent;

**"Value per ETI Interest Trading Price Barrier"** means the percentage specified in the applicable Final Terms, or if not so specified, 5 per cent.;

**"Value per ETI Interest Trading Price Differential"** means the percentage by which the Value per ETI Interest differs from the actual trading price of the ETI Interest as of the time the Value per ETI Interest is calculated;

**"Value per ETI Interest Trigger Event"** means, in respect of any ETI Interest(s), that (i) the Value per ETI Interest has decreased by an amount equal to, or greater than, the Value Trigger Percentage(s) at any time during the related Value Trigger Period, or (ii) the ETI has violated any leverage restriction that is applicable to, or affecting, such ETI or its assets by operation of any law, (x) any order or judgement of any court or other agency of government applicable to it or any of its assets, (y) the ETI Documents or (z) any other contractual restriction binding on or affecting the ETI or any of its assets;

**"Value Trigger Percentage"** means the percentage specified in the applicable Final Terms or, if not so specified, 50 per cent.; and

**"Value Trigger Period"** means the period specified in the applicable Final Terms, or if not so specified the period from and including the Initial Calculation Date to and including the Final Calculation Date.

### 2. **Market Disruption**

**"Market Disruption Event"** means, in relation to Securities relating to a single ETI Interest or an ETI Basket, in respect of an ETI Interest the occurrence or existence of (i) a Trading Disruption, (ii) an Exchange Disruption, which in either case the Calculation Agent determines is material, at any time during the one hour period that ends at the relevant Valuation Time, or (iii) an Early Closure.

The Calculation Agent shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 of the occurrence of a Disrupted Day on any day that, but for the occurrence of a Disrupted Day, would have been an Averaging Date or a Valuation Date or on any Knock-in Determination Day or Knock-out Determination Day, as the case may be.

## ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

### 3. **Potential Adjustment Events**

**"Potential Adjustment Event"** means any of the following:

- (a) an extraordinary dividend as determined by the Calculation Agent;
- (b) a repurchase or exercise of any call option by any ETI of relevant ETI Interests whether out of profits or capital and whether the consideration for such repurchase is cash, securities or otherwise; or
- (c) any other event that may have, in the opinion of the Calculation Agent, a diluting or concentrative effect on the theoretical value of the relevant ETI Interests.

**"Potential Adjustment Event Effective Date"** means, in respect of a Potential Adjustment Event, the date on which such Potential Adjustment Event is announced by the relevant ETI or ETI Related Party, as the case may be, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner.

Except as may be limited in the case of U.S. Securities, following the declaration by the relevant ETI or ETI Related Party, as the case may be, of the terms of any Potential Adjustment Event, the Calculation Agent will, acting in good faith and in a commercially reasonable manner, determine whether such Potential Adjustment Event has a diluting or concentrative effect on the theoretical value of the ETI Interests and, if so, will (i) make the corresponding adjustment, if any, to any one or more of any Relevant Asset and/or the Entitlement (where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate to account for that diluting or concentrative effect (provided that no adjustments will be made to account solely for changes in volatility, expected dividends, stock loan rate or liquidity relative to the relevant ETI Interest) and (ii) determine the effective date of that adjustment. The Calculation Agent may, but need not, determine the appropriate adjustment by reference to the adjustment in respect of such Potential Adjustment Event made by an options exchange to options on the ETI Interest traded on that options exchange.

Upon the making of any such adjustment, the Calculation Agent shall give notice as soon as reasonably practicable to the Holders in accordance with Security Condition 10 stating the adjustment to any Relevant Asset and/or the Entitlement (where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms and giving brief details of the Potential Adjustment Event and the Potential Adjustment Event Effective Date.

### 4. **Extraordinary ETI Events**

Subject to the provisions of ETI Security Condition 5 (Determination of Extraordinary ETI Events), **"Extraordinary ETI Event"** means the occurrence or continuance at any time on or after the Trade Date of any of the following events as determined by the Calculation Agent:

#### **Global Events:**

- 4.1 the ETI or any ETI Related Party (i) ceases trading and/or, in the case of an ETI Related Party, ceases administration, portfolio management, investment services, custodian, prime brokerage, or any other relevant business (as applicable), (ii) is dissolved or has a resolution passed, or there is any proposal, for its dissolution, winding-up, official liquidation (other than pursuant to a consolidation, amalgamation or

## ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

merger); (iii) makes a general assignment or arrangement with or for the benefit of its creditors; (iv) (1) institutes or has instituted against it, by a regulator, supervisor or any similar official with primary insolvency, rehabilitative or regulatory jurisdiction over it in the jurisdiction of its incorporation or organisation or the jurisdiction of its head or home office, a proceeding seeking a judgment of insolvency or bankruptcy or any other relief under any bankruptcy or insolvency law or other similar law affecting creditors' rights, or a petition is presented for its winding-up or liquidation by it or such regulator, supervisor or similar official, or (2) has instituted against it a proceeding seeking a judgment of insolvency or bankruptcy or any other relief under any bankruptcy or insolvency law or other similar law affecting creditors' rights, or a petition is presented for its winding-up or liquidation, and such proceeding or petition is instituted or presented by a person or entity not described in sub-clause (iv) (1) above and either (x) results in a judgment of insolvency or bankruptcy or the entry of an order for relief or the making of an order for its winding-up or liquidation or (y) is not immediately dismissed, discharged, stayed or restrained; (v) seeks or becomes subject to the appointment of an administrator, provisional liquidator, conservator, receiver, trustee, custodian or other similar official for it or for all or substantially all its assets; (vi) has a secured party take possession of all or substantially all its assets or has a distress, execution, attachment, sequestration or other legal process levied, enforced or sued on or against all or substantially all its assets and such secured party maintains possession, or any such process is not immediately dismissed, discharged, stayed or restrained; or (vii) causes or is subject to any event with respect to it which, under the applicable laws of any jurisdiction, has an effect analogous to any of the events specified in sub-clauses (i) to (vi) above; or

- 4.2 the occurrence of a Merger Event or Tender Offer;

### **Litigation/Fraudulent Activity Events:**

- 4.3 there exists any litigation against the ETI or an ETI Related Party which the Calculation Agent determines, acting in good faith and in a commercially reasonable manner, could materially affect the value of the ETI Interests or on the rights or remedies of any investor therein; or
- 4.4 (i) an allegation of criminal or fraudulent activity is made in respect of the ETI, or any ETI Related Party, or any employee of any such entity, or the Calculation Agent reasonably determines that any such criminal or fraudulent activity has occurred, or (ii) any investigative, judicial, administrative or other civil or criminal proceedings is commenced or is threatened against the ETI, any ETI Related Party or any key personnel of such entities if such allegation, determination, suspicion or proceedings could, in the determination of the Calculation Agent acting in good faith and in a commercially reasonable manner, materially affect the value of the ETI Interests or the rights or remedies of any investor in such ETI Interests;

### **Change in ETI Related Parties/Key Persons Events:**

- 4.5 (i) an ETI Related Party ceases to act in such capacity in relation to the ETI (including by way of Merger Event or Tender Offer) and is not immediately replaced in such capacity by a successor acceptable to the Calculation Agent; and/or (ii) any event occurs which causes, or will with the passage of time (in the opinion of the Calculation Agent) cause, the failure of the ETI and/or any ETI Related Party to meet or maintain any obligation or undertaking under the ETI Documents which failure is reasonably likely to have an adverse impact on the value of the ETI Interests or on the rights or remedies of any investor therein;

### **Modification Events:**

- 4.6 a material modification of or deviation from any of the investment objectives, investment restrictions, investment process or investment guidelines of the ETI (howsoever described, including the underlying

## ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

type of assets in which the ETI invests), from those set out in the ETI Documents, or any announcement regarding a potential modification or deviation, except where such modification or deviation is of a formal, minor or technical nature;

- 4.7 a material modification, cancellation or disappearance (howsoever described), or any announcement regarding a potential future material modification, cancellation or disappearance (howsoever described), of the type of assets (i) in which the ETI invests, (ii) the ETI purports to track, or (iii) the ETI accepts/provides for purposes of creation/redemption baskets;
- 4.8 a material modification, or any announcement regarding a potential future material modification, of the ETI (including but not limited to a material modification of the ETI Documents or to the ETI's liquidity terms) other than a modification or event which does not affect the ETI Interests or the or any portfolio of assets to which the ETI Interest relates (either alone or in common with other ETI Interests issued by the ETI);
- 4.9 the currency denomination of the ETI Interest is amended from that set out in the ETI Documents so that the Value per ETI Interest is no longer calculated in the same currency as it was as at the Trade Date; or
- 4.10 if applicable, the ETI ceases to be an undertaking for collective investments under the legislation of its relevant jurisdiction;

### **Net Asset Value/Investment/AUM Level Events:**

- 4.11 a material modification of the method of calculating the Value per ETI Interest;
- 4.12 any change in the periodicity of the calculation or the publication of the Value per ETI Interest;
- 4.13 any of the ETI, any ETI Related Parties or any other party acting on behalf of the ETI fails for any reason to calculate and publish the Value per ETI Interest within the Number of Value Publication Days following any date scheduled for the determination of the valuation of the ETI Interests unless the cause of such failure to publish is of a technical nature and outside the immediate and direct control of the entity responsible for such publication;
- 4.14 the assets under management of, or total investment in, the ETI falls below the Investment/AUM Level;
- 4.15 a Value per ETI Interest Trigger Event occurs;
- 4.16 failure by the ETI or any ETI Related Party to publish (i) the Value per ETI Interest at the end of each Scheduled Trading Day as a result of any action or inaction by the ETI or any ETI Related Party, or (ii) where the relevant ETI Documents provide for the publication of an indicative Value per ETI Interest, such indicative Value per ETI Interest is published no less frequently than once every five (5) minutes during regular trading hours on the Exchange on each Scheduled Trading Day; or
- 4.17 (i) the Value per ETI Interest Trading Price Differential breaches the Value per ETI Interest Trading Price Barrier, and (ii) such breach has an adverse impact on any hedging activities in relation to the Securities;

### **Tax/Law/Accounting/Regulatory Events:**

- 4.18 there is a change in or in the official interpretation or administration of any laws or regulations relating to taxation that has or is likely to have a material adverse effect on any hedging arrangements entered into by any Hedge Provider in respect of the Securities (a "**Tax Event**") and, subject as provided below, the Hedge Provider has, for a period of one calendar month following the day the relevant Tax Event

#### ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

became known to it, used reasonable efforts to mitigate the material adverse effect of the Tax Event by seeking to transfer such hedging arrangements to an affiliated company, provided that the Hedge Provider shall not under any circumstances be obliged to take any steps which would result in sustaining a loss or expense of any kind and the period set out above for such mitigation shall be deemed satisfied on any date it is or becomes apparent at any time that there is no practicable means of mitigating the Tax Event; or

- 4.19 (i) any relevant activities of or in relation to the ETI or the ETI Related Parties are or become unlawful, illegal or otherwise prohibited in whole or in part as a result of compliance with any present or future law, regulation, judgment, order or directive of any governmental, administrative, legislative or judicial authority or power, or in the interpretation thereof, in any applicable jurisdiction (including, but not limited to, any cancellation, suspension or revocation of the registration or approval of the ETI by any governmental, legal or regulatory entity with authority over the ETI), (ii) a relevant authorisation or licence is revoked, lapses or is under review by a competent authority in respect of the ETI or the ETI Related Parties or new conditions are imposed, or existing conditions varied, with respect to any such authorisation or licence, (iii) the ETI is required by a competent authority to redeem any ETI Interests, (iv) the Hedge Provider is required by a competent authority or any other relevant entity to dispose of or compulsorily redeem any ETI Interests held in connection with any hedging arrangements relating to the Securities and/or (v) any change in the legal, tax, accounting or regulatory treatment of the ETI or any ETI Related Party that is reasonably likely to have an adverse impact on the value of the ETI Interests or other activities or undertakings of the ETI or on the rights or remedies of any investor therein, including any Hedge Provider;

##### **Hedging/Impracticality/Increased Costs Events:**

- 4.20 in connection with any hedging activities in relation to the Securities, as a result of any adoption of, or any change in, any law, order, regulation, decree or notice, howsoever described, after the Trade Date, or issuance of any directive or promulgation of, or any change in the interpretation, whether formal or informal, by any court, tribunal, regulatory authority or similar administrative or judicial body of any law, order, regulation, decree or notice, howsoever described, after such date or as a result of any other relevant event (each a "**Relevant Event**") (i) it would become unlawful or impractical for the Hedge Provider to hold (including, without limitation, circumstances requiring the Hedge Provider to modify any reserve, special deposit, or similar requirement or that would adversely affect the amount or cost of regulatory capital that would have to be maintained in respect of any holding of ETI Interests or that would subject a holder of the ETI Interests or the Hedge Provider to any loss), purchase or sell the relevant ETI Interests or any underlying assets of or related to the ETI or for the Hedge Provider to maintain its hedging arrangements and, (ii) subject as provided below, the Hedge Provider has, for a period of one calendar week following the day the Relevant Event became known to it, used reasonable efforts to mitigate the effect of the Relevant Event by seeking to transfer such hedging arrangements to an affiliated company, provided that the Hedge Provider shall not under any circumstances be obliged to take any steps which would result in sustaining a loss or expense of any kind and the period of one calendar week set out above shall be deemed satisfied on any date it is or becomes at any time apparent that there is no practicable means of mitigating the Relevant Event;
- 4.21 in connection with the hedging activities in relation to the Securities, if the cost to the Hedge Provider in relation to the Securities and the related hedging arrangements (including, but not limited to, new or increased taxes, duties, expenses or fees (or the combined effect thereof if occurring more than once)) would be materially increased or the Hedge Provider would be subject to a material loss relating to the Securities and the related hedging arrangements;

## ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

- 4.22 in connection with the hedging activities in relation to the Securities, the Hedge Provider is unable or it becomes impractical for the Hedge Provider, to (i) acquire, establish, re-establish, substitute, maintain, unwind or dispose of any transaction or asset or any futures or option contracts on the relevant Exchange it deems necessary to hedge the equity, commodity or other underlying ETI Interest asset price risk or any other relevant price risk, including but not limited to the Issuer's obligations under the Securities or (ii) to realise, recover or remit the proceeds of any such transaction, asset, or futures or option contract or any relevant hedge positions relating to an ETI Interest of the ETI;
- 4.23 at any time on or after the Trade Date, the Issuer and/or any of its Affiliates would incur an increased (as compared with circumstances existing on the Trade Date) amount of tax, duty, capital and/or funding costs, expense or fee (other than brokerage commissions) to maintain the Securities;
- 4.24 If at any time on or after the Trade Date of the first issue of the Series, (i) the Hedge Provider unintentionally acquires directly or indirectly any ownership interest in an ETI that exceeds 10 per cent. of the total assets under management or (ii) as a consequence of changes in the performance, size, investment strategy or liquidity of an ETI, the Hedge Provider holds an ownership interest in such ETI that exceeds 10 per cent. of the total assets under management;

### **Miscellaneous Events:**

- 4.25 in the case of Securities linked to an ETI Basket, a Basket Trigger Event occurs;
- 4.26 the long-term unsecured, unsubordinated and unguaranteed debt rating assigned to any ETI Related Party or any parent company (howsoever described) of the ETI, by Moody's Investors Service Inc., or any successor to the ratings business thereof ("**Moody's**"), and/or Standard and Poor's Rating Group (a division of McGraw-Hill, Inc.), or any successor to the ratings business thereof ("**S&P**"), is downgraded below A (S&P) or A2 (Moody's) and/or the short-term unsecured, unsubordinated and unguaranteed debt rating assigned to any ETI Related Party by Moody's or S&P is downgraded below A-1 (S&P) or P-1 (Moody's);
- 4.27 the occurrence of a Loss of Stock Borrow;
- 4.28 the occurrence of an Additional Extraordinary ETI Event;
- 4.29 if the relevant ETI Documents provide for the payment of dividends, the occurrence of a Dividend Event;
- 4.30 the relevant Exchange announces that pursuant to the rules of such Exchange, the relevant ETI Interests cease (or will cease) to be listed, traded or publicly quoted on the Exchange for any reason and are not immediately re-listed, re-traded or re-quoted on (i) where the Exchange is located in the United States, any of the New York Stock Exchange, the American Stock Exchange or the NASDAQ National Market System (or their respective successors) or otherwise (ii) a comparable exchange or quotation system located in the same country as the Exchange (or, where the Exchange is within the European Union, in a member state of the European Union).

All of the events listed in this ETI Security Condition 4 (Extraordinary ETI Events) will constitute an Extraordinary ETI Event, unless SC/FM ETI Events is specified as applicable in the applicable Final Terms, in which case, the events described in ETI Security Conditions 4.17, 4.18, 4.19(iv), 4.19(v), 4.20, 4.21, 4.22, 4.23, 4.24 and 4.27 will not constitute an Extraordinary ETI Event.

### **5. Determination of Extraordinary ETI Events**

The Calculation Agent will determine if an Extraordinary ETI Event has occurred acting in good faith and in a commercially reasonable manner. Where the occurrence of an event or set of circumstances is

## ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

capable of triggering more than one Extraordinary ETI Event or both an Extraordinary ETI Event and a Market Disruption Event, the Issuer may determine which Extraordinary ETI Event is to be triggered or whether such event or set of circumstances shall be an Extraordinary ETI Event or Market Disruption Event.

In considering whether the occurrence of an event or set of circumstances triggers an Extraordinary ETI Event, the Calculation Agent may have regard to the combined effect, from the Trade Date, of any event or set of circumstances, as the case may be, if such event or set of circumstances occurs more than once.

### 6. Consequences of an Extraordinary ETI Event

- 6.1 If the Calculation Agent determines that an Extraordinary ETI Event has occurred, the Calculation Agent shall give notice (an "**Extraordinary ETI Event Notice**") to the Holders in accordance with Security Condition 10 (which notice shall be irrevocable), of the occurrence of such Extraordinary ETI Event (the date on which an Extraordinary ETI Event Notice is given, an "**Extraordinary ETI Event Notification Date**") as soon as reasonably practicable following the determination of an Extraordinary ETI Event. The Extraordinary ETI Event Notice shall set out, if determined at that time, the action that it has determined to take in respect of the Extraordinary ETI Event pursuant to ETI Security Condition 6.2 below. Where the action that the Issuer has determined to take is not, for whatever reason, set out in the Extraordinary ETI Event Notice, the action that the Issuer has determined to take shall be set out in a subsequent notice given to Holders in accordance with Security Condition 10 as soon as reasonably practicable after the Extraordinary ETI Event Notification Date.

Neither the Issuer nor the Calculation Agent shall be responsible for any loss, underperformance or opportunity cost suffered or incurred by any Holder or any other person in connection with the Securities as a result of any delay in notifying Holders of the occurrence of an Extraordinary ETI Event, howsoever arising. If the Calculation Agent gives an Extraordinary ETI Event Notice, the Issuer shall have no obligation to make any payment or delivery in respect of the Securities until the Issuer has determined the action to take pursuant to ETI Security Condition 6.2 below.

- 6.2 Following the occurrence of an Extraordinary ETI Event, the Issuer may take the action described below in (a), (b) or (c).

(a) Adjustment

If the Issuer determines that the action taken in respect of the Extraordinary ETI Event is to be "**Adjustment**", then it may:

- (i) require the Calculation Agent to determine, acting in good faith and in a commercially reasonable manner, the appropriate adjustment, if any, to be made to any one or more of any Relevant Asset and/or the Entitlement (in each case where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms to account for the relevant Extraordinary ETI Event and determine the effective date of that adjustment. The relevant adjustments may include, without limitation, adjustments to account for changes in volatility, expected dividends, stock loan rate or liquidity relevant to the ETI Interests or to the Securities and a change in the Weighting of any remaining ETI Interest(s) not affected by an Extraordinary ETI Event. The Calculation Agent may (but need not) determine the appropriate adjustment by reference to the adjustment in respect of the relevant Extraordinary ETI Event made by any options exchange to options on the ETI Interests traded on that options exchange; or

#### ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

- (ii) following such adjustment to the settlement terms of options on the ETI Interests traded on such exchange(s) or quotation system(s) as the Issuer shall select (the "**Options Exchange**"), require the Calculation Agent to make a corresponding adjustment to any one or more of any Relevant Asset and/or the Entitlement (in each case where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms, which adjustment will be effective as of the date determined by the Calculation Agent to be the effective date of the corresponding adjustment made by the Options Exchange. If options on the ETI Interests are not traded on the Options Exchange, the Calculation Agent will make such adjustment, if any, to any one or more of any Relevant Asset and/or the Entitlement (in each case where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate, with reference to the rules and precedents (if any) set by the Options Exchange to account for the relevant Extraordinary ETI Event, that in the determination of the Calculation Agent would have given rise to an adjustment by the Options Exchange if such options were so traded.

(b) Substitution

If the Issuer determines that the action to be taken in respect of the Extraordinary ETI Event is to be "**Substitution**", the Calculation Agent shall on or after the relevant Extraordinary ETI Event Effective Date, substitute each ETI Interest (each, an "**Affected ETI Interest**") of each ETI (each, an "**Affected ETI**") which is affected by such Extraordinary ETI Event with an ETI Interest selected by it in accordance with the criteria for ETI Interest selection set out below (each, a "**Substitute ETI Interest**") and the Substitute ETI Interest will be deemed to be an "**ETI Interest**" and the relevant issuer of such Substitute ETI Interest, an "**ETI**" for the purposes of the Securities, and the Calculation Agent will make such adjustment, if any, to any one or more of any Relevant Asset and/or the Entitlement (in each case where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate, provided that in the event that any amount payable under the Securities was to be determined by reference to the Initial Price of the Affected ETI Interest, the Initial Price of each Substitute ETI Interest will be determined by the Calculation Agent in accordance with the following formula:

$$\text{Initial Price} = A \times (B/C)$$

where:

"**A**" is the Settlement Price of the relevant Substitute ETI Interest on the relevant Exchange on the Substitution Date;

"**B**" is the Initial Price of the relevant Affected ETI Interest; and

"**C**" is the Settlement Price of the relevant Affected ETI Interest on the relevant Exchange on the Substitution Date.

Such substitution and the relevant adjustment to the ETI Basket will be deemed to be effective as of the date selected by the Calculation Agent (the "**Substitution Date**") acting in good faith and in a commercially reasonable manner and specified in the notice referred to below which may, but need not, be the relevant Extraordinary ETI Event Effective Date.



## ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

The Weighting of each Substitute ETI Interest will be equal to the Weighting of the relevant Affected ETI Interest.

In order to be selected as a Substitute ETI Interest, the relevant share/unit/interest must satisfy the following criteria, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner:

- (i) where the relevant Extraordinary ETI Event is a Merger Event or a Tender Offer (a) in the case of ETI Securities related to a single ETI, and (b) in the case of ETI Securities related to an ETI Basket, the relevant share/unit/interest shall be an ordinary share/unit/interest of the entity or person that in the case of a Merger Event is the continuing entity in respect of the Merger Event or in the case of a Tender Offer is the entity making the Tender Offer provided that (i) the relevant share/unit/interest is not already included in the ETI Basket and (ii) it is or as of the relevant Extraordinary ETI Event Effective Date is promptly scheduled to be, (x) publicly quoted, traded or listed on an exchange or quotation system located in the same country as the relevant Exchange (or, where the relevant Exchange is within the European Union, in any member state of the European Union) and (y) not subject to any currency exchange controls, trading restrictions or other trading limitations; or
- (ii) (a) where the relevant Extraordinary ETI Event is a Merger Event or a Tender Offer and a share/unit/interest would otherwise satisfy the criteria set out in paragraph (i) above, but such share/unit/interest is (in the case of an ETI Security related to an ETI Basket), already included in the ETI Basket, or (b) where the Extraordinary ETI Event is not a Merger Event or a Tender Offer, an alternative exchange traded instrument which, in the determination of the Calculation Agent, has similar characteristics to the relevant ETI, including but not limited to, a comparable listing (which, for the avoidance of doubt, shall not be restricted to a listing on the exchange or quotation system in the same geographic region), investment objectives, investment restrictions and investment processes, underlying asset pools and whose related parties (such as, but not limited to, trustee, general partner, sponsor, advisor, manager, operating company, custodian, prime broker and depository) are acceptable to the Calculation Agent;

### (c) Termination

If the Issuer determines that the action to be taken in respect of the Extraordinary ETI Event is to be "**Termination**", on giving notice to Holders in accordance with Security Condition 10, (which such notice may be included in the Extraordinary ETI Event Notice in respect of the relevant Extraordinary ETI Event and will specify the Termination Date), all but not some only of the outstanding Securities shall be redeemed by payment of the Termination Amount on the Termination Date, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10.

### (d) General

In determining to take a particular action as a result of an Extraordinary ETI Event, the Issuer is under no duty to consider the interests of Holders or any other person. In making any determination as to which action to take following the occurrence of an Extraordinary ETI Event, neither the Issuer nor the Calculation Agent shall be responsible for any loss (including any liability in respect of loss of interest), underperformance or opportunity cost suffered or incurred by Holders or any other person in connection with the Securities as a result thereof, howsoever arising including as a result of any delay in making any payment or delivery in respect of the Securities.

## 7. Correction of ETI Interest Price

## ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

With the exception of any corrections published after the day which is three Exchange Business Days prior to the due date for any payment or delivery under the Securities, if the price of the relevant ETI Interest published on a given day and used or to be used by the Calculation Agent to make any determination under the Securities is subsequently corrected and the correction is published by the relevant price source within the number of days equal to the ETI Interest Correction Period of the original publication, the price to be used shall be the price of the relevant ETI Interest as so corrected. Corrections published after the day which is three Exchange Business Days prior to a due date for payment or delivery under the Securities will be disregarded by the Calculation Agent for the purposes of determining the relevant amount.

### 8. **Calculations and Determinations**

To the extent permitted by any applicable law, the Calculation Agent and/or the Issuer, as applicable, will make the calculations and determinations as described in the ETI Security Conditions in such a manner as the Calculation Agent and/or the Issuer, as the case may be, determines to be appropriate acting in good faith and in a commercially reasonable manner having regard in each case to the criteria stipulated in the ETI Security Conditions, the hedging arrangements in respect of the Securities and the nature of the relevant ETI and related ETI Interests.

### **ETI Share Provisions applicable**

IF ETI Share Provisions is specified as applicable in the applicable Final Terms, ETI Security Conditions 9 to 14 (inclusive) will apply.

### 9. **Definitions relating to ETI Shares**

**"Basket of ETI Interests"** means a basket composed of ETI Interests of each ETI specified in the applicable Final Terms in the weightings or numbers of ETI Interests of each ETI specified in the applicable Final Terms;

**"Clearance System"** means the principal domestic clearance system customarily used for settling trades in the relevant ETI;

**"Clearance System Days"** means, in respect of a Clearance System, any day on which such Clearance System is (or, but for the occurrence of an event which results in the Clearance System being unable to clear the transfer of a relevant security would have been) open for the acceptance and execution of settlement instructions;

**"Closing Price"** means, in respect of an ETI Interest and a Scheduled Trading Day, the official closing price in respect of the relevant ETI Interest in relation to such day as determined by the Calculation Agent, subject as provided in ETI Security Condition 11 (Potential Adjustment Events) or ETI Security Condition 12 (Extraordinary Events);

**"Disrupted Day"** means any Scheduled Trading Day on which a relevant Exchange or any Related Exchange fails to open for trading during its regular trading session or on which a Market Disruption Event has occurred;

**"Early Closure"** means the closure on any Exchange Business Day of the relevant Exchange(s) or any Related Exchange(s) prior to its Scheduled Closing Time unless such earlier closing time is announced by such Exchange(s) or such Related Exchange(s), as the case may be, at least one hour prior to the earlier of (a) the actual closing time for the regular trading session on such Exchange(s) or such Related Exchange(s) on such Exchange Business Day and (b) the submission deadline for orders to be entered

#### ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

into the Exchange or Related Exchange system for execution at the Valuation Time on such Exchange Business Day;

"**ETI**" means the legal vehicle and/or legal arrangements that issue the ETI Interests;

"**ETI Correction Period**" means (a) the period specified in the applicable Final Terms, or (b) if none is so specified, one Settlement Cycle;

"**ETI Documents**" means, with respect to an ETI, the constitutive and governing documents, subscription agreements and other agreements of the ETI specifying the terms and conditions relating to such ETI and/or the ETI Interests, in each case, as amended from time to time;

"**ETI Interests**" means units in the ETI as specified in the applicable Final Terms;

"**ETI Manager**" means, in respect of an ETI, each of the investment advisor, investment manager and sub-manager of such ETI, and any other key individual or entity involved with or having supervisory or management powers over such ETI;

"**ETI Strategy**" means, in respect of an ETI, the strategies or investment guidelines stated in the ETI Documents, which contribute to the net asset value of the ETI Interests;

"**Exchange**" means, in respect of an ETI Interest, each exchange or quotation system specified as such for such ETI Interest in the applicable Final Terms, any successor to such exchange or quotation system or any substitute exchange or quotation system to which trading in the ETI Interest has temporarily relocated (provided that the Calculation Agent has determined that there is comparable liquidity relative to such ETI Interest on such temporary substitute exchange or quotation system as on the original Exchange);

"**Exchange Business Day**" means either (a) in the case of a single ETI Interest, Exchange Business Day (Single ETI Interest Basis) or (b) in the case of a Basket of ETI Interests, (i) Exchange Business Day (All ETI Interests Basis) or (ii) Exchange Business Day (Per ETI Interest Basis), in each case as specified in the applicable Final Terms, provided that, if no such specification is made in the applicable Final Terms, Exchange Business Day (Per ETI Interest Basis) shall apply;

"**Exchange Business Day (All ETI Interests Basis)**" means, in respect of a Basket of ETI Interests, any Scheduled Trading Day on which each Exchange and each Related Exchange, if any, are open for trading in respect of all ETI Interests comprised in the Basket of ETI Interests during their respective regular trading session(s) notwithstanding any such Exchange or Related Exchange closing prior to their Scheduled Closing Time;

"**Exchange Business Day (Per ETI Interest Basis)**" means, in respect of an ETI Interest, any Scheduled Trading Day on which the relevant Exchange and the relevant Related Exchange, if any, in respect of such ETI Interest are open for trading during their respective regular trading session(s), notwithstanding any such relevant Exchange or relevant Related Exchange closing prior to their Scheduled Closing Time;

"**Exchange Business Day (Single ETI Interest Basis)**" means any Scheduled Trading Day on which the relevant Exchange and the relevant Related Exchange, if any, are open for trading during their respective regular trading session(s), notwithstanding any such relevant Exchange or relevant Related Exchange closing prior to their Scheduled Closing Time;

"**Exchange Disruption**" means any event (other than an Early Closure) that disrupts or impairs (as determined by the Calculation Agent) the ability of market participants in general (a) to effect transactions in, or obtain market values for, the ETI Interest(s) on the Exchange or (b) to effect

#### ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

transactions in, or obtain market values for, futures or options contracts on or relating to the ETI Interest(s) on any relevant Related Exchange;

**"Intraday Price"** means, in respect of an ETI interest and any time on a Scheduled Trading Day, the published or quoted price in respect of the relevant ETI Interest at such time on such day as determined by the Calculation Agent, subject as provided in ETI Security Condition 11 (Potential Adjustment Events) or ETI Security Condition 12 (Extraordinary Events);

**"Protected Amount"** means the amount specified as such in the applicable Final Terms;

**"Related Exchange"** means, in relation to an ETI Interest, each exchange or quotation system specified as such for such ETI Interest in the applicable Final Terms, any successor to such exchange or quotation system or any substitute exchange or quotation system to which trading in futures or options contracts relating to such ETI Interest has temporarily relocated (provided that the Calculation Agent has determined that there is comparable liquidity relative to the futures or options contracts relating to such ETI Interest on such temporary substitute exchange or quotation system as on the original Related Exchange), provided that where "All Exchanges" is specified as the Related Exchange in the applicable Final Terms, **"Related Exchange"** shall mean each exchange or quotation system where trading has a material effect (as determined by the Calculation Agent) on the overall market for futures or options contracts relating to such ETI Interest;

**"Scheduled Trading Day"** means either (a) in the case of a single ETI Interest, Scheduled Trading Day (Single ETI Interest Basis) or (b) in the case of a Basket of ETI Interests, (i) Scheduled Trading Day (All ETI Interests Basis) or (ii) Scheduled Trading Day (Per ETI Interest Basis), in each case as specified in the applicable Final Terms, provided that, if no such specification is made in the applicable Final Terms, Scheduled Trading Day (Per ETI Interest Basis) shall apply;

**"Scheduled Trading Day (All ETI Interests Basis)"** means, in respect of a Basket of ETI Interests, any day on which each Exchange and each Related Exchange are scheduled to be open for trading in respect of all ETI Interests comprised in the Basket of ETI Interests during their respective regular trading session(s);

**"Scheduled Trading Day (Per ETI Interest Basis)"** means, in respect of an ETI Interest, any day on which the relevant Exchange and the relevant Related Exchange in respect of such ETI Interest are scheduled to be open for trading during their respective regular trading session(s);

**"Scheduled Trading Day (Single ETI Interest Basis)"** means any day on which the relevant Exchange and the relevant Related Exchange are scheduled to be open for trading during their respective regular trading session(s);

**"Settlement Cycle"** means in respect of an ETI Interest, the period of Clearance System Days following a trade in the ETI Interest on the Exchange in which settlement will customarily occur according to the rules of such Exchange;

**"Settlement Price"** means, unless otherwise stated in the applicable Final Terms and subject to the provisions of these ETI Security Conditions and as referred to in "Strike Date", "Observation Date", "Valuation Date" or "Averaging Date", as the case may be:

- (a) in the case of ETI Securities relating to a Basket of ETI Interests and in respect of each ETI Interest comprising the Basket of ETI Interests, an amount equal to the official closing price (or the price at the Valuation Time on the relevant Settlement Price Date or an Averaging Date, as the case may be, if so specified in the applicable Final Terms) quoted on the relevant Exchange

#### ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

for such ETI Interest on (i) if Averaging is not specified in the applicable Final Terms, the relevant Settlement Price Date or (ii) if Averaging is specified in the applicable Final Terms, an Averaging Date, or if in the opinion of the Calculation Agent, any such official closing price (or the price at the Valuation Time on the relevant Settlement Price Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) cannot be so determined and the relevant Settlement Price Date or Averaging Date, as the case may be, is not a Disrupted Day, an amount determined by the Calculation Agent to be equal to the arithmetic mean of the closing fair market buying price (or the fair market buying price at the Valuation Time on the relevant Settlement Price Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) and the closing fair market selling price (or the fair market selling price at the Valuation Time on the relevant Settlement Price Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) for such ETI Interest whose official closing price (or the price at the Valuation Time on the relevant Settlement Price Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) cannot be determined by the Calculation Agent, acting in good faith and in a commercially reasonable manner, either on the arithmetic mean of the foregoing prices or middle market quotations provided to it by two or more financial institutions or applicable brokers (as selected by the Calculation Agent) engaged in the trading of such ETI Interests (or on such other factors as the Calculation Agent shall decide), multiplied by the relevant Weighting, such amount to be converted, if so specified in the applicable Final Terms, into the Settlement Currency at the Exchange Rate, all as determined by or on behalf of the Calculation Agent acting in good faith and in a commercially reasonable manner; and

- (b) in the case of ETI Securities relating to a single ETI Interest, an amount equal to the official closing price (or the price at the Valuation Time on the relevant Settlement Price Date or an Averaging Date, as the case may be, if so specified in the applicable Final Terms) quoted on the relevant Exchange for such ETI Interest on (i) if Averaging is not specified in the applicable Final Terms, the relevant Settlement Price Date or (ii) if Averaging is specified in the applicable Final Terms, an Averaging Date, or if in the opinion of the Calculation Agent, any such official closing price (or the price at the Valuation Time on the relevant Settlement Price Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) cannot be so determined and the relevant Settlement Price Date or Averaging Date, as the case may be, is not a Disrupted Day, an amount determined by the Calculation Agent to be equal to the arithmetic mean of the closing fair market buying price (or the fair market buying price at the Valuation Time on the relevant Settlement Price Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) and the closing fair market selling price (or the fair market selling price at the Valuation Time on the relevant Settlement Price Date or such Averaging Date, as the case may be, if so specified in the applicable Final Terms) for the ETI Interest determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, either on the arithmetic mean of the foregoing prices or middle market quotations provided to it by two or more financial institutions or applicable brokers (as selected by the Calculation Agent) engaged in the trading of such ETI Interests (or on such other factors as the Calculation Agent shall decide), such amount to be converted, if so specified in the applicable Final Terms, into the Settlement Currency at the Exchange Rate and such converted amount to be the Settlement Price, all as determined by or on behalf of the Calculation Agent acting in good faith and in a commercially reasonable manner;

**"Settlement Price Date"** means the Strike Date, an Observation Date or the Valuation Date, as the case may be; and

## ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

**"Trading Disruption"** means any suspension of or limitation imposed on trading by the relevant Exchange or Related Exchange or otherwise and whether by reason of movements in price exceeding limits permitted by the relevant Exchange or any Related Exchange or otherwise (a) relating to the ETI Interest on the Exchange; or (b) in futures or options contracts relating to the ETI Interest on any relevant Related Exchange.

### 10. Market Disruption (ETI Shares)

**"Market Disruption Event"** means, in relation to Securities relating to a single ETI Interest or a Basket of ETI Interests, in respect of an ETI Interest, the occurrence or existence of (a) a Trading Disruption, (b) an Exchange Disruption, which in either case the Calculation Agent determines is material, at any time during the one hour period that ends at the relevant Valuation Time, or (c) an Early Closure.

The Calculation Agent shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 of the occurrence of a Disrupted Day on any day that, but for the occurrence of a Disrupted Day, would have been the Strike Date, an Averaging Date, an Observation Date, the Automatic Early Redemption Valuation Date or a Valuation Date, as the case may be.

### 11. Potential Adjustment Events (ETI Shares)

**"Potential Adjustment Event"** means any of the following:

- (a) a subdivision, consolidation or reclassification of relevant ETI Interests (unless resulting in a Merger Event) or a free distribution or dividend of any such ETI Interests to existing holders by way of bonus, capitalisation or similar issue;
- (b) a distribution, issue or dividend to existing holders of the relevant ETI Interests of (i) such ETI Interests or (ii) other share capital or securities granting the right to payment of dividends and/or proceeds of liquidation of the ETI equally or proportionately with such payments to holders of such ETI Interests or (iii) share capital or other securities of another issuer acquired or owned (directly or indirectly) by the ETI, as a result of a spin-off or other similar transaction or (iv) any other type of securities, rights or warrants or other assets, in any case for payment (in cash or other consideration) at less than the prevailing market price as determined by the Calculation Agent;
- (c) an extraordinary dividend as determined by the Calculation Agent;
- (d) a call by an ETI in respect of relevant ETI Interests that are not fully paid;
- (e) a repurchase by the ETI or its subsidiaries of relevant ETI Interests whether out of profits or capital and whether the consideration for such repurchase is cash, securities or otherwise;
- (f) in respect of an ETI, an event that results in any shareholder rights being distributed or becoming separated from shares of common stock or other shares of the capital stock of such ETI, pursuant to a shareholder rights plan or arrangement directed against hostile takeovers that provides upon the occurrence of certain events for a distribution of preferred stock, certificates, warrants, debt instruments or stock rights at a price below their market value as determined by the Calculation Agent, provided that any adjustment effected as a result of such an event shall be readjusted upon any redemption of such rights; or
- (g) any other event that may have, in the opinion of the Calculation Agent, a diluting or concentrative effect on the theoretical value of the relevant ETI Interests.

## ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

**"Potential Adjustment Event Effective Date"** means, in respect of a Potential Adjustment Event, the date on which such Potential Adjustment Event is announced by the relevant ETI, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner.

Except as may be limited in the case of U.S. Securities, following the declaration by the relevant ETI of the terms of any Potential Adjustment Event, the Calculation Agent will, acting in good faith and in a commercially reasonable manner, determine whether such Potential Adjustment Event has a diluting or concentrative effect on the theoretical value of the ETI Interest and, if so, will (a) make the corresponding adjustment, if any, to any one or more of any Relevant Asset and/or the Entitlement (where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate to account for that diluting or concentrative effect (provided that no adjustments will be made to account solely for changes in volatility, expected dividends, stock loan rate or liquidity relative to the relevant ETI Interest) and (b) determine the effective date of that adjustment. The Calculation Agent may, but need not, determine the appropriate adjustment by reference to (i) the adjustment in respect of such Potential Adjustment Event made by an options exchange to options on the ETI Interests traded on that options exchange and (ii) any adjustment(s) made by the ETI Manager to the ETI Interest.

Notwithstanding the foregoing, the Calculation Agent will adjust any relevant terms of the Securities as it determines appropriate to preserve the economic equivalent of the obligations of the Issuer under the Securities.

Upon the making of any such adjustment by the Calculation Agent, the Calculation Agent shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 stating the adjustment to any Relevant Asset and/or the Entitlement (where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms and giving brief details of the Potential Adjustment Event and the Potential Adjustment Event Effective Date.

### 12. Extraordinary Events (ETI Shares)

- 12.1 The occurrence of any Delisting, ETI Currency Change, ETI Modification, ETI Reclassification, ETI Redemption or Subscription Event, ETI Regulatory Action, ETI Reporting Event, ETI Strategy Breach, ETI Termination, Insolvency, Merger Event, Nationalisation or, if specified as applicable in the applicable Final Terms, Illiquidity, Listing Change, Listing Suspension or Tender Offer, as the case may be, shall be deemed to be an **"Extraordinary Event"**, the consequences of which are set forth in ETI Security Condition 12.2 (Consequences of an Extraordinary Event):

**"Delisting"** means, in respect of any relevant ETI Interest, the Exchange announces that pursuant to the rules of such Exchange, such ETI Interests cease (or will cease) to be listed, traded or publicly quoted on the Exchange for any reason (other than a Merger Event or Tender Offer) and are not immediately re-listed, re-traded or re-quoted on (a) where the Exchange is located in the United States, any of the New York Stock Exchange, the American Stock Exchange or the NASDAQ National Market System (or their respective successors) or (b) a comparable exchange or quotation system located in the same country as the Exchange (or, where the Exchange is within the European Union, in a member state of the European Union).

**"ETI Currency Change"** means that the net asset value of the ETI is quoted in a different currency to that quoted as of the Trade Date of the Securities.

#### ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

**"ETI Modification"** means any change or modification of the ETI Documents that in the determination of the Calculation Agent could reasonably be expected to affect the value of the ETI Interests or the rights of or remedies available to any holders thereof on the Trade Date of the Securities.

**"ETI Reclassification"** means (a) the occurrence of the reclassification of the ETI Interests or (b)(i) proposal for or (ii) the occurrence of the acquisition of the ETI by, or the aggregation of the ETI into, another fund the mandate, risk-profile and/or benchmarks of which the Calculation Agent determines to be different from the mandate, risk-profile and/or benchmarks of the ETI as compared to the Trade Date of the Securities (or any proposal for the foregoing occurs).

**"ETI Redemption or Subscription Event"** means (i) the suspension of any transfer of any ETI Interests, (ii) the introduction of a mandatory redemption or partial redemption of the ETI Interests, (iii) the non-execution of any creation, subscription or redemption order in respect of the ETI Interests, or (iv) the introduction or proposed introduction of subscription or redemption fees or an increase of such fees with respect to the ETI Interests in excess of those in effect as of the Trade Date of the Securities.

**"ETI Regulatory Action"** means (i) any cancellation, suspension or revocation of the registration or approval of the ETI or the ETI Interests by any governmental, legal or regulatory entity with authority over the ETI or the ETI Interests, (ii) any change in the legal, tax, accounting or regulatory treatments of the ETI, any ETI Manager or the ETI Interests that the Calculation Agent determines has or is reasonably likely to have an adverse impact on the investors in the ETI or the holders of the ETI Interests or on the value of the ETI Interests, or (iii) the ETI or its ETI Manager becoming subject to any investigation, proceeding or litigation by any relevant governmental, legal or regulatory authority involving any activities relating to or resulting from the operation of the ETI, (including, without limitation, any future, announced or implemented material change to any one or more exemptive orders, no action letters or interpretative guidance of the U.S. Securities and Exchange Commission (the "SEC"), including guidance issued by the SEC's staff, relating to the ETI or to exchange traded funds generally that affects holders of the ETI Interests, whether occurring through action of the SEC or otherwise, including as a result of a court order or executive order) that the Calculation Agent determines has or is reasonably likely to have a material adverse effect on the value, redeemability or liquidity of the ETI Interests, or the operation of the ETI in accordance with the terms of the ETI Documents or (iv) the issuance by the SEC of an order to suspend the redemption obligations of the ETI, to freeze assets of the ETI or to take any other action that the Calculation Agent determines is reasonably likely to have a material effect on the value, redeemability or liquidity of the ETI.

**"ETI Reporting Event"** means, the occurrence of any event affecting the ETI that, in the determination of the Calculation Agent, would make it impossible or impracticable for the Calculation Agent to determine the net asset value of the ETI, and such event continues for at least five consecutive Exchange Business Days.

**"ETI Strategy Breach"** means any change to, breach or violation, intentional or otherwise, of the ETI Strategy that is reasonably likely to affect the value of the ETI Interest or the rights of or remedies available to any holders thereof.

**"ETI Termination"** means the cessation or unwinding, by the ETI Manager, of the legal arrangements which gave rise to the ETI.

**"Extraordinary Event Effective Date"** means, in respect of an Extraordinary Event, the date on which such Extraordinary Event occurs, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner.



#### ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

**"Illiquidity"** means, in respect of ETI Securities relating to a Basket of ETI Interests, that, in the determination of the Calculation Agent, during any period of five consecutive Scheduled Trading Days, notwithstanding the occurrence of a Disrupted Day, falling after the Issue Date (the **"Relevant Period"**), (a) the difference between the bid prices and the ask prices in respect of an ETI Interest during the Relevant Period is greater than 1 per cent. (based on an arithmetic mean average over the Relevant Period), and/or (b) the arithmetic mean average purchase price or the arithmetic mean average selling price, determined by the Calculation Agent from the order book of the relevant ETI Interest on the relevant Exchange during the Relevant Period, in relation to the purchase or sale of ETI Interests with a value equal to or greater than EUR 10,000.00, is greater than MID plus 1 per cent. (in relation to a purchase of ETI Interests) or lower than the MID minus 1 per cent. (in relation to a sale of ETI Interests). For these purposes, **"MID"** means an amount equal to (i) the sum of the bid price and the ask price, in each case for the relevant ETI Interest at the relevant time, (ii) divided by two.

**"Insolvency"** means that by reason of the voluntary or involuntary liquidation, bankruptcy, insolvency, dissolution or winding-up of or any analogous proceeding affecting the ETI (a) all the ETI Interests of such ETI are required to be transferred to a trustee, liquidator or other similar official or (b) holders of the ETI Interests of such ETI become legally prohibited from transferring such ETI Interests.

**"Listing Change"** means, in respect of any relevant ETI Interests, that such ETI Interests cease (or will cease) to be listed, traded or publicly quoted on the listing compartment or the relevant market of the Exchange on which such ETI Interests were listed, traded or publicly quoted on the Issue Date of the relevant Securities, for any reason (other than a Merger Event or Tender Offer).

**"Listing Suspension"** means, in respect of any relevant ETI Interests, that the listing of such ETI Interests on the Exchange has been suspended.

**"Merger Event"** means, in respect of any relevant ETI Interests, any:

- (a) reclassification or change of such ETI Interests that results in a transfer of or an irrevocable commitment to transfer all of such ETI Interests outstanding to another entity or person,
- (b) consolidation, amalgamation, merger or binding share exchange of the ETI, as the case may be, with or into another entity or person (other than a consolidation, amalgamation, merger or binding share exchange in which such ETI is the continuing entity and which does not result in a reclassification or change of all of such ETI Interests outstanding),
- (c) takeover offer, tender offer, exchange offer, solicitation, proposal or other event by any entity or person to purchase or otherwise obtain 100 per cent. of the outstanding ETI Interests of such ETI that results in a transfer of or an irrevocable commitment to transfer all such ETI Interests (other than such ETI Interests owned or controlled by such other entity or person), or
- (d) consolidation, amalgamation, merger or binding share exchange of the ETI or its subsidiaries with or into another entity in which such ETI is the continuing entity and which does not result in a reclassification or change of all such ETI Interests outstanding but results in the outstanding ETI Interests (other than ETI Interests owned or controlled by such other entity) immediately prior to such event collectively representing less than 50 per cent. of the outstanding ETI Interests immediately following such event,

in each case if the relevant Extraordinary Event Effective Date is on or before (i) in the case of Cash Settled Securities, the last occurring Valuation Date or where Averaging is specified in the applicable Final Terms, the final Averaging Date in respect of the relevant Security or (ii) in the case of Physical Delivery Securities, the relevant Redemption Date.

## ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

**"Nationalisation"** means that all the ETI Interests or all or substantially all the assets of the ETI are nationalised, expropriated or are otherwise transferred to any governmental agency, authority, entity or instrumentality thereof.

**"Tender Offer"** means a takeover offer, tender offer, exchange offer, solicitation, proposal or other event by any entity or person that results in such entity or person purchasing, or otherwise obtaining or having the right to obtain, by conversion or other means, greater than 50 per cent. and less than 100 per cent. of the outstanding voting shares of the ETI, as determined by the Calculation Agent, based upon the making of filings with governmental or self-regulatory agencies or such other information as the Calculation Agent deems relevant.

### 12.2 Consequences of an Extraordinary Event

If an Extraordinary Event occurs in relation to an ETI Interest, the Issuer may take any of the relevant actions described in (a), (c) or (d) (in the case of Securities relating to either a single ETI Interest or a Basket of ETI Interests), or (b) or (e) below (in the case of Securities relating to a Basket of ETI Interests) (except as may be limited in the case of U.S. Securities) as it deems appropriate:

- (a) require the Calculation Agent to determine acting in good faith and in a commercially reasonable manner the appropriate adjustment, if any, to be made to any one or more of any Relevant Asset and/or the Entitlement (in each case where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms to account for the relevant Extraordinary Event and determine the effective date of that adjustment. The relevant adjustments may include, without limitation, adjustments to account for changes in volatility, expected dividends, stock loan rate or liquidity relevant to the ETI Interests or to the Securities. The Calculation Agent may (but need not) determine the appropriate adjustment by reference to the adjustment in respect of the relevant Extraordinary Event made by any options exchange to options on the ETI Interests traded on that options exchange. In addition, in relation to a Basket of ETI Interests, the Calculation Agent may adjust the Basket of ETI Interests in accordance with the provisions of subparagraph (e) below;
- (b) in the case of ETI Securities relating to a Basket of ETI Interests, redeem in part by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed in part the portion (the **"Settled Amount"**) of each Security, representing the affected ETI Interest(s) shall be cancelled and the Issuer will:
  - (i) if Highest Value is specified as applicable in the applicable Final Terms, pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(a);
  - (ii) if Market Value is specified as applicable in the applicable Final Terms, pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or
  - (iii) if the Calculation Agent determines that such Extraordinary Event constitutes a force majeure, and if ETI Security Condition 12.2(b)(iii) is specified in the applicable Final Terms, the Issuer will pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of the Settled Amount, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem in part the Securities

#### ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

at the Settled Amount) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of partial redemption; or

- (iv) otherwise, pay to each Holder in respect of each Security held by him an amount equal to the fair market value of the Settled Amount taking into account the relevant Extraordinary Event, less, unless if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner; and
- (v) require the Calculation Agent to determine acting in good faith and in a commercially reasonable manner the appropriate adjustment, if any, to be made to any one or more of any Relevant Asset and/or the Entitlement (in each case where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms to account for such redemption in part.

For the avoidance of doubt the remaining part of each Security after such redemption and adjustment shall remain outstanding with full force and effect. Payments will be made in such manner as shall be notified to the Holders in accordance with Security Condition 10;

- (c)
  - (i) unless Delayed Redemption on Occurrence of an Extraordinary Event, Highest Value, Market Value or Monetisation Option are specified as being applicable in the applicable Final Terms, on giving notice to Holders in accordance with Security Condition 10 redeem all but not some only of the Securities at the amount equal to the fair market value of such Security taking into account the relevant Extraordinary Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10; or
  - (ii) if Delayed Redemption on Occurrence of an Extraordinary Event is specified as being applicable in the applicable Final Terms, the Calculation Agent shall calculate the fair market value of such Security, taking into account the relevant Extraordinary Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements (the "**Calculated Extraordinary Event Amount**") as soon as practicable following the occurrence of the relevant Extraordinary Event (the "**Calculated Extraordinary Event Amount Determination Date**") and on the Redemption Date shall redeem each Security at an amount calculated by the Calculation Agent equal to (x) the Calculated Extraordinary Event Amount plus interest accrued from and including the Calculated Extraordinary Event Amount Determination Date to but excluding the Redemption Date at a rate equal to Issuer's funding cost at such time or (y) if Principal Protected Termination Amount is specified as applicable in the applicable Final Terms and if greater, the Protected Amount (specified in the applicable Final Terms); or
  - (iii) if Highest Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but

#### ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(a);

- (iv) if Market Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or
  - (v) if Monetisation Option is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(c);
  - (vi) if the Calculation Agent determines that an Extraordinary Event constitutes a force majeure, and if ETI Security Condition 12.2(c)(vi) is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption;
- (d) following such adjustment to the settlement terms of options on the ETI Interests traded on such exchange(s) or quotation system(s) as the Issuer shall select (the "**Options Exchange**"), require the Calculation Agent to make a corresponding adjustment to any one or more of any Relevant Asset and/or the Entitlement (in each case where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms, which adjustment will be effective as of the date determined by the Calculation Agent to be the effective date of the corresponding adjustment made by the Options Exchange. If options on the ETI Interests are not traded on the Options Exchange, the Calculation Agent will make such adjustment, if any, to any one or more of any Relevant Asset and/or the Entitlement (in each case where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate, with reference to the rules and precedents (if any) set by the Options Exchange to account for the relevant Extraordinary Event, that in the determination of the Calculation Agent would have given rise to an adjustment by the Options Exchange if such options were so traded; or
- (e) on or after the relevant Extraordinary Event Effective Date, the Calculation Agent may adjust the Basket of ETI Interests to include an ETI Interest selected by it in accordance with the criteria for ETI Interest selection set out below (each, a "**Substitute ETI Interest**") for each ETI Interest (each, an "**Affected ETI Interest**") of each ETI (each, an "**Affected ETI**") which is affected by such Extraordinary Event and the Substitute ETI Interest will be deemed to be an "**ETI Interest**" and the relevant issuer of such Substitute ETI Interest, an "**ETI**" for the purposes of the Securities, and the Calculation Agent will make such adjustment, if any, to any one or

#### ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

more of any Relevant Asset and/or the Entitlement (in each case where the Securities are Physical Delivery Securities) and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate, provided that in the event that any amount payable under the Securities was to be determined by reference to the Initial Price of the Affected ETI Interest, the Initial Price of each Substitute ETI Interest will be determined by the Calculation Agent in accordance with the following formula:

$$\text{Initial Price} = A \times (B/C)$$

where:

"A" is the official closing price of the relevant Substitute ETI Interest on the relevant Exchange on the Substitution Date;

"B" is the Initial Price of the relevant Affected ETI Interest; and

"C" is the official closing price of the relevant Affected ETI Interest on the relevant Exchange on the Substitution Date.

Such substitution and the relevant adjustment to the Basket of ETI Shares will be deemed to be effective as of the date selected by the Calculation Agent (the "**Substitution Date**") acting in good faith and in a commercially reasonable manner and specified in the notice referred to below which may, but need not, be the relevant Extraordinary Event Effective Date.

The Weighting of each Substitute ETI Interest will be equal to the Weighting of the relevant Affected ETI Interest.

In order to be selected as a Substitute ETI Interest, the relevant share/unit/interest must satisfy the following criteria, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner:

- (i) where the relevant Extraordinary Event is a Merger Event or a Tender Offer, the relevant share/unit/interest shall be an ordinary share/unit/interest of the entity or person (other than the Affected ETI Interest) that in the case of a Merger Event is the continuing entity in respect of the Merger Event or in the case of a Tender Offer is the entity making the Tender Offer provided that (i) the relevant share/unit/interest is not already included in the Basket of ETI Interests and (ii) it is or as of the relevant Extraordinary Event Effective Date is promptly scheduled to be, (x) publicly quoted, traded or listed on an exchange or quotation system located in the same country as the relevant Exchange (or, where the relevant Exchange is within the European Union, in any member state of the European Union) and (y) not subject to any currency exchange controls, trading restrictions or other trading limitations; or
- (ii) (a) where the relevant Extraordinary Event is a Merger Event or a Tender Offer and a share/unit/interest would otherwise satisfy the criteria set out in paragraph (i) above, but such share/unit/interest is already included in the Basket of ETI Interests, or (b) where the Extraordinary Event is not a Merger Event or a Tender Offer, an alternative exchange traded instrument which, in the determination of the Calculation Agent, has similar characteristics to the relevant ETI, including but not limited to, a comparable listing (which, for the avoidance of doubt, shall not be restricted to a listing on the exchange or quotation system in the same geographic region), investment objectives,

## ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES

investment restrictions and investment processes, underlying asset pools and whose related parties (such as, but not limited to, trustee, general partner, sponsor, advisor, manager, operating company, custodian, prime broker and depository) are acceptable to the Calculation Agent.

If the Calculation Agent determines that more than one Extraordinary Event occurs in respect of ETI, which are not connected and have different consequences pursuant to this ETI Security Condition 12.2, the Calculation Agent will determine which such Extraordinary Event and related consequences shall apply acting in good faith and in a commercially reasonable manner.

Upon the occurrence of an Extraordinary Event, if the Calculation Agent determines that an adjustment in accordance with the above provisions is necessary it shall notify the Issuer thereof as soon as practicable, and the Issuer shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 stating the occurrence of the Extraordinary Event, giving details thereof and the action proposed to be taken in relation thereto.

### 12.3 Hedging Liquidity Event

- (a) **"Hedging Liquidity Event"** means that, at any time after the Listing Date of the Securities, the volume of ETI Interests held by the Issuer and/or any of its Affiliates in relation to any hedging arrangements in respect of the Securities is above the Maximum Hedging Liquidity Level; and

**"Maximum Hedging Liquidity Level"** means the percentage specified as such in the applicable Final Terms or, if not so specified, 50 per cent. of the daily average volume of the transactions on the ETI Interests on the Exchange over the last 6 month time period appearing on the relevant Screen Page.

- (b) **Consequences of a Hedging Liquidity Event**

If Hedging Liquidity Event is specified as applicable in the applicable Final Terms and in the determination of the Calculation Agent a Hedging Liquidity Event occurs in relation to an ETI Interest, the Issuer may immediately cancel all but not some only of the Securities at the amount equal to the fair market value of such Security taking into account the relevant Hedging Liquidity Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner. Notice of cancellation will be given to Holders in accordance with Security Condition 10 as soon as practicable following determination of the occurrence of the Hedging Liquidity Event and payments will be made in such manner as shall be notified to the Holders.

### 13. Correction of ETI Interest Price (ETI Shares)

With the exception of any corrections published after the day which is three Business Days prior to the due date for any payment under the Securities, if the price of the relevant ETI Interest published on a given day and used or to be used by the Calculation Agent to make any determination under the Securities is subsequently corrected and the correction is published by the relevant Exchange within the number of days equal to the ETI Interest Correction Period of the original publication, the price to be used shall be the price of the relevant ETI Interest as so corrected. Corrections published after the day which is three Business Days prior to a due date for payment under the Securities will be disregarded by the Calculation Agent for the purposes of determining the relevant amount.

## **ANNEX 4 – ADDITIONAL TERMS AND CONDITIONS FOR ETI SECURITIES**

### **14. Calculations and Determinations (ETI Shares)**

To the extent permitted by any applicable law, the Calculation Agent and/or the Issuer, as applicable, will make the calculations and determinations as described in the ETI Security Conditions in such a manner as the Calculation Agent and/or the Issuer, as the case may be, determines to be appropriate acting in good faith and in a commercially reasonable manner having regard in each case to the criteria stipulated in the ETI Security Conditions, the hedging arrangements in respect of the Securities and the nature of the relevant ETI and related ETI Interests.

## ANNEX 5 – ADDITIONAL TERMS AND CONDITIONS FOR DEBT SECURITIES

### ANNEX 5

#### ADDITIONAL TERMS AND CONDITIONS FOR DEBT SECURITIES

##### CONTENTS

1.	Settlement Price .....	763
2.	Exchange Business Day .....	764
3.	Market Disruption.....	764
4.	Correction of Debt Instrument Price .....	764
5.	Redemption or Cancellation of a Debt Instrument.....	764
6.	Futures Price Valuation.....	765
7.	Rolling Futures Contract Securities .....	766
8.	Adjustments to an Exchange-traded Contract.....	767
9.	Non-Commencement or Discontinuance of an Exchange-traded Contract.....	767
10.	Dislocation Event.....	768
11.	Correction of the Daily Settlement Price .....	769
12.	Definitions .....	769

If specified as applicable in the applicable Final Terms, the terms and conditions applicable to Securities specified in the applicable Final Terms as Debt Securities shall comprise the terms and conditions of Securities (the "**Security Conditions**") and the additional Terms and Conditions for Debt Securities set out below (the "**Debt Security Conditions**"), in each case together with any other additional terms and conditions specified in the applicable Final Terms and subject to completion in the applicable Final Terms. In the event of any inconsistency between (i) the Security Conditions and (ii) the Debt Security Conditions, the Debt Security Conditions shall prevail.

#### 1. Settlement Price

"**Settlement Price**" means, unless otherwise stated in the applicable Final Terms, in relation to each Cash Settled Security and subject as referred to in "Averaging Date" or "Valuation Date":

- (a) in the case of Debt Securities relating to a basket of Debt Instruments, an amount equal to the sum of the values calculated for each Debt Instrument as (x) the Reference Price for such Debt Instrument appearing on the Relevant Screen Page at the Valuation Time as determined by or on behalf of the Calculation Agent on (a) if Averaging is not specified in the applicable Final Terms, the Valuation Date or (b) if Averaging is specified in the applicable Final Terms, an Averaging Date, or if such price is not available, the arithmetic mean of the Reference Prices for such Debt Instrument at the Valuation Time on such Averaging Date or the Valuation Date, as the case may be, as received by it from two or more market-makers (as selected by the Calculation Agent) in such Debt Instrument, such prices to be expressed as a percentage of the nominal amount of such Debt Instrument (y) multiplied by the product of the nominal amount of such Debt Instrument and the relevant Weighting; and
- (b) in the case of Debt Securities relating to a single Debt Instrument, an amount equal to (x) the Reference Price for such Debt Instrument appearing on the Relevant Screen Page at the Valuation Time as determined by or on behalf of the Calculation Agent on (a) if Averaging is not specified in the applicable Final Terms, the Valuation Date or (b) if Averaging is specified in the applicable Final Terms, an Averaging Date, or if such price is not available, the arithmetic mean of the Reference Prices for such Debt Instrument at the Valuation Time on such Averaging Date or the Valuation Date, as the case may be, as received by it from two or more market-



## ANNEX 5 – ADDITIONAL TERMS AND CONDITIONS FOR DEBT SECURITIES

makers (as selected by the Calculation Agent) in such Debt Instrument, such prices to be expressed as a percentage of the nominal amount of the Debt Instrument (y) multiplied by the nominal amount of such Debt Instrument.

### 2. Exchange Business Day

"**Exchange Business Day**" means a day on which commercial banks and foreign exchange markets settle payments and are open for general business (including dealings in foreign exchange and foreign currency deposits) in the Exchange Business Day Centre(s) specified in the applicable Final Terms.

### 3. Market Disruption

"**Market Disruption Event**" shall mean, in respect of a Debt Instrument, the suspension of or limitation imposed on trading either on any exchange on which such Debt Instrument is traded or on any exchange on which options contracts or futures contracts with respect to such Debt Instrument are traded if, in the determination of the Calculation Agent, such suspension or limitation is material.

The Issuer shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 that a Market Disruption Event has occurred.

### 4. Correction of Debt Instrument Price

With the exception of any corrections published after the day which is three Business Days prior to the due date for any payment under the Securities, if the price of the relevant Debt Instrument published on a given day and used or to be used by the Calculation Agent to make any determination under the Securities, is subsequently corrected and the correction published by the relevant exchange within the number of days equal to the Debt Instrument Correction Period of the original publication, the price to be used shall be the price of the relevant Debt Instrument as so corrected. Corrections published after the day which is three Exchange Business Days prior to a due date for payment under the Securities will be disregarded by the Calculation Agent for the purposes of determining the relevant amount to be paid.

### 5. Redemption or Cancellation of a Debt Instrument

Notwithstanding Security Condition 15, if on or prior to the last Averaging Date or the last Valuation Date, any Debt Instrument is redeemed (including any early redemption) or cancelled by the relevant Debt Instrument Issuer (a "**Debt Instrument Redemption Event**"), then, except as may be limited in the case of U.S. Securities:

- (a) unless Delayed Redemption on Occurrence of Debt Instrument Redemption Event is specified as being applicable in the applicable Final Terms, the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed the Issuer will pay an amount to each Holder in respect of each Security being redeemed equal to the fair market value of such Security taking into account the Debt Instrument Redemption Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner. Payments will be made in such manner as shall be notified to the Holders in accordance with Security Condition 10; or
- (b) if Delayed Redemption on Occurrence of Debt Instrument Redemption Event is specified as being applicable in the applicable Final Terms, the Calculation Agent shall calculate the fair market value of each Security taking into account the Debt Instrument Redemption Event less,

## ANNEX 5 – ADDITIONAL TERMS AND CONDITIONS FOR DEBT SECURITIES

except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements (the "**Calculated Index Adjustment Amount**") as soon as practicable following the occurrence of the Debt Instrument Redemption Event (the "**Calculated Index Adjustment Amount Determination Date**") and on the Redemption Date shall redeem each Security at an amount calculated by the Calculation Agent equal to (x) the Calculated Index Adjustment Amount plus interest accrued from and including the Calculated Index Adjustment Amount Determination Date to but excluding the Redemption Date at a rate equal to Issuer's funding cost at such time or (y) if Principal Protected Termination Amount is specified as being applicable in the applicable Final Terms and if greater, the Protected Amount (specified in the applicable Final Terms).

The Calculation Agent shall, as soon as practicable, notify the relevant Security Agent or the Registrar, as the case may be, of any determination made by it pursuant to this Debt Security Condition 5 and the action proposed to be taken in relation thereto and such Security Agent or the Registrar, as the case may be, shall make available for inspection by Holders copies of any such determinations.

### 6. **Futures Price Valuation**

If "Futures Price Valuation" is specified as applicable in the applicable Final Terms the following provisions shall apply to these Debt Security Conditions:

**"Settlement Price"** means an amount equal to the Daily Settlement Price of the relevant Current Exchange-traded Contract as determined by the Calculation Agent on (i) if Averaging is not specified in the applicable Final Terms, the Valuation Date or (ii) if Averaging is specified in the applicable Final Terms, an Averaging Date.

For the purposes of determining whether a day is a Scheduled Trading Day where Futures Price Valuation applies, "Scheduled Trading Day" will be deemed to mean a day on which the Daily Settlement Price of the relevant Current Exchange-traded Contract is scheduled to be published by the relevant Futures or Options Exchange.

If Futures Price Valuation applies the Disrupted Day provisions in the Security Conditions and/or these Debt Security Conditions will not apply in relation to any Current Exchange-traded Contract.

For these purposes:

**"Current Exchange-traded Contract"** means (a) if the Securities are not Rolling Futures Contract Securities, the Exchange-traded Contract and (b) if the Securities are Rolling Futures Contract Securities, the futures contract determined pursuant to Debt Security Condition 7 (Rolling Futures Contract Securities) below.

**"Daily Settlement Price"** means the daily settlement price (howsoever described under the rules of the relevant Futures or Options Exchange or its clearing house) of the relevant Exchange-traded Contract published by the relevant Futures or Options Exchange or its clearing house and as determined by the Calculation Agent.

**"Exchange-traded Contract"** means the futures or options contract(s) specified as such in the applicable Final Terms, in each case, identified by reference to (a) the Synthetic Debt Instrument to which it relates, (b) the Futures or Options Exchange on which each such contract is traded and (c)(i) if the Securities are not Rolling Futures Contract Securities, the delivery or expiry month of such contract or (ii) if the

## ANNEX 5 – ADDITIONAL TERMS AND CONDITIONS FOR DEBT SECURITIES

Securities are Rolling Futures Contract Securities, the specified period of each such contract and the Futures Rollover Date.

**"Futures or Options Exchange"** means the relevant exchange specified in the description of the Exchange-traded Contract in the applicable Final Terms or any successor to such exchange.

**"Futures Rollover Date"** means either:

- (a) the date specified as such in the applicable Final Terms; or
- (b) the date selected by the Calculation Agent acting in good faith and in a commercially reasonable manner within the period ("**Futures Rollover Period**") specified in the applicable Final Terms.

**"Non-Commencement or Discontinuance of an Exchange-traded Contract"** means there is no Daily Settlement Price as a result of the fact that trading in the Exchange-traded Contract never commences or is permanently discontinued at any time on or prior to the Valuation Date, Averaging Date or other date for valuation or observation or other relevant date, as the case may be, of the relevant Current Exchange-traded Contract.

**"Synthetic Debt Instrument"** means the synthetic debt instrument to which an Exchange-traded Contract is related, as described in the applicable Final Terms.

Debt Security Condition 3 (Market Disruption), Debt Security Condition 4 (Correction of Debt Instrument Price) and Debt Security Condition 5 (Redemption or Cancellation of a Debt Instrument) will not apply if Futures Price Valuation applies.

If Futures Price Valuation applies, references in the Security Conditions, Payout Conditions and OET Certificate Conditions to a "Debt Instrument" or "Debt Instruments" are deemed to be references to a Current Exchange-traded Contract or "Current Exchange-traded Contracts", as applicable.

### 7. Rolling Futures Contract Securities

If the applicable Final Terms specify that the Securities are "Rolling Futures Contract Securities", the Securities will be valued by reference to futures contracts relating to the Synthetic Debt Instrument that have delivery or expiry months that do not correspond with the term of the Securities. In such case, on or prior to the Issue Date, the Calculation Agent will select an Exchange-traded Contract and for each following day until the Futures Rollover Date such futures contract will be the Current Exchange-traded Contract. On each Futures Rollover Date the Calculation Agent will select another Exchange-traded Contract and such contract shall be the Current Exchange-traded Contract until the next occurring Futures Rollover Date. Notwithstanding the provisions of Debt Security Condition 8 (Adjustments to an Exchange-traded Contract) or Debt Security Condition 9 (Non-Commencement or Discontinuance of an Exchange-traded Contract) if on a Futures Rollover Date a Non-Commencement or Discontinuance of an Exchange-traded Contract occurs and it is impossible or materially impracticable for the Calculation Agent to select an Exchange-traded Contract and/or at such time hedge the Issuer's obligations in respect of the Securities then:

- (a) unless Delayed Redemption on Non-Commencement or Discontinuance of an Exchange-traded Contract is specified as being applicable in the applicable Final Terms, the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed the Issuer will pay an amount to each Holder in respect of each Security being redeemed equal to the fair market value of such Security taking into account the Non-Commencement or Discontinuance of the Exchange-traded Contract, less, except in the

## ANNEX 5 – ADDITIONAL TERMS AND CONDITIONS FOR DEBT SECURITIES

case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner. Payments will be made in such manner as shall be notified to the Holders in accordance with Security Condition 10; or

- (b) if Delayed Redemption on Non-Commencement or Discontinuance of an Exchange-traded Contract is specified as being applicable in the applicable Final Terms, the Calculation Agent shall calculate the fair market value of each Security taking into account the Non-Commencement or Discontinuance of the Exchange-traded Contract less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements (the "**Calculated Contract Adjustment Amount**") as soon as practicable following the occurrence of the Non-Commencement or Discontinuance of the Exchange-traded Contract (the "**Calculated Contract Adjustment Amount Determination Date**") and on the Redemption Date shall redeem each Security at an amount calculated by the Calculation Agent equal to (x) the Calculated Contract Adjustment Amount plus interest accrued from and including the Calculated Contract Adjustment Amount Determination Date to but excluding the Redemption Date at a rate equal to Issuer's funding cost at such time or (y) if Principal Protected Termination Amount is specified as being applicable in the applicable Final Terms and if greater, the Protected Amount (specified in the applicable Final Terms).

### 8. Adjustments to an Exchange-traded Contract

In the event that the terms of an Exchange-traded Contract are changed or modified by the Futures or Options Exchange, the Calculation Agent shall make the appropriate adjustment, if any, to any of the Conditions and/or the applicable Final Terms to account for such change or modification.

### 9. Non-Commencement or Discontinuance of an Exchange-traded Contract

Where there is a Non-Commencement or Discontinuance of an Exchange-traded Contract, the Issuer may take the action described in (a) below or require the Calculation Agent to take the action described in (b) below:

- (a)
  - (i) unless Delayed Redemption on Non-Commencement or Discontinuance of an Exchange-traded Contract is specified as being applicable in the applicable Final Terms, the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed the Issuer will pay an amount to each Holder in respect of each Security being redeemed equal to the fair market value of such Security taking into account the Non-Commencement or Discontinuance of an Exchange-traded Contract, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner. Payments will be made in such manner as shall be notified to the Holders in accordance with Security Condition 10; or
  - (ii) if Delayed Redemption on Non-Commencement or Discontinuance of an Exchange-traded Contract is specified as being applicable in the applicable Final Terms, the Calculation Agent shall calculate the fair market value of each Security taking into account the Non-Commencement or Discontinuance of an Exchange-traded Contract

## ANNEX 5 – ADDITIONAL TERMS AND CONDITIONS FOR DEBT SECURITIES

less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements (the "**Calculated Contract Adjustment Amount**") as soon as practicable following the Non-Commencement or Discontinuance of an Exchange-traded Contract (the "**Calculated Contract Adjustment Amount Determination Date**") and on the Redemption Date shall redeem each Security at an amount calculated by the Calculation Agent equal to (x) the Calculated Contract Adjustment Amount plus interest accrued from and including the Calculated Contract Adjustment Amount Determination Date to but excluding the Redemption Date at a rate equal to Issuer's funding cost at such time or (y) if Principal Protected Termination Amount is specified as being applicable in the applicable Final Terms and if greater, the Protected Amount (specified in the applicable Final Terms); or

- (b) (i) replace the relevant Exchange-traded Contract affected by the Non-Commencement or Discontinuance of an Exchange-traded Contract (the "**Affected Exchange-traded Contract**") with a substitute Exchange-traded Contract (the "**Substitute Exchange-traded Contract**") which, in the determination of the Calculation Agent acting in good faith and in a commercially reasonable manner, has similar contract specifications to those of the Affected Exchange-traded Contract and (ii) make such adjustments to adjust such terms of the Securities as it determines acting in good faith and in a commercially reasonable manner to be appropriate to preserve the economic position of the Holders prior to such replacement. Such replacement will be deemed to be effective as of the date selected by the Calculation Agent, acting in good faith and in a commercially reasonable manner, and specified in the notice referred to below. The Substitute Exchange-traded Contract will be deemed to be an "**Exchange-traded Contract**" for the purposes of the Securities.

Notwithstanding the foregoing, in the case of Italian Securities the Calculation Agent will adjust any relevant terms of the Securities as it determines appropriate to preserve the economic equivalent of the obligations of the Issuer under the Securities.

The Calculation Agent shall, as soon as practicable, notify the relevant Security Agent or the Registrar, as the case may be, of any determination made by it pursuant to this Debt Security Condition 9 and the action proposed to be taken in relation thereto and such Security Agent or the Registrar, as the case may be, shall make available for inspection by Holders copies of any such determinations.

### 10. Dislocation Event

- (a) Definitions

"**Dislocation Event**" means that, on any Exchange Business Day after the Listing Date (or, if none, the Issue Date) of the Securities, the Traded Price of a relevant Futures Contract is less than or equal to the Dislocation Level;

"**Dislocation Level**" means the level specified as such in the applicable Final Terms or, if not so specified, 0 (zero);

"**Relevant Futures Contract**" means the Exchange-traded Contract and any other futures or options contract that references the Synthetic Debt Instrument to which the Exchange-traded Contract relates and is traded on the Futures or Options Exchange, irrespective of the expiry date of such futures or options contract;

## ANNEX 5 – ADDITIONAL TERMS AND CONDITIONS FOR DEBT SECURITIES

**"Traded Price"** means the published traded price in respect of a Relevant Futures Contract quoted at any time on the relevant Futures or Options Exchange, as determined by the Calculation Agent.

(b) **Consequences of a Dislocation Event**

If Dislocation Event is specified as applicable in the applicable Final Terms and, in the determination of the Calculation Agent, a Dislocation Event has occurred then the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed the Issuer will pay an amount to each Holder in respect of each Security being redeemed at an amount equal to the fair market value of such Security taking into account the Dislocation Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10.

### 11. **Correction of the Daily Settlement Price**

With the exception of any corrections published after the day which is three Business Days prior to the due date for any payment under the Securities, if the Daily Settlement Price published on a given day and used or to be used by the Calculation Agent to make any determination under the Securities is subsequently corrected and the correction is published by the relevant Futures or Options Exchange, within the number of days equal to the Daily Settlement Price Correction Period of the original publication, the Daily Settlement Price to be used shall be the Daily Settlement Price as so corrected. Corrections published after the day which is three Business Days prior to a due date for payment under the Securities will be disregarded by the Calculation Agent for the purposes of determining the relevant amount to be paid.

### 12. **Definitions**

**"Clearance System"** means the principal domestic clearance system customarily used for settling trades in the relevant securities or contracts.

**"Clearance System Days"** means, in respect of a Clearance System, any day on which such Clearance System is (or, but for the occurrence of an event which results in the Clearance System being unable to clear the transfer of a relevant security would have been) open for the acceptance and execution of settlement instructions.

**"Daily Settlement Price Correction Period"** means the period specified as such in the applicable Final Terms or if none, one Settlement Cycle.

**"Debt Instrument Correction Period"** means the period specified as such in the applicable Final Terms or if none, one Settlement Cycle.

**"Debt Instrument Issuer"** means, in respect of a Debt Instrument, the issuer of such Debt Instrument.

**"Disrupted Day"** means any Scheduled Trading Day on which a Market Disruption Event has occurred.

**"Protected Amount"** means the amount specified as such in the applicable Final Terms.

**"Reference Price"** means, in respect of a Debt Instrument, the bid price, mid price, offer price, bid yield, mid yield or offer yield specified as such for such Debt Instrument in the applicable Final Terms.

## **ANNEX 5 – ADDITIONAL TERMS AND CONDITIONS FOR DEBT SECURITIES**

**"Scheduled Trading Day"** means an Exchange Business Day.

**"Settlement Cycle"** means, in respect of a Debt Security or Exchange-traded Contract, the period of Clearance System Days following a trade in such security or contract, as the case may be, on the relevant exchange in which settlement will customarily occur according to the rules of such exchange.

## ANNEX 6 – ADDITIONAL TERMS AND CONDITIONS FOR COMMODITY SECURITIES

### ANNEX 6

#### ADDITIONAL TERMS AND CONDITIONS FOR COMMODITY SECURITIES

##### CONTENTS

1.	Definitions .....	771
2.	Market Disruption.....	776
3.	Consequences of a Market Disruption Event and Disruption Fallbacks .....	776
4.	Adjustments to a Commodity Index .....	778
5.	Correction of Commodity Reference Price .....	780
6.	Rolling Futures Contract Securities .....	780
7.	Dislocation Event.....	780
8.	EU Emissions Allowances .....	781

If specified as applicable in the applicable Final Terms, the terms and conditions applicable to Securities specified in the applicable Final Terms as Commodity Securities shall comprise the terms and conditions of Securities (the "**Security Conditions**") and the additional Terms and Conditions for Commodity Securities set out below (the "**Commodity Security Conditions**"), in each case together with any other additional terms and conditions specified in the applicable Final Terms and subject to completion in the applicable Final Terms. In the event of any inconsistency between (i) the Security Conditions and (ii) the Commodity Security Conditions, the Commodity Security Conditions shall prevail.

#### 1. Definitions

**"Basket Component"** means any Commodity or Commodity Index comprised in a Basket of Commodities;

**"Basket of Commodities"** means a basket comprising two or more Commodities and/or Commodity Indices;

**"Commodity"** means, subject to adjustment in accordance with this Annex, the commodity (or commodities) or futures contract on a commodity (or commodities) specified in the applicable Final Terms, and related expressions shall be construed accordingly and for the avoidance of doubt, each of climatic variables, freight rates and emissions allowances may be a Commodity for the purposes of this Annex and the applicable Final Terms;

**"Commodity Business Day"** means:

(a) in respect of a Commodity or a Commodity Index:

- (i) where the Commodity Reference Price for the relevant Commodity or Commodity Index is announced or published by an Exchange, any day that is (or, but for the occurrence of a Market Disruption Event, would have been) a day on which each relevant Exchange is open for trading during its regular trading sessions and notwithstanding any such Exchange closing prior to its scheduled closing time; or
- (ii) a day in respect of which the relevant Price Source published (or, but for the occurrence of a Market Disruption Event, would have published) a price for the relevant Commodity or Commodity Index; or



## ANNEX 6 – ADDITIONAL TERMS AND CONDITIONS FOR COMMODITY SECURITIES

- (b) in the case of a Basket of Commodities, a day on which the Commodity Reference Price in respect of all of the Basket Components is scheduled to be published or announced in accordance with (i) and (ii) above;

**"Commodity Disrupted Day"** means any day on which a Market Disruption Event has occurred;

**"Commodity Fallback Value"** means:

- (a) in respect of any Commodity, the arithmetic mean of the quotations provided to the Calculation Agent by each of the Reference Dealers as its Commodity Reference Price for the relevant Pricing Date of the relevant Commodity, provided that if only three such quotations are so provided, the Commodity Fallback Value shall be the Commodity Reference Price remaining after disregarding the Commodity Reference Prices having the highest and lowest values (or if more than one such highest or lowest, one only of them). If fewer than three such quotations are so provided, it will be deemed that such value cannot be determined and the relevant value shall be the good faith estimate of the Calculation Agent; or
- (b) in respect of any Commodity Index or Basket of Commodities, the price for such Commodity Index or Basket of Commodities, as the case may be, in respect of the relevant Pricing Date determined by the Calculation Agent using the current applicable method of calculating such Commodity Index or the method for determining the value of the Basket of Commodities, as the case may be, as set out in the applicable Final Terms using the price or level for each Index Component or Basket Component, as the case may be, determined as follows:
  - (i) in respect of each Index Component or Basket Component, as the case may be, which is not affected by the Market Disruption Event, the closing price or level or settlement price, as applicable, of such Index Component or Basket Component, as the case may be, on such Pricing Date; and
  - (ii) in respect of each Index Component or Basket Component, as the case may be, which is affected by the Market Disruption Event (each an **"Affected Item"**), the closing price or level or settlement price, as applicable, for such Affected Item on the first succeeding Pricing Date that is not a Commodity Disrupted Day, unless each of the number of consecutive Pricing Dates equal to the Specified Maximum Days of Disruption immediately following the Scheduled Pricing Date is a Commodity Disrupted Day. In that case, (i) the last such consecutive Pricing Date shall be deemed to be the Pricing Date for the Affected Item, notwithstanding the fact that such day is a Commodity Disrupted Day, and (ii) the Calculation Agent shall determine the price or level of such Affected Item based upon the price at which the Issuer is able to sell or otherwise realise any hedge positions in respect of the Securities during the period of five Commodity Business Days following the last such consecutive Pricing Date;

**"Commodity Index"** means each index specified as such in the applicable Final Terms or an index comprising one or more commodities, contracts for the future delivery of a commodity, indices linked to a single commodity or indices comprised of multiple commodities (each an **"Index Component"**);

**"Commodity Reference Price"** means, in respect of any Commodity or any Commodity Index, the Commodity Reference Price specified in the applicable Final Terms;

**"Delivery Date"** means, in respect of a Commodity Reference Price, the relevant date or month for delivery of the underlying Commodity (which must be a date or month reported or capable of being determined from information reported in or by the relevant Price Source) as follows:

## ANNEX 6 – ADDITIONAL TERMS AND CONDITIONS FOR COMMODITY SECURITIES

- (a) if the Securities are not Rolling Futures Contract Securities:
  - (i) if a date is, or a month and year are, specified in the applicable Final Terms, that date or that month and year;
  - (ii) if a Nearby Month is specified in the applicable Final Terms, the month of expiration of the relevant Futures Contract; and
  - (iii) if a method is specified in the applicable Final Terms for the purpose of determining the Delivery Date, the date or the month and year determined pursuant to that method;
- (b) if the Securities are Rolling Futures Contract Securities, the delivery date for a futures contract selected by the Calculation Agent acting in good faith and in a commercially reasonable manner on the Futures Rollover Date or if none the Issue Date.

**"Disappearance of Commodity Reference Price"** means (a) the permanent discontinuation of trading, in the relevant Futures Contract on the relevant Exchange or (b) the disappearance of, or of trading in, the relevant Commodity or Index Component or (c) the disappearance or permanent discontinuance or unavailability of a Commodity Reference Price, notwithstanding the availability of the related Price Source or the status of trading in the relevant Futures Contract, Commodity or Index Component;

**"Disruption Fallback"** means a source or method that may give rise to an alternative basis for determining the Relevant Price in respect of a specified Commodity Reference Price when a Market Disruption Event occurs or exists on a day that is a Pricing Date (or, if different, the day on which prices for that Pricing Date would, in the ordinary course, be published or announced by the Price Source). A Disruption Fallback is applicable if it is specified in the applicable Final Terms or, if no Disruption Fallback is specified, the Calculation Agent shall determine the relevant actions in accordance with Commodity Security Condition 3 (Consequences of a Market Disruption Event and Disruption Fallbacks).

**"Exchange"** means, in respect of a Commodity, the exchange or principal trading market for such Commodity specified in the applicable Final Terms or in the Commodity Reference Price and in the case of a Commodity Index, the exchange or principal trading market for each Index Component comprising such Commodity Index;

**"Final Pricing Date"** or **"Final Interest Pricing Date"** means the date specified as such in the applicable Final Terms. References in these Conditions to "Final Pricing Date" shall be deemed to apply mutatis mutandis in respect of any "Final Interest Pricing Date";

**"Futures Contract"** means, in respect of a Commodity Reference Price, the contract for future delivery of a contract size in respect of the relevant Delivery Date relating to the Commodity referred to in that Commodity Reference Price;

**"Futures Rollover Date"** means either:

- (a) the date specified as such in the applicable Final Terms; or
- (b) the date selected by the Calculation Agent acting in good faith and in a commercially reasonable manner within the period ("**Futures Rollover Period**") specified in the applicable Final Terms.

**"Index Component Disruption Event"** means:

## ANNEX 6 – ADDITIONAL TERMS AND CONDITIONS FOR COMMODITY SECURITIES

- (a) the Commodity Reference Price published by the Price Source on any Pricing Date includes, or is derived from, a price for one or more Index Components published on any date between the Issue Date and such Pricing Date that is not a price published by the usual exchange or price source, but is a price determined by the Price Source; or
- (b) the Commodity Reference Price published by the Price Source on any Pricing Date includes, or is derived from, a price for one or more Index Components published by the usual exchange or price source on any date between the Issue Date and such Pricing Date that, in the opinion of the Calculation Agent, has been calculated or published subject to the occurrence of market disruption or similar, or otherwise not in accordance with the usual, then-current, method used by such exchange or price source;

**"Initial Pricing Date"** or **"Initial Interest Pricing Date"** means the date specified as such in the applicable Final Terms. References in these Conditions to "Initial Pricing Date" shall be deemed to apply *mutatis mutandis* in respect of any "Initial Interest Pricing Date";

**"Intraday Price"** means, in respect of a Commodity, Commodity Index or Index Component and any time on a Pricing Date, the Relevant Price of such Commodity, Commodity Index or Index Component at such time on such day, as determined by the Calculation Agent, subject as provided in Commodity Security Condition 3 (Consequences of a Market Disruption Event and Disruption Fallbacks) and, if applicable, Commodity Security Condition 4 (Adjustments to a Commodity Index);

**"Limit Price Event"** means that the settlement price of any Commodity or Index Component has increased or decreased from the previous day's published settlement price by an amount equal to the maximum amount permitted under the applicable exchange rules for such Commodity or Index Component.

**"Material Change in Content"** means the occurrence since the Trade Date of a material change in the content, composition or constitution of the relevant Commodity or Futures Contract or, in the case of a Commodity Index, Index Component;

**"Material Change in Formula"** means the occurrence since the Trade Date of a material change in the formula for or the method of calculating the relevant Commodity Reference Price or any Index Component used to calculate the Commodity Reference Price;

**"Nearby Month"**, when preceded by a numerical adjective, means, in respect of a Delivery Date and a Pricing Date, the month of expiration of the Futures Contract identified by that numerical adjective, so that, for example, (a) "First Nearby Month" means the month of expiration of the first Futures Contract to expire following that Pricing Date; (b) "Second Nearby Month" means the month of expiration of the second Futures Contract to expire following that Pricing Date; and (c) "Sixth Nearby Month" means the month of expiration of the sixth Futures Contract to expire following that Pricing Date;

**"Price Source"** means the publication (or such other origin of reference, including an Exchange or Index Sponsor or Index Calculation Agent) containing (or reporting) the Specified Price (or prices from which the Specified Price is calculated) specified in the relevant Commodity Reference Price;

**"Price Source Disruption"** means (a) the failure of the Price Source to announce or publish the Specified Price (or the information necessary for determining the Specified Price) for the relevant Commodity Reference Price, or (b) the temporary or permanent discontinuance or unavailability of the Price Source;

**"Pricing Date"** or **"Interest Pricing Date"** means each date specified in the Final Terms as being the Initial Pricing Date, an Averaging Date, an Observation Date, an Automatic Early Redemption Valuation

## ANNEX 6 – ADDITIONAL TERMS AND CONDITIONS FOR COMMODITY SECURITIES

Date, a Valuation Date or the Final Pricing Date or if any such date is not a Commodity Business Day, the immediately succeeding Commodity Business Day, unless, in the opinion of the Calculation Agent, such day is a Commodity Disrupted Day, in which case, the relevant Pricing Date or Interest Pricing Date, as applicable, shall be the first succeeding Commodity Business Day that is not a Commodity Disrupted Day, unless each of the number of consecutive Commodity Business Days equal to the Specified Maximum Days of Disruption immediately following the Scheduled Pricing Date or Scheduled Interest Pricing Date, as the case may be, is a Commodity Disrupted Day. In that case, (A) the last such consecutive Commodity Business Day shall be deemed to be the Pricing Date or Interest Pricing Date, as the case may be, notwithstanding the fact that such day is a Commodity Disrupted Day, and (B) the Calculation Agent shall take action in accordance with the provisions of Commodity Security Condition 3 (Consequences of a Market Disruption Event and Disruption Fallbacks). References in these Conditions to "Pricing Date" shall be deemed to apply *mutatis mutandis* in respect of any "Interest Pricing Date";

**"Reference Dealers"** means four leading dealers in the relevant Commodities market selected by the Calculation Agent;

**"Relevant Price"** means, for any Pricing Date, the price, expressed as a price per unit of the Commodity, the price of the Commodity Index or any Index Component, determined with respect to that day for the specified Commodity Reference Price calculated as provided in these Commodity Security Conditions and the applicable Final Terms;

**"Scheduled Pricing Date"** or "Scheduled Interest Pricing Date" means any original date that, but for the occurrence of an event causing a Market Disruption Event, would have been a Pricing Date. References in these Conditions to "Scheduled Pricing Date" shall be deemed to apply *mutatis mutandis* in respect of any "Scheduled Interest Pricing Date";

**"Scheduled Trading Day"** means, if the Securities are Hybrid Securities and Hybrid Business Day is specified as applicable in the applicable Final Terms, for the purpose of determining whether a day is a Hybrid Business Day, a Commodity Business Day;

**"Settlement Price"** means, in respect of a single Commodity, the Relevant Price, or, in the case of a Basket of Commodities, the sum of the values calculated in respect of each Basket Component as the Relevant Price of such Basket Component multiplied by the relevant Weighting;

**"Specified Maximum Days of Disruption"** means five (5) Commodity Business Days or such other number of Specified Maximum Days of Disruption specified in the applicable Final Terms;

**"Specified Price"** means, in respect of a Commodity Reference Price for a Commodity Index, (A) the closing or (B) daily official level of such Commodity Index and in respect of any other Commodity Reference Price, any of the following prices (which must be a price reported in or by, or capable of being determined from information reported in or by, the relevant Price Source), as specified in the applicable Final Terms (and, if applicable, as of the time so specified): (a) the high price; (b) the low price; (c) the average of the high price and the low price; (d) the closing price; (e) the opening price; (f) the bid price; (g) the asked price; (h) the average of the bid price and the asked price; (i) the settlement price; (j) the official settlement price; (k) the official price; (l) the morning fixing; (m) the afternoon fixing; (n) the spot price; (o) the arithmetic average of bid and offer prices at 5.30pm (CET) on the Pricing Date;

**"Tax Disruption"** means the imposition of, change in or removal of an excise, severance, sales, use, value-added, transfer, stamp, documentary, recording or similar tax on, or measured by reference to, the relevant Commodity, or in the case of a Commodity Index or any Index Component (other than a tax on, or measured by reference to overall gross or net income) by any government or taxation authority after

## ANNEX 6 – ADDITIONAL TERMS AND CONDITIONS FOR COMMODITY SECURITIES

the Trade Date, if the direct effect of such imposition, change or removal is to raise or lower the Relevant Price on the day that would otherwise be a Pricing Date from what it would have been without that imposition, change or removal; and

**"Trading Disruption"** means the material suspension of, or the material limitation imposed on, trading in the relevant Futures Contract or the Commodity or, in the case of a Commodity Index, Index Component on the Exchange or in any additional futures contract, options contract, commodity index or commodity on any Exchange as specified in the applicable Final Terms. For these purposes:

- (a) a suspension of the trading in the Futures Contract, Commodity or Index Component, as the case may be, on any Commodity Business Day shall be deemed to be material only if:
  - (i) all trading in the Futures Contract, Commodity or Index Component, as the case may be, is suspended for the entire Pricing Date; or
  - (ii) all trading in the Futures Contract, Commodity or Index Component, as the case may be, is suspended subsequent to the opening of trading on the Pricing Date, trading does not recommence prior to the regularly scheduled close of trading in such Futures Contract, Commodity or Index Component, as the case may be, on such Pricing Date and such suspension is announced less than one hour preceding its commencement; and
- (b) a limitation of trading in the relevant Futures Contract, Commodity or Index Component, as the case may be, on any Commodity Business Day shall be deemed to be material only if the relevant Exchange establishes limits on the range within which the price of the relevant Futures Contract, Commodity or Index Component, as the case may be, may fluctuate and the closing or settlement price of the relevant Futures Contract, Commodity or Index Component, as the case may be, on such day is at the upper or lower limit of that range.

### 2. Market Disruption

**"Market Disruption Event"** means, in respect of a relevant Commodity or Commodity Index and as determined by the Calculation Agent, the occurrence or existence of:

- (a) in the case of all Commodities and each Commodity Index, a Price Source Disruption, Trading Disruption, Disappearance of Commodity Reference Price, Limit Price Event; and in addition
- (b) in the case of each Commodity Index and all Commodities other than Gold, Silver, Platinum or Palladium, Material Change in Formula, Material Change in Content and/or Tax Disruption; and in addition
- (c) in the case of a Commodity Index, an Index Component Disruption Event; or
- (d) in the case of a Commodity that is an EU Allowance, a Settlement Disruption Event, an Abandonment of Scheme, an Administrator Event or an Absence of Registry Operations (each of which is defined in Condition 8 below).

The Calculation Agent shall give notice as soon as practicable to Holders, in accordance with Security Condition 10 of the occurrence of a Market Disruption Event and the action proposed to be taken in relation thereto.

### 3. Consequences of a Market Disruption Event and Disruption Fallbacks

## ANNEX 6 – ADDITIONAL TERMS AND CONDITIONS FOR COMMODITY SECURITIES

Upon a Market Disruption Event occurring or continuing on any Pricing Date (or, if different, the day on which prices for that Pricing Date would, in the ordinary course, be published by the Price Source), the Calculation Agent may, acting in good faith and in a commercially reasonable manner, take the action described in (a), (b), (c) or (in the case of a Commodity that is an EU Allowance) (d) below:

- (a) the Calculation Agent shall determine if such event has a material effect on the Securities and, if so shall calculate the relevant Interest Amount and/or Cash Settlement Amount and/or make any other relevant calculation using, in lieu of a published price or level for that Commodity or Commodity Index, as the case may be, the price or level for that Commodity or Commodity Index as determined by the Calculation Agent using the Commodity Fallback Value; or
- (b) the Calculation Agent may substitute the relevant Commodity, Commodity Reference Price or Index Component with a Commodity, Commodity Reference Price or Index Component, as the case may be, selected by it in accordance with the criteria set out below (each, a "**Substitute Commodity**", "**Substitute Commodity Reference Price**" or a "**Substitute Index Component**") for each Commodity, Commodity Reference Price or Index Component, as the case may be, (each, an "**Affected Commodity**", "**Affected Commodity Reference Price**" or "**Affected Index Component**", as the case may be), which is affected by the Market Disruption Event and the Substitute Commodity, Substitute Commodity Reference Price or Substitute Index Component, as the case may be, will be deemed to be a "**Commodity**", "**Commodity Reference Price**" or an "**Index Component**", as the case may be, for the purposes of the Securities, and the Calculation Agent will make such adjustment(s), if any, to any one or more of the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate to take account of the substitution, provided that in the event that any amount payable under the Securities was to be determined by reference to the initial price of the Commodity, the Commodity Reference Price or the Index Component, as the case may be, the initial price or level of each Substitute Commodity, Substitute Commodity Reference Price or Substitute Index Component, as the case may be, will be determined by the Calculation Agent acting in good faith and in a commercially reasonable manner.

In order to be selected as a Substitute Commodity, the Substitute Commodity shall be valued on the basis of a futures contract on similar terms to the Affected Commodity, relating to the same Commodity as the Affected Commodity and, if relevant, with a delivery date corresponding to the Affected Commodity.

In order to be selected as a Substitute Commodity Reference Price, the Substitute Commodity Reference Price shall be a benchmark, price or quotation selected by the Calculation Agent, acting in good faith and in a commercially reasonable manner and which in its determination is or will be used by market participants as a substitute for the Affected Commodity Reference Price.

In order to be selected as a Substitute Index Component, the Substitute Index Component shall be an alternative futures contract or commodity index relating to a futures contract on similar terms to the Affected Index Component.

Such substitution and the relevant adjustment(s) (if any) will be deemed to be effective as of the date selected by the Calculation Agent (the "**Substitution Date**") acting in good faith and in a commercially reasonable manner which may, but need not, be the relevant date of the Market Disruption Event. Such substitution will be notified to the Holders as soon as practicable after the Substitution Date in accordance with Security Condition 10; or

## ANNEX 6 – ADDITIONAL TERMS AND CONDITIONS FOR COMMODITY SECURITIES

- (c)
  - (i) unless Highest Value, Market Value or Monetisation Option are specified in the applicable Final Terms, the Issuer shall redeem all but not some only of the Securities, each Security being redeemed by payment of an amount equal to the fair market value of such Security, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10;
  - (ii) if Highest Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(a);
  - (iii) if Market Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b);
  - (iv) if Monetisation Option is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Condition 34.12(c); or
  - (v) if the Calculation Agent determines that such Market Disruption Event constitutes a force majeure, and if Commodity Security Condition 3(c)(v) is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption; or
- (d) in the case of a Commodity that is an EU Allowance, the Calculation Agent may determine, acting in good faith and in a commercially reasonable manner, the appropriate adjustment(s), if any, to be made to the EU Allowance, the Commodity Reference Price and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms to take account of the Market Disruption Event and determine the effective date of such adjustment.

### 4. Adjustments to a Commodity Index

- (a) Successor Index Sponsor Calculates and Reports a Commodity Index

If a relevant Commodity Index is (a) not calculated and announced by the Index Sponsor but is calculated and announced by a successor sponsor (the "**Successor Index Sponsor**") acceptable to the Calculation Agent, or (b) replaced by a successor commodity index using, in the determination of the Calculation

## ANNEX 6 – ADDITIONAL TERMS AND CONDITIONS FOR COMMODITY SECURITIES

Agent, the same or a substantially similar formula for and method of calculation as used in the calculation of that Commodity Index, then in each case that commodity index (the "**Successor Commodity Index**") will be deemed to be the Commodity Index.

(b) Modification and Cessation of Calculation of a Commodity Index

If (a) on or prior to the last Averaging Date, the last Observation Date, the Final Interest Pricing Date or the Final Pricing Date, the relevant Index Sponsor makes or announces that it will make a material change in the formula for or the method of calculating a relevant Commodity Index or in any other way materially modifies that Commodity Index (other than a modification prescribed in that formula or method to maintain the Commodity Index in the event of changes in constituent contracts or commodities and other routine events) (a "**Commodity Index Modification**"), or permanently cancels a relevant Commodity Index and no Successor Commodity Index exists (a "**Commodity Index Cancellation**"), or (b) on any Averaging Date, Observation Date, Interest Pricing Date or other Pricing Date, the Index Sponsor or (if applicable) the Successor Index Sponsor fails to calculate and announce a relevant Commodity Index (a "**Commodity Index Disruption**" and, together with a Commodity Index Modification and a Commodity Index Cancellation, each a "**Commodity Index Adjustment Event**"), then except as may be limited in the case of U.S. Securities:

- (a) the Calculation Agent shall determine if such Commodity Index Adjustment Event has a material effect on the Securities and, if so, shall calculate the Relevant Price using, in lieu of a published level for that Commodity Index, the Commodity Fallback Value; or
- (b)
  - (i) unless Highest Value, Market Value or Monetisation Option are specified as applicable in the applicable Final Terms, the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed, the Issuer will pay an amount to each Holder in respect of each Security being redeemed at an amount equal to the fair market value of a Security, taking into account the Commodity Index Adjustment Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10;
  - (ii) if Highest Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(a);
  - (iii) if Market Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b);
  - (iv) if Monetisation Option is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in



## **ANNEX 6 – ADDITIONAL TERMS AND CONDITIONS FOR COMMODITY SECURITIES**

respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(c); or

- (v) if the Calculation Agent determines that such Commodity Index Adjustment Event constitutes a force majeure, and if Commodity Security Condition 4(b)(v) is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption.

Notwithstanding the foregoing, the Calculation Agent will adjust any relevant terms of the Securities as it determines appropriate to preserve the economic equivalent of the obligations of the Issuer under the Securities.

### **5. Correction of Commodity Reference Price**

With the exception of any corrections published after the day which is three Commodity Business Days prior to the due date for any payment under the Securities, if the Commodity Reference Price published on a given day and used or to be used by the Calculation Agent to make any determination under the Securities is subsequently corrected and the correction published by the relevant Exchange or any other person responsible for the publication or announcement of the Commodity Reference Price within 30 calendar days of the original publication, the price to be used shall be the price of the relevant Commodity as so corrected. Corrections published after the day which is three Commodity Business Days prior to a due date for payment under the Securities will be disregarded by the Calculation Agent for the purposes of determining the relevant amount.

### **6. Rolling Futures Contract Securities**

If the applicable Final Terms specify that the Securities are "Rolling Futures Contract Securities", the Commodity Reference Price in respect of the Securities will be valued by reference to rolling futures contracts each of which have delivery months that do not correspond with the term of the Securities. In such case, on or prior to the Issue Date, the Calculation Agent will select the relevant Futures Contract and for each following day until the Futures Rollover Date such futures contract will be the Futures Contract for the purposes of the Commodity Reference Price. On each Futures Rollover Date, the Calculation Agent will select another Futures Contract and such contract shall be the Futures Contract for the purposes of the Commodity Reference Price until the next occurring Futures Rollover Date. If on a Futures Rollover Date a Market Disruption Event or a Commodity Index Adjustment Event occurs and it is impossible or materially impracticable for the Calculation Agent to select a Futures Contract and/or at such time hedge the Issuer's obligations in respect of the Securities then the provisions of Commodity Security Condition 3 (Consequences of a Market Disruption Event and Disruption Fallbacks) and Commodity Security Condition 4 (Adjustments to a Commodity Index), as applicable, shall apply to the Securities.

### **7. Dislocation Event**

- (a) Definitions

## ANNEX 6 – ADDITIONAL TERMS AND CONDITIONS FOR COMMODITY SECURITIES

**"Dislocation Event"** means that, on any Commodity Business Day after the Listing Date (or, if none, the Issue Date) of the Securities, the Traded Price of a Relevant Futures Contract is less than or equal to the Dislocation Level;

**"Dislocation Level"** means the level specified as such in the applicable Final Terms or, if not so specified, 0 (zero);

**"Relevant Futures Contract"** means the Futures Contract or any other contract for future delivery of a contract size relating to the Commodity specified in the applicable Final Terms traded on the Exchange irrespective of the expiry date of such contract;

**"Traded Price"** means the published traded price in respect of a Relevant Futures Contract quoted at any time on the relevant Futures or Options Exchange, as determined by the Calculation Agent.

(b) Consequences of a Dislocation Event

If Dislocation Event is specified as applicable in the applicable Final Terms and, in the determination of the Calculation Agent, a Dislocation Event has occurred then the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed the Issuer will pay an amount to each Holder in respect of each Security being redeemed at an amount equal to the fair market value of such Security taking into account the Dislocation Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10.

### 8. EU Emissions Allowances

If one or more Commodities are specified to be an "EU Allowance" in the applicable Final Terms, in respect of any such Commodity, the following additional provisions shall apply to these Commodity Security Conditions:

**"Abandonment of Scheme"** means the Scheme is, as a result of official written public pronouncement by the European Community, no longer scheduled to proceed or is to be discontinued;

**"Absence of Registry Operation"** means, other than by reason of the occurrence of an Administrator Event, the absence of:

- (a) the establishment of and continuing functioning of the Relevant Registry;
- (b) the establishment of and continuing functioning of the EUTL;
- (c) the establishment of and continuing functioning of the link between each of the Relevant Registry and the EUTL; and/or
- (d) the continued functioning of the link between each of the LSTL and the EUTL;

**"Administrator Event"** means the suspension of some or all of the processes of the Relevant Registry, the EUTL or, if applicable, the LSTL, in accordance with the Registries Regulation by the relevant National Administrator or the Central Administrator (as applicable) (i) where that Relevant Registry is not operated and maintained in accordance with the provisions of the Registries Regulation, or any other applicable law, (ii) for the purpose of carrying out scheduled or emergency maintenance, (iii) where there

## ANNEX 6 – ADDITIONAL TERMS AND CONDITIONS FOR COMMODITY SECURITIES

has been, or following reasonable suspicion of, a breach of security which threatens the integrity of the registries system (including any back up facilities) or (iv) where the mutual recognition of EU Allowances under a relevant Linking Agreement has been suspended in accordance with the terms of such Linking Agreement;

"**Central Administrator**" means the person designated by the EU Commission to operate and maintain the EUTL pursuant to Article 20(1) of the Emissions Directive;

"**Emissions Directive**" means Directive 2003/87/EC of the European Parliament and of the Council of 13 October 2003 establishing a scheme for greenhouse gas emission allowance trading within the Community and amending Council Directive 96/61/EC, as amended from time to time;

"**EU Allowance**" means an allowance to emit one tonne of carbon dioxide (CO<sub>2</sub>) equivalent during a specified period which is valid for meeting emissions related commitment obligations under the Scheme and including allowances stemming from emission trading systems that are linked with the EU ETS pursuant to Article 25 of the Emissions Directive relating to a specified compliance period which may be either the Third Compliance Period or the Fourth Compliance Period depending on the underlying of the Commodity Reference Price;

"**EU ETS**" has the meaning given to it in the Emissions Directive;

"**EUTL**" means the independent transaction log provided for in Article 20(1) of the Emissions Directive, the operation of which is further detailed in Article 5 of the Registries Regulation;

"**Fourth Compliance Period**" means the period starting on 1 January 2021 and ending on 31 December 2030;

"**Hedge Provider**" means the party (being, *inter alios*, the Issuer, the Guarantor (if applicable), the Calculation Agent, any Affiliate of the Issuer, the Guarantor (if applicable) or the Calculation Agent or any third party) from time to time who hedges the Issuer's obligations in respect of the Securities or where no such party hedges such obligations, a Hypothetical Investor, who shall be deemed to enter into transactions as if hedging such obligations. The Hedge Provider will hold or be deemed to hold such number of EU Allowances, or enter or be deemed to enter into any agreement to purchase or deliver, or pay an amount linked to the performance of, such number of EU Allowances as it (or in the case of a Hypothetical Investor, the Calculation Agent) considers would be held by a prudent issuer as a hedge for its exposure under the Securities;

"**Holding Account**" means a form of digital record maintained in a Registry (pursuant to and in accordance with the Registries Regulation) that is able to be used to record the allocation (if applicable), holding and transfer of EU Allowances that are to be delivered in respect of any hedging arrangements entered into by the Hedge Provider pursuant to and in accordance with the Scheme;

"**Hypothetical Investor**" means a hypothetical or actual investor (as determined by the Calculation Agent in the context of the relevant situation), which may be deemed by the Calculation Agent to be resident or organised in any jurisdiction, and to be, without limitation, the Issuer, the Guarantor (if applicable), the Calculation Agent or any of their Affiliates (as determined by the Calculation Agent in the context of the relevant situation);

"**Linking Agreement**" means an agreement between the European Union and a non-Member State on the linking of their greenhouse gas emissions trading systems, as envisaged under Article 25 of the Emissions Directive and which has entered into force in accordance with its terms, as amended from time to time;

## ANNEX 6 – ADDITIONAL TERMS AND CONDITIONS FOR COMMODITY SECURITIES

"**LSTL**" means a transaction log of a non-Member State that is linked to the EUTL under the terms of a relevant Linking Agreement;

"**National Administrator**" means (i) the entity responsible for administering, on behalf of a Member State, a set of user accounts under the jurisdiction of a Member State in the Union Registry as designated in accordance with Article 7 of the Registries Regulation or (ii) the entity identified as an administrator in respect of an LSTL;

"**Registries Regulation**" means the Commission Delegated Regulation (EU) 2019/1122 of 12 March 2019 supplementing Directive 2003/87/EC of the European Parliament and of the Council as regards the functioning of the Union Registry, as amended from time to time;

"**Registry**" means the registry established by a Member State, a non-Member State or the EU, in order to ensure the accurate accounting of the issue, holding, transfer, acquisition, surrender, cancellation and replacement of EU Allowances. For the avoidance of doubt, references to a Registry shall include the Union Registry and the Holding Accounts within the Union Registry that are under the jurisdiction of a single National Administrator designated by a Member State and will together be deemed to be a Registry for that Member State;

"**Relevant Registry**" means the Registry (or Registries) specified as such in the applicable Final Terms or, if not so specified, each of the Registry in France and the Registry in the Netherlands;

"**Scheme**" means the scheme for transferring EU Allowances established pursuant to the Emissions Directive and the Registries Regulation, and as implemented by the national laws of Member States;

"**Settlement Disruption Event**" means an event or circumstance beyond the control of the Hedge Provider that cannot, after the use of all reasonable efforts, be overcome and which makes it impossible for such Hedge Provider to deliver or accept EU Allowances in accordance with the terms of the any hedging arrangements entered into by the Hedge Provider or otherwise trade EU Allowances or there is any limitation, restriction or impossibility of transfer of EU Allowances in the market generally. For the avoidance of doubt, the inability of the Hedge Provider to deliver EU Allowances as a result of insufficient EU Allowances available to it, whether caused by the low or non-allocation of EU Allowances by a Member State or any other state, the delay or failure of a Member State or Central Administrator to replace allowances for a subsequent compliance period or the failure to procure sufficient EU Allowances to meet its delivery obligations, shall not constitute a Settlement Disruption Event;

"**Third Compliance Period**" means the period starting on 1 January 2013 and ending on 31 December 2020; and

"**Union Registry**" means the Registry referred to as the "Union registry" in Article 19(1) of the Emissions Directive.

## ANNEX 7

## ADDITIONAL TERMS AND CONDITIONS FOR INFLATION INDEX SECURITIES

## CONTENTS

1.	Definitions .....	784
2.	Delay in Publication.....	785
3.	Successor Inflation Index.....	786
4.	Adjustments .....	787

If specified as applicable in the applicable Final Terms, the terms and conditions applicable to Securities specified in the applicable Final Terms as Inflation Index Securities shall comprise the terms and conditions of Securities (the "**Security Conditions**") and the additional Terms and Conditions for Inflation Index Securities set out below (the "**Inflation Index Security Conditions**"), in each case together with any other additional terms and conditions specified in the applicable Final Terms and subject to completion in the applicable Final Terms. In the event of any inconsistency between (i) the Security Conditions and (ii) the Inflation Index Security Conditions, the Inflation Index Security Conditions shall prevail.

## 1. Definitions

"**Cut-Off Date**" means, in respect of a Valuation Date, five Business Days prior to such Valuation Date;

"**Delayed Index Level Event**" means, in respect of any Valuation Date, that the Index Sponsor fails to publish or announce the Relevant Level;

"**Fallback Bond**" means a bond selected by the Calculation Agent and issued by the government of the country to whose level of inflation the Inflation Index relates and which pays a redemption amount which is calculated by reference to the Inflation Index, with a maturity date which falls on (a) the same day as the Redemption Date, (b) the next longest maturity after the Redemption Date if there is no such bond maturing on the Redemption Date or (c) the next shortest maturity before the Redemption Date, if no bond defined in (a) or (b) is selected by the Calculation Agent. If the Inflation Index relates to the level of inflation across the European Monetary Union, the Calculation Agent will select an inflation-linked bond that is a debt obligation of one of the governments (but not any government agency) of France, Italy, Germany or Spain and which pays a coupon or redemption amount which is calculated by reference to the level of inflation in the European Monetary Union. In each case, the Calculation Agent will select the Fallback Bond from those inflation-linked bonds issued on or before the Issue Date and, if there is more than one inflation-linked bond maturing on the same date, the Fallback Bond shall be selected by the Calculation Agent from those bonds. If the Fallback Bond redeems the Calculation Agent will select a new Fallback Bond on the same basis, but selected from all eligible bonds in issue at the time the original Fallback Bond redeems (including any bond for which the redeemed bond is exchanged);

"**Index Cancellation**" means a level for the Inflation Index has not been published or announced for two consecutive months and/or the Index Sponsor cancels the Inflation Index and/or the Index Sponsor announces that it will no longer continue to publish or announce the Inflation Index and no Successor Index exists;

"**Index Modification**" means, in relation to an Inflation Index, the Index Sponsor announces that it will make (in the opinion of the Calculation Agent) a material change in the formula for or the method of calculating the Inflation Index or in any other way materially modifies the Inflation Index;

## ANNEX 7 – ADDITIONAL TERMS AND CONDITIONS FOR INFLATION INDEX SECURITIES

**"Index Sponsor"** means the entity that publishes or announces (directly or through an agent) the level of the Inflation Index which as of the Issue Date of the Securities is the index sponsor set out in the applicable Final Terms;

**"Inflation Index"** or **"Inflation Indices"** means the index or indices specified in the relevant Final Terms and related expressions shall be construed accordingly;

**"Rebased Index"** has the meaning given to it under Inflation Index Security Condition 4 (Adjustments) below;

**"Reference Month"** means the calendar month specified in the applicable Final Terms for which the level of the Inflation Index was reported, regardless of when this information is published or announced. If the period for which the Relevant Level was reported is a period other than a month, the Reference Month shall be the period for which the Reference Level was reported;

**"Related Bond"** means the bond specified as such in the relevant Final Terms. If the Related Bond specified in the applicable Final Terms is "Fallback Bond", then for any Related Bond determination, the Calculation Agent shall use the Fallback Bond. If no bond is specified in the applicable Final Terms as the Related Bond and "Fallback Bond: Not applicable" is specified in the applicable Final Terms there will be no Related Bond. If a bond is selected as the Related Bond in the applicable Final Terms and that bond redeems or matures before the relevant Redemption Date unless "Fallback Bond: Not applicable" is specified in the applicable Final Terms, the Calculation Agent shall use the Fallback Bond for any Related Bond determination;

**"Related Bond Redemption Event"** means, if specified as applicable in the relevant Final Terms, at any time prior to the Redemption Date, (a) the Related Bond is settled, repurchased or cancelled, (b) the Related Bond becomes repayable prior to its stated date of maturity for whatever reason, or (c) the issuer of the Related Bond announces that the Related Bond will be redeemed, repurchased or cancelled prior to its stated date of maturity;

**"Relevant Level"** means, in respect of any Valuation Date, the level of the Inflation Index, in respect of any Reference Month which is to be utilised in any calculation or determination to be made by the Issuer in respect of such Valuation Date at any time on or prior to the Cut-Off Date;

**"Settlement Price"** means, unless otherwise stated in the applicable Final Terms, in relation to each Cash Settled Security, the Relevant Level;

**"Strike Date"** means the date specified as such in the applicable Final Terms;

**"Successor Inflation Index"** has the meaning given to it in Inflation Index Security Condition 3 (Successor Inflation Index) below; and

**"Substitute Inflation Index Level"** means, in respect of a Delayed Index Level Event, the Index Level determined by the Issuer in accordance with Inflation Index Security Condition 2 (Delay in Publication) below.

**"Valuation Date"** means the Interest Valuation Date and/or the Redemption Valuation Date specified in the applicable Final Terms;

### 2. Delay in Publication

If the Calculation Agent determines that a Delayed Index Level Event in respect of an Inflation Index has occurred with respect to any Valuation Date, then the Relevant Level with respect to any Reference

## ANNEX 7 – ADDITIONAL TERMS AND CONDITIONS FOR INFLATION INDEX SECURITIES

Month which is to be utilised in any calculation or determination to be made by the Calculation Agent and/or the Issuer with respect to such Valuation Date (the "**Substitute Inflation Index Level**") shall be determined by the Calculation Agent (subject to Inflation Index Security Condition 4.2 (Substitute Inflation Index Level) below, as follows:

- (a) if Related Bond is specified as applicable in the relevant Final Terms, the Calculation Agent shall determine the Substitute Inflation Index Level by reference to the corresponding index level determined under the terms and conditions of the Related Bond; or
- (b) if (i) Related Bond is specified as not applicable in the relevant Final Terms, or (ii) the Calculation Agent is not able to determine a Substitute Inflation Index Level under (a) above, the Calculation Agent shall determine the Substitute Inflation Index Level by reference to the following formula:

Substitute Inflation Index Level = Base Level  $\times$  (Latest Level/Reference Level);

where:

**"Base Level"** means the level of the Inflation Index (excluding any "flash" estimates) published or announced by the Index Sponsor in respect of the month which is 12 calendar months prior to the month for which the Substitute Inflation Index Level is being determined;

**"Latest Level"** means the level of the Inflation Index (excluding any "flash" estimates) published or announced by the Index Sponsor prior to the month in respect of which the Substitute Inflation Index Level is being determined; and

**"Reference Level"** means the level of the Inflation Index (excluding any "flash" estimates) published or announced by the Index Sponsor in respect of the month that is 12 calendar months prior to the month in respect of the Latest Level.

The Issuer shall promptly give notice to the Holders in accordance with Security Condition 10 of any Substitute Inflation Index Level.

If the Relevant Level is published or announced at any time on or after the relevant Cut-Off Date specified in the applicable Final Terms, such Relevant Level will not be used in any calculations. The Substitute Inflation Index Level so determined pursuant to this Inflation Index Security Condition 2 will be the definitive level for that Reference Month.

### 3. **Successor Inflation Index**

If the Calculation Agent determines that the level of an Inflation Index is not calculated and announced by the Index Sponsor for two consecutive months and/or the Index Sponsor announces that it will no longer continue to publish or announce the Inflation Index and/or the Index Sponsor cancels the Inflation Index, then the Calculation Agent shall determine a successor index (a "**Successor Inflation Index**") (in lieu of any previously applicable Index) for the purposes of the Securities as follows:

- (a) if Related Bond is specified as applicable in the relevant Final Terms, the Calculation Agent shall determine a "Successor Inflation Index" by reference to the corresponding successor index determined under the terms and conditions of the Related Bond;
- (b) if (i) Related Bond is specified as not applicable in the applicable Final Terms or (ii) a Related Bond Redemption Event has occurred and Fallback Bond is specified as not applicable in the applicable Final Terms, the Index Sponsor announces that it will no longer publish or announce

## **ANNEX 7 – ADDITIONAL TERMS AND CONDITIONS FOR INFLATION INDEX SECURITIES**

the Inflation Index but that it will be superseded by a replacement Inflation Index specified by the Index Sponsor, and the Calculation Agent determines that such replacement Inflation Index is calculated using the same or a substantially similar formula or method of calculation as used in the calculation of the Inflation Index, such replacement index shall be designated a "Successor Inflation Index";

- (c) if no Successor Inflation Index has been deemed under (a) or (b) the Calculation Agent shall ask five leading independent dealers to state what the replacement index for the Inflation Index should be; if between four and five responses are received, and of those four or five responses, three or more leading independent dealers state the same index, such index will be deemed the "Successor Inflation Index"; if three responses are received, and two or more leading independent dealers state the same index, such index will be deemed the "Successor Inflation Index"; if fewer than three responses are received by the Cut-Off Date or if each of the responses received state different indices the Calculation Agent will determine an appropriate alternative index, and such index will be deemed a "Successor Inflation Index"; or
- (d) if the Calculation Agent determines that there is no appropriate alternative index there will be deemed to be no Successor Index and an Index Cancellation will be deemed to have occurred.

For the avoidance of doubt, the Calculation Agent shall determine the date on which the Successor Inflation Index shall be deemed to replace the Index for the purposes of the Inflation Index Securities. Notice of the determination of a Successor Inflation Index, the effective date of the Successor Inflation Index or the occurrence of an Index Cancellation will be given to holders of the Inflation Index Securities by the Issuer in accordance with Security Condition 10.

### **4. Adjustments**

#### **4.1 Successor Inflation Index**

If a Successor Inflation Index is determined in accordance with Inflation Index Security Condition 3 (Successor Inflation Index) above, the Calculation Agent may make any adjustment or adjustments (without limitation) to the final Cash Settlement Amount payable under the Securities (if any) and/or any other relevant term of the Securities as the Calculation Agent deems necessary acting in good faith and in a commercially reasonable manner. The Issuer shall give notice to the Holders of any such adjustment in accordance with Security Condition 10.

#### **4.2 Substitute Inflation Index Level**

If the Calculation Agent determines a Substitute Inflation Index Level in accordance with Inflation Index Security Condition 2 (Delay in Publication) above, the Calculation Agent may make any adjustment or adjustments (without limitation) to (a) the Substitute Inflation Index Level determined in accordance with Inflation Index Security Condition 2 (Delay in Publication) above and/or (b) the Interest Amount and/or Cash Settlement Amount payable under the Securities (if any) and/or any other relevant term of the Securities, in each case, as the Calculation Agent deems necessary acting in good faith and in a commercially reasonable manner, provided that if Inflation Index Level Adjustment is specified as applicable in the applicable Final Terms, the Calculation Agent will only be permitted to make any such adjustment in accordance with this Inflation Index Security Condition 4.2 if the Calculation Agent determines that the delay in publication was not attributable to the Issuer, but substantially, alters the economics of the Securities compared to the economics as of the Issue Date. The Issuer shall give notice to the Holders of any such adjustment in accordance with Security Condition 10.

#### **4.3 Index Level Adjustment Correction**



## ANNEX 7 – ADDITIONAL TERMS AND CONDITIONS FOR INFLATION INDEX SECURITIES

- (a) The first publication or announcement of the Relevant Level (disregarding estimates) by the Index Sponsor for any Reference Month shall be final and conclusive and, subject to Inflation Index Security Condition 4.6 (Index Modification) below, later revisions to the level for such Reference Month will not be used in any calculations, save that in respect of the EUR-All Items-Revised Consumer Price Index, the ESP National-Revised Consumer Price Index (CPI) and the ESP-Harmonised-Revised Consumer Price Index HCPI, revisions to the Relevant Level which are published or announced up to and including the day that is two Business Days prior to any relevant Valuation Date will be valid and the revised Relevant Level for the relevant Reference Month will be deemed to be the final and conclusive Relevant Level for such Reference Month. The Issuer shall give notice to the Holders of any valid revision in accordance with Security Condition 10.
- (b) If, within 30 days of publication or at any time prior to a Valuation Date in respect of which a Relevant Level will be used in any calculation or determination in respect of such Valuation Date, the Calculation Agent determines that the Index Sponsor has corrected the Relevant Level to correct a manifest error, the Calculation Agent may make any adjustment to any relevant Interest Amount and/or the Cash Settlement Amount payable under the Securities (if any) and/or any other relevant term of the Securities as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner appropriate as a result of such correction and/or determine the amount (if any) that is payable as a result of that correction. The Issuer shall give notice to the Holders of any such adjustment and/or amount in accordance with Security Condition 10.
- (c) If a Relevant Level is published or announced at any time after the Cut-Off Date in respect of a Valuation Date in respect of which a Substitute Inflation Index Level was determined, the Calculation Agent may either (i) determine that such Relevant Level shall not be used in any calculation or determination under the Inflation Index Securities and that the Substitute Inflation Index Level shall be deemed to be the definitive Relevant Level for the relevant Reference Month, or (ii) to make any adjustment to any relevant Interest Amount and/or the Cash Settlement Amount payable under the Securities (if any) and/or any other relevant term of the Securities as it deems appropriate as a result of the announcement or publication of the Relevant Level and/or determine the amount (if any) that is payable as a result of such publication or announcement. The Issuer shall give notice to the Holders of any determination in respect of (i) or (ii), together with any adjustment or amount in respect thereof, in accordance with Security Condition 10.
- (d) Notwithstanding the foregoing, if Inflation Index Level Adjustment is specified as applicable in the applicable Final Terms, the Calculation Agent will only be permitted to make any such adjustment in accordance with this Inflation Index Security Condition 4.3 if the Calculation Agent determines that the delay in publication was not attributable to the Issuer, but substantially, alters the economics of the Securities compared to the economics as of the Issue Date

### 4.4 Currency

If the Calculation Agent determines that any event occurs affecting the Specified Currency or Settlement Currency, as applicable, (whether relating to its convertibility into other currencies or otherwise) which the Calculation Agent determines necessitates an adjustment or adjustments to the Cash Settlement Amount and/or any other relevant term of the Securities (including the date on which any amount is payable by the Issuer), the Calculation Agent may make such adjustment or adjustments to any relevant Cash Settlement Amount and/or any Interest Amount and/or any other relevant term of the Securities as the Calculation Agent deems necessary acting in good faith and in a commercially reasonable manner, provided that if Currency Adjustment is specified as applicable in the applicable Final Terms, the Calculation Agent will only be permitted to make any such adjustment if the Calculation Agent determines that the event affecting the Specified Currency or the Settlement Currency was not

## ANNEX 7 – ADDITIONAL TERMS AND CONDITIONS FOR INFLATION INDEX SECURITIES

attributable to the Issuer, but substantially alters the economics of the Securities compared to the economics as of the Issue Date. The Issuer shall give notice to the Holders of any such adjustment in accordance with Security Condition 10.

### 4.5 **Rebasing**

If the Calculation Agent determines that the Inflation Index has been or will be rebased at any time, the Inflation Index as so rebased (the "**Rebased Index**") will be used for purposes of determining the Relevant Level from the date of such rebasing; provided, however, that the Calculation Agent may make (a) if Related Bond is specified as applicable in the relevant Final Terms, any adjustments as are made pursuant to the terms and conditions of the Related Bond, if any, to the levels of the Rebased Index so that the Rebased Index levels reflect the same rate of inflation as before the rebasing, and/or (b) if Related Bond is specified as not applicable in the relevant Final Terms or a Related Bond Redemption Event has occurred, the Calculation Agent may make adjustments to the levels of the Rebased Index so that the Rebased Index levels reflect the same rate of inflation as the Inflation Index before it was rebased, and in each case the Calculation Agent may make any adjustment(s) to any relevant Interest Amount and/or the Cash Settlement Amount payable under the Securities (if any) and/or any other term of the Securities as the Calculation Agent may deem necessary acting in good faith and in a commercially reasonable manner. If the Calculation Agent determines that neither (a) nor (b) above would produce a commercially reasonable result, the Issuer may redeem each Security on a date notified by the Issuer to Holders in accordance with Security Condition 10, in which event the Issuer will pay to each Holder in respect of each such Security, an amount equal to the fair market value of a Security as determined by the Calculation Agent as at the date of redemption taking into account the rebasing, less, unless or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer of unwinding or amending any related underlying hedging arrangements. Notice of any adjustment, redemption of the Securities or determination pursuant to this paragraph shall be given to Holders in accordance with Security Condition 10.

### 4.6 **Index Modification**

- (a) If on or prior to the Cut-Off Date in respect of any Valuation Date, the Calculation Agent determines that an Index Modification has occurred, the Calculation Agent may (i) if Related Bond is specified as applicable in the relevant Final Terms, make any adjustments to the relevant Inflation Index, any Relevant Level and/or any other relevant term of the Securities (including, without limitation, the Cash Settlement Amount payable under the Securities), consistent with any adjustments made to the Related Bond as the Calculation Agent deems necessary acting in good faith and in a commercially reasonable manner, or (ii) if Related Bond is specified as not applicable in the applicable Final Terms or a Related Bond Redemption Event has occurred, make only those adjustments to the relevant Inflation Index, any Relevant Level and/or any other term of the Inflation Index Securities (including, without limitation, any relevant Interest Amount and/or the Cash Settlement Amount payable under the Securities), as the Calculation Agent deems necessary acting in good faith and in a commercially reasonable manner for the modified Index to continue as the relevant Inflation Index and to account for the economic effect of the Index Modification.
- (b) If the Calculation Agent determines that an Index Modification has occurred at any time after the Cut-Off Date in respect of any Valuation Date, the Calculation Agent may determine either to ignore such Index Modification for the purposes of any calculation or determination made by the Calculation Agent with respect to such Valuation Date, in which case the relevant Index Modification will be deemed to have occurred with respect to the immediately succeeding Interest Payment Date and/or Redemption Date, such that the provisions of paragraph (a) above will apply, or, notwithstanding that the Index

## ANNEX 7 – ADDITIONAL TERMS AND CONDITIONS FOR INFLATION INDEX SECURITIES

Modification has occurred following the Cut-Off Date, to make any adjustments as the Calculation Agent deems fit in accordance with paragraph (a) above.

### 4.7 Index Cancellation

If the Calculation Agent determines that an Index Cancellation has occurred, the Issuer may:

- (a) elect for the Calculation Agent to calculate the relevant Interest Amount and/or relevant level using, in lieu of a published level for that Inflation Index, the level for that Inflation Index, as determined by the Calculation Agent in accordance with the formula for and method of calculating that Inflation Index last in effect prior to cancellation;
- (b)
  - (i) unless Highest Value, Market Value or Monetisation Option are specified as applicable in the applicable Final Terms, redeem all but not some only of the Securities on the date notified by the Issuer to Holders in accordance with Security Condition 10 in which event the Issuer will pay to each Holder in respect of such Security, held by him an amount equal to fair market value of a Security as determined by the Calculation Agent as at the date of redemption taking into account the Index Cancellation, less, unless Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer of unwinding or amending any related underlying hedging arrangements, payment being made in such manner as shall be notified to Holders in accordance with Security Condition 10;
  - (ii) if Highest Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(a);
  - (iii) if Market Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or
  - (iv) if Monetisation Option is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(c); or
  - (v) if the Calculation Agent determines that such Index Cancellation constitutes a force majeure, and if Inflation Index Security Condition 4.7(b)(v) is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption.

## ANNEX 8 – ADDITIONAL TERMS AND CONDITIONS FOR CURRENCY SECURITIES

### ANNEX 8

#### ADDITIONAL TERMS AND CONDITIONS FOR CURRENCY SECURITIES

##### CONTENTS

1.	Definitions .....	791
2.	Disruption Events.....	795
3.	Consequences of a Disruption Event .....	796
4.	Settlement Price .....	798
5.	Futures Price Valuation.....	798
6.	Rolling Futures Contract Securities .....	800
7.	Adjustments to an Exchange-traded Contract.....	800
8.	Non-Commencement or Discontinuance of an Exchange-traded Contract.....	800
9.	Correction of the Daily Settlement Price .....	802
10.	Dual Currency Certificates.....	802
11.	Dual Currency Certificate Definitions .....	802
12.	Settlement Currency.....	803
13.	Dual Currency Cash Settlement Amount .....	803
14.	Dual Currency Interest or Premium Amount .....	804
15.	Consequences of a Dual Currency Disruption Event .....	804

If specified as applicable in the applicable Final Terms, the terms and conditions applicable to Securities specified in the applicable Final Terms as Currency Securities shall comprise the terms and conditions of Securities (the "**Security Conditions**") and the additional Terms and Conditions for Currency Securities set out below (the "**Currency Security Conditions**"), in each case together with any other additional terms and conditions specified in the applicable Final Terms and subject to completion in the applicable Final Terms. In the event of any inconsistency between (i) the Security Conditions and (ii) the Currency Security Conditions, the Currency Security Conditions shall prevail.

#### 1. Definitions

"**Averaging Date**" means the dates specified as such in the applicable Final Terms or, if any such day is not a Scheduled Trading Day, the immediately preceding Scheduled Trading Day (if Preceding Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), the immediately succeeding Scheduled Trading Day or, if such Scheduled Trading Day falls in the next calendar month, the immediately preceding Scheduled Trading Day (if Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date) or the immediately succeeding Scheduled Trading Day (if neither Preceding Currency Convention nor Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), in each case, unless, in the opinion of the Calculation Agent, any such day is a Disrupted Day, in which case the provisions of Currency Security Condition 3 (Consequences of a Disruption Event) shall apply;

"**Dual Exchange Rate**" means that any of the Base Currency, Subject Currency and/or Subject Currencies, splits into dual or multiple currency exchange rates;

"**Disrupted Day**" means any Scheduled Trading Day on which the Calculation Agent determines that a Disruption Event has occurred;

"**FX Averaging Date**" means the dates specified as such in the applicable Final Terms or, if any such day is not a Scheduled Trading Day, the immediately preceding Scheduled Trading Day (if Preceding

## ANNEX 8 – ADDITIONAL TERMS AND CONDITIONS FOR CURRENCY SECURITIES

Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), the immediately succeeding Scheduled Trading Day or, if such Scheduled Trading Day falls in the next calendar month, the immediately preceding Scheduled Trading Day (if Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date) or the immediately succeeding Scheduled Trading Day (if neither Preceding Currency Convention nor Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), in each case, unless, in the opinion of the Calculation Agent, any such day is a Disrupted Day, in which case the provisions of Currency Security Condition 3 (Consequences of a Disruption Event) shall apply;

**"FX Digital Level"** means:

- (a) if FX Digital Average Value is specified as applicable in the applicable Final Terms, the arithmetic average of the Settlement Prices for all the FX Averaging Dates;
- (b) if Single Resettable Level is specified as applicable in the applicable Final Terms, the Settlement Price on the FX Digital Observation Date plus or minus, as indicated in the applicable Final Terms, the Resettable Adjustment; or
- (c) if Multiple Resettable Level is specified as applicable in the applicable Final Terms, in respect of a Resettable Period, the Settlement Price on the FX Digital Observation Date specified for such Resettable Period plus or minus, as indicated in the applicable Final Terms, the Resettable Adjustment;

**"FX Digital Observation Date"** means each date specified as such in the applicable Final Terms or, if any such date is not a Scheduled Trading Day, the immediately preceding Scheduled Trading Day (if Preceding Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), the immediately succeeding Scheduled Trading Day or, if such Scheduled Trading Day falls in the next calendar month, the immediately preceding Scheduled Trading Day (if Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date) or the immediately succeeding Scheduled Trading Day (if neither Preceding Currency Convention nor Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), in each case unless, in the opinion of the Calculation Agent, any such day is a Disrupted Day, in which case the provisions of Currency Security Condition 3 (Consequences of a Disruption Event) shall apply;

**"FX Knock-in Level"** means:

- (a) if Knock-in Average Value is specified as applicable in the applicable Final Terms the arithmetic average of the Settlement Prices for all the Knock-in Averaging Dates;
- (b) if Single Resettable Knock-in is specified as applicable in the applicable Final Terms, the Settlement Price on the Knock-in Observation Date plus or minus, as indicated in the applicable Final Terms, the Resettable Adjustment; or
- (c) if Multiple Resettable Knock-in is specified as applicable in the applicable Final Terms, in respect of a Resettable Knock-in Period, the Settlement Price on the Knock-in Observation Date specified for such Resettable Knock-in Period plus or minus, as indicated in the applicable Final Terms, the Resettable Adjustment;

**"FX Knock-out Level"** means:

## ANNEX 8 – ADDITIONAL TERMS AND CONDITIONS FOR CURRENCY SECURITIES

- (a) if Knock-out Average Value is specified as applicable in the applicable Final Terms the arithmetic average of the Settlement Prices for all the Knock-out Averaging Dates;
- (b) if Single Resettable Knock-out is specified as applicable in the applicable Final Terms, the Settlement Price on the Knock-out Observation Date plus or minus, as indicated in the applicable Final Terms, the Resettable Adjustment; or
- (c) if Multiple Resettable Knock-out is specified as applicable in the applicable Final Terms, in respect of a Resettable Knock-out Period, the Settlement Price on the Knock-out Observation Date specified for such Resettable Knock-out Period plus or minus, as indicated in the applicable Final Terms, the Resettable Adjustment;

**"Illiquidity Disruption"** means the occurrence of any event in respect of any of the Base Currency, Subject Currency and/or Subject Currencies whereby it becomes impossible for the Calculation Agent or Issuer to obtain a firm quote for such currency in an amount deemed necessary by the Calculation Agent or Issuer to hedge its obligations under the Securities (in one or more transaction(s)) on the relevant Averaging Date or any Settlement Price Date (or, if different, the day on which rates for such Averaging Date or Settlement Price Date would, in the ordinary course, be published or announced by the relevant price source);

**"Knock-in Averaging Date"** means the dates specified as such in the applicable Final Terms or, if any such day is not a Scheduled Trading Day, the immediately preceding Scheduled Trading Day (if Preceding Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), the immediately succeeding Scheduled Trading Day or, if such Scheduled Trading Day falls in the next calendar month, the immediately preceding Scheduled Trading Day (if Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date) or the immediately succeeding Scheduled Trading Day (if neither Preceding Currency Convention nor Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), in each case, unless, in the opinion of the Calculation Agent, any such day is a Disrupted Day, in which case the provisions of Currency Security Condition 3 (Consequences of a Disruption Event) shall apply;

**"Knock-out Averaging Date"** means the dates specified as such in the applicable Final Terms or, if any such day is not a Scheduled Trading Day, the immediately preceding Scheduled Trading Day (if Preceding Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), the immediately succeeding Scheduled Trading Day or, if such Scheduled Trading Day falls in the next calendar month, the immediately preceding Scheduled Trading Day (if Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date) or the immediately succeeding Scheduled Trading Day (if neither Preceding Currency Convention nor Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), in each case, unless, in the opinion of the Calculation Agent, any such day is a Disrupted Day, in which case the provisions of Currency Security Condition 3 (Consequences of a Disruption Event) shall apply;

**"Knock-in Observation Date"** means the dates specified as such in the applicable Final Terms or, if any such day is not a Scheduled Trading Day, the immediately preceding Scheduled Trading Day (if Preceding Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), the immediately succeeding Scheduled Trading Day or, if such Scheduled Trading Day falls in the next calendar month, the immediately preceding Scheduled Trading Day (if Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date) or the immediately succeeding Scheduled Trading Day (if neither Preceding Currency Convention nor

## ANNEX 8 – ADDITIONAL TERMS AND CONDITIONS FOR CURRENCY SECURITIES

Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), in each case, unless, in the opinion of the Calculation Agent, any such day is a Disrupted Day, in which case the provisions of Currency Security Condition 3 (Consequences of a Disruption Event) shall apply;

**"Knock-out Observation Date"** means the dates specified as such in the applicable Final Terms or, if any such day is not a Scheduled Trading Day, the immediately preceding Scheduled Trading Day (if Preceding Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), the immediately succeeding Scheduled Trading Day or, if such Scheduled Trading Day falls in the next calendar month, the immediately preceding Scheduled Trading Day (if Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date) or the immediately succeeding Scheduled Trading Day (if neither Preceding Currency Convention nor Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), in each case, unless, in the opinion of the Calculation Agent, any such day is a Disrupted Day, in which case the provisions of Currency Security Condition 3 (Consequences of a Disruption Event) shall apply;

**"Observation Date"** means each date specified as an Observation Date in the applicable Final Terms or, if any such day is not a Scheduled Trading Day, the immediately preceding Scheduled Trading Day (if Preceding Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), the immediately succeeding Scheduled Trading Day or, if such Scheduled Trading Day falls in the next calendar month, the immediately preceding Scheduled Trading Day (if Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date) or the immediately succeeding Scheduled Trading Day (if neither Preceding Currency Convention nor Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), in each case, unless, in the opinion of the Calculation Agent, any such day is a Disrupted Day, in which case the provisions of Currency Security Condition 3 (Consequences of a Disruption Event) shall apply;

**"Price Source"** means the published source, information vendor or provider containing or reporting the rate or rates from which the Settlement Price is calculated as specified in the applicable Final Terms;

**"Price Source Disruption"** means that it becomes impossible to obtain the rate or rates from which the Settlement Price is calculated;

**"Protected Amount"** means the amount specified as such in the applicable Final Terms;

**"Resettable Knock-in Period"** means the period specified as such in the applicable Final Terms;

**"Resettable Knock-out Period"** means the period specified as such in the applicable Final Terms;

**"Resettable Period"** means the period specified as such in the applicable Final Terms;

**"Scheduled Trading Day"** means a day on which commercial banks are open (or, but for the occurrence of a Disruption Event or a Dual Currency Disruption Event, as the case may be would have been open) for business (including dealings in foreign exchange in accordance with the market practice of the foreign exchange market) in the principal financial centres of the Base Currency and Subject Currency or Subject Currencies;

**"Settlement Price Date"** means each Averaging Date, Strike Day, Strike Date, FX Averaging Dates, FX Digital Observation Date, Knock-in Averaging Date, Knock-out Averaging Date, Knock-in Observation Date, Knock-out Observation Date, Observation Date or Valuation Date, as the case may be;

## ANNEX 8 – ADDITIONAL TERMS AND CONDITIONS FOR CURRENCY SECURITIES

**"Specified Maximum Days of Disruption"** means the number of days specified in the applicable Final Terms, or if not so specified, five Scheduled Trading Days;

**"Strike Date"** means the Strike Date specified in the applicable Final Terms or, if such day is not a Scheduled Trading Day, the immediately preceding Scheduled Trading Day (if Preceding Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), the immediately succeeding Scheduled Trading Day or, if such Scheduled Trading Day falls in the next calendar month, the immediately preceding Scheduled Trading Day (if Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date) or the immediately succeeding Scheduled Trading Day (if neither Preceding Currency Convention nor Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), in each case, unless, in the opinion of the Calculation Agent, any such day is a Disrupted Day, in which case the provisions of Currency Security Condition 3 (Consequences of a Disruption Event) shall apply;

**"Strike Day"** means each date specified as such in the applicable Final Terms or, if any such date is not a Scheduled Trading Day, the immediately preceding Scheduled Trading Day (if Preceding Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), the immediately succeeding Scheduled Trading Day or, if such Scheduled Trading Day falls in the next calendar month, the immediately preceding Scheduled Trading Day (if Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date) or the immediately succeeding Scheduled Trading Day (if neither Preceding Currency Convention nor Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), in each case, unless in the opinion of the Calculation Agent, any such day is a Disrupted Day, in which case the provisions of Currency Security Condition 3 (Consequences of a Disruption Event) shall apply;

**"Strike Period"** means the period specified as such in the applicable Final Terms;

**"Valuation Date"** means the Interest Valuation Date and/or the Redemption Valuation Date specified in the applicable Final Terms or, if such day is not a Scheduled Trading Day, the immediately preceding Scheduled Trading Day (if Preceding Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), the immediately succeeding Scheduled Trading Day or, if such Scheduled Trading Day falls in the next calendar month, the immediately preceding Scheduled Trading Day (if Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date) or the immediately succeeding Scheduled Trading Day (if neither Preceding Currency Convention nor Modified Following Currency Convention is specified as applicable in the applicable Final Terms in respect of such date), in each case, unless, in the opinion of the Calculation Agent, any such day is a Disrupted Day, in which case the provisions of Currency Security Condition 3 (Consequences of a Disruption Event) shall apply;

**"Valuation Time"** means, unless otherwise specified in the applicable Final Terms, the time at which the Price Source publishes the relevant rate or rates from which the Settlement Price is calculated; and

**"Valid Date"** means a Scheduled Trading Day that is not a Disrupted Day and on which another Averaging Date does not or is not deemed to occur.

### 2. Disruption Events

Unless Dual Currency Certificates is specified as applicable in the applicable Final Terms, the occurrence of any of the following events, in respect of any Base Currency, Subject Currency and/or Subject Currencies, shall be a Disruption Event:



## ANNEX 8 – ADDITIONAL TERMS AND CONDITIONS FOR CURRENCY SECURITIES

- (a) Price Source Disruption;
- (b) unless specified as not applicable in the applicable Final Terms, Illiquidity Disruption;
- (c) Dual Exchange Rate; or
- (d) any other event that, in the opinion of the Calculation Agent, is analogous to (a), (b) (if applicable) or (c).

The Calculation Agent shall give notice as soon as practicable to Holders in accordance with Security Condition 10 of the occurrence of a Disrupted Day on any day that but for the occurrence of the Disrupted Day would have been an Averaging Date, Settlement Price Date, Knock-in Determination Day or Knock-out Determination Day, as the case may be.

### 3. Consequences of a Disruption Event

Upon a Disruption Event occurring or continuing on any Settlement Price Date (or, if different, the day on which prices for that date would, in the ordinary course, be published by the Price Source) as determined by the Calculation Agent, the Calculation Agent shall apply the applicable Disruption Fallback in determining the consequences of the Disruption Event.

**"Disruption Fallback"** means a source or method that may give rise to an alternative basis for determining the Settlement Price when a Disruption Event occurs or exists on a day that is a Settlement Price Date (or, if different, the day on which prices for that date would, in the ordinary course, be published or announced by the Price Source). The Calculation Agent shall take the relevant actions specified in either (a), (b) or (c) below.

- (a) if a Settlement Price Date is a Disrupted Day, the Calculation Agent will determine that the relevant Settlement Price Date, as the case may be, shall be the first succeeding Scheduled Trading Day that is not a Disrupted Day (in the case of any Settlement Price Date) or Valid Date (in the case of an Averaging Date or Strike Day) unless each of the number of consecutive Scheduled Trading Days equal to the Specified Maximum Days of Disruption immediately following the originally scheduled Settlement Price Date is a Disrupted Day in which case the Calculation Agent may determine that the last such consecutive Scheduled Trading Day shall be deemed to be the Settlement Price Date (irrespective of whether that last consecutive Scheduled Trading Day is already a Settlement Price Date) and may determine the Settlement Price by using commercially reasonable efforts to determine a level for the Subject Currency as of the Valuation Time on the last such consecutive Scheduled Trading Day taking into consideration all available information that in good faith it deems relevant; or
- (b) (i) if any Settlement Price Date is a Disrupted Day but is not the Redemption Valuation Date, and unless any of Delayed Redemption on Occurrence of a Disruption Event, Highest Value, Market Value or Monetisation Option are specified as applicable in the applicable Final Terms, the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed, the Issuer will pay an amount to each Holder in respect of each Security being redeemed at an amount equal to the fair market value of such Security taking into account the Disruption Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner,

## ANNEX 8 – ADDITIONAL TERMS AND CONDITIONS FOR CURRENCY SECURITIES

payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10; or

- (ii) if any Settlement Price Date is a Disrupted Day but is not the Redemption Valuation Date, and if Delayed Redemption on Occurrence of a Disruption Event is specified as being applicable in the applicable Final Terms, the Calculation Agent shall calculate the fair market value of each Security, taking into account the Disruption Event less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, as applicable, the cost to the Issuer and/or its affiliates of unwinding any underlying related hedging arrangements (the "**Calculated Currency Disruption Amount**") as soon as practicable following the occurrence of the Disruption Event (the "**Calculated Currency Disruption Amount Determination Date**") and on the Redemption Date shall redeem each Security at an amount calculated by the Calculation Agent equal to (x) the Calculated Currency Disruption Amount plus interest accrued from and including the Calculated Currency Disruption Amount Determination Date to but excluding the Redemption Date at a rate equal to Issuer's funding cost at such time or (y) if Principal Protected Termination Amount is specified as being applicable in the applicable Final Terms and if greater, the Protected Amount (specified in the applicable Final Terms);
- (iii) if any Settlement Price Date is a Disrupted Day but is not the Redemption Valuation Date, and if Highest Value is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(a);
- (iv) if any Settlement Price Date is a Disrupted Day but is not the Redemption Valuation Date, and if Market Value is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or
- (v) if any Settlement Price Date is a Disrupted Day but is not the Redemption Valuation Date, and if Monetisation Option is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(c); or
- (vi) if any Settlement Price Date is a Disrupted Day but is not the Redemption Valuation Date, and if the Calculation Agent determines that such Disruption Event constitutes a force majeure, and if Currency Security Condition 3(b)(vi) is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs

## ANNEX 8 – ADDITIONAL TERMS AND CONDITIONS FOR CURRENCY SECURITIES

shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption;

- (c) Unless Disruption Event Postponement is specified as not applicable in the applicable Final Terms, notwithstanding any provisions in the Conditions to the contrary, postpone any payment date related to such Settlement Price Date (or, if different, the day on which prices for that date would, in the ordinary course, be provided or announced by the Price Source), as the case may be (including the Redemption Date) until the Business Day following the date on which a Disruption Event is no longer subsisting and no interest or other amount shall be paid by the Issuer in respect of such postponement.

### 4. Settlement Price

**"Settlement Price"** means, in respect of a Subject Currency and a Settlement Price Date, and subject to Currency Security Condition 3 above, an amount equal to the spot rate of exchange appearing on the Relevant Screen Page specified in the applicable Final Terms at the Valuation Time on such Settlement Price Date, for the exchange of such Subject Currency into the Base Currency (expressed as the number of units (or part units) of the Subject Currency for which one unit of the Base Currency can be exchanged) or, if such rate is not available, the arithmetic mean (rounded, if necessary, to four decimal places (with 0.00005 being rounded upwards)) as determined by or on behalf of the Calculation Agent of the bid and offer Subject Currency/Base Currency exchange rates (expressed as aforesaid) at the Valuation Time on the relevant Settlement Price Date, of two or more leading dealers (as selected by the Calculation Agent) on a foreign exchange market (as selected by the Calculation Agent), Provided That if the relevant rate of exchange is derived from two or more rates of exchange, the Settlement Price shall be calculated by the Calculation Agent as provided above acting in good faith and in a commercially reasonable manner on the basis of each such rate of exchange.

### 5. Futures Price Valuation

If "Futures Price Valuation" is specified as applicable in the applicable Final Terms, the following provisions shall apply to these Currency Security Conditions:

**"Settlement Price"** means an amount equal to the Daily Settlement Price for the relevant Current Exchange-traded Contract, as determined by the Calculation Agent on (i) if Averaging is not specified in the applicable Final Terms, the Valuation Date (as defined in Currency Security Condition 1) or (ii) if Averaging is specified in the applicable Final Terms, an Averaging Date (as defined in Currency Security Condition 1). If, in the determination of the Calculation Agent, no such price can be determined, other than as a consequence of the occurrence of a Non-Commencement or Discontinuance of an Exchange-traded Contract, an amount determined by the Calculation Agent acting in good faith and in a commercially reasonable manner as the Daily Settlement Price on such date, having regard to the then prevailing market conditions, the last reported Daily Settlement Price and such other factors as the Calculation Agent determines relevant.

For the purpose of determining whether a day is a Scheduled Trading Day where Futures Price Valuation applies, "Scheduled Trading Day" will be deemed to mean a day on which the Daily Settlement Price of the relevant Current Exchange-traded Contract is scheduled to be published by the relevant Futures or Options Exchange.

If Futures Price Valuation applies, the Disrupted Day provisions in the Security Conditions and/or these Currency Security Conditions will not apply in relation to any Current Exchange-traded Contract.

For these purposes:

## ANNEX 8 – ADDITIONAL TERMS AND CONDITIONS FOR CURRENCY SECURITIES

**"Current Exchange-traded Contract"** means (a) if the Securities are not Rolling Futures Contract Securities, the Exchange-traded Contract and (b) if the Securities are Rolling Futures Contract Securities, the futures contract determined pursuant to Currency Security Condition 6 (Rolling Futures Contract Securities) below.

**"Daily Settlement Price"** means the daily settlement price (howsoever described under the rules of the relevant Futures or Options Exchange or its clearing house) of the relevant Exchange-traded Contract published by the relevant Futures or Options Exchange or its clearing house, as determined by the Calculation Agent.

**"Daily Settlement Price Correction Period"** means the period specified as such in the applicable Final Terms or, if none, one Settlement Cycle.

**"Exchange-traded Contract"** means the futures or options contract(s) specified as such in the applicable Final Terms, in each case, identified by reference to (a) the Subject Currency and Base Currency (the **"Currency Pair"**) to which it relates, (b) the ISIN or any other unique identifier of such contract, (c) the Futures or Options Exchange on which each such contract is traded and (d) (i) if the Securities are not Rolling Futures Contract Securities, the expiry month of such contract or (ii) if the Securities are Rolling Futures Contract Securities, the specified period of each such contract and the Futures Rollover Date.

**"Exchange Business Day"** means any day on which the relevant Futures or Options Exchange is open for trading during its respective regular trading session(s).

**"Futures or Options Exchange"** means the relevant exchange specified in the description of the Exchange-traded Contract in the applicable Final Terms or any successor to such exchange.

**"Futures Rollover Date"** means either:

- (a) the date specified as such in the applicable Final Terms; or
- (b) the date selected by the Calculation Agent acting in good faith and in a commercially reasonable manner within the period (the **"Futures Rollover Period"**) specified in the applicable Final Terms.

**"Non-Commencement or Discontinuance of an Exchange-traded Contract"** means there is no Daily Settlement Price as a result of the fact that trading in the Exchange-traded Contract never commences or is permanently discontinued at any time on or prior to the Valuation Date, Averaging Date or other date for valuation or observation or other relevant date, as the case may be, of the relevant Current Exchange-traded Contract.

**"Protected Amount"** means the amount specified as such in the applicable Final Terms.

**"Settlement Cycle"** means, in respect of an Exchange-traded Contract, the period of Exchange Business Days following a trade in such Exchange-traded Contract on the relevant Futures or Options Exchange in which settlement will customarily occur according to the rules of such Futures or Options Exchange.

Currency Security Condition 2 (Disruption Events) and Currency Security Condition 3 (Consequences of a Disruption Event) will not apply if Futures Price Valuation applies.

If Futures Price Valuation applies, references to "Subject Currency" in the definition of "Underlying Reference" in the Security Conditions, Payout Conditions (except Payout Condition 3.6) and OET Certificate Conditions is deemed to be a reference to a "Current Exchange-traded Contract".

## ANNEX 8 – ADDITIONAL TERMS AND CONDITIONS FOR CURRENCY SECURITIES

### 6. Rolling Futures Contract Securities

If the applicable Final Terms specify that the Securities are "Rolling Futures Contract Securities", the Securities will be valued by reference to futures contracts relating to the Currency Pair that have expiry months that do not correspond with the term of the Securities. In such case, on or prior to the Issue Date, the Calculation Agent will select an Exchange-traded Contract and for each following day until the Futures Rollover Date such futures contract will be the Current Exchange-traded Contract. On each Futures Rollover Date the Calculation Agent will select another Exchange-trade Contract and such contract will be the Current Exchange-traded Contract until the next occurring Futures Rollover Date. Notwithstanding the provisions of Currency Security Condition 7 (Adjustments to an Exchange-traded Contract) or Currency Security Condition 8 (Non-Commencement or Discontinuance of an Exchange-traded Contract) if on a Futures Rollover Date a Non-Commencement or Discontinuance of an Exchange-traded Contract occurs and it is impossible or materially impracticable for the Calculation Agent to select an Exchange-traded Contract and/or at such time hedge the Issuer's obligations in respect of the Securities then:

- (a) unless Delayed Redemption on Non-Commencement or Discontinuance of an Exchange-traded Contract is specified as being applicable in the applicable Final Terms, the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed the Issuer will pay an amount to each Holder in respect of each Security being redeemed equal to the fair market value of such Security taking into account the Non-Commencement or Discontinuance of the Exchange-traded Contract, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner. Payments will be made in such manner as shall be notified to the Holders in accordance with Security Condition 10; or
- (b) if Delayed Redemption on Non-Commencement or Discontinuance of an Exchange-traded Contract is specified as being applicable in the applicable Final Terms, the Calculation Agent shall calculate the fair market value of each Security taking into account the Non-Commencement or Discontinuance of the Exchange-traded Contract less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements (the "**Calculated Contract Adjustment Amount**") as soon as practicable following the occurrence of the Non-Commencement or Discontinuance of the Exchange-traded Contract (the "**Calculated Contract Adjustment Amount Determination Date**") and on the Redemption Date shall redeem each Security at an amount calculated by the Calculation Agent equal to (x) the Calculated Contract Adjustment Amount plus interest accrued from and including the Calculated Contract Adjustment Amount Determination Date to but excluding the Redemption Date at a rate equal to Issuer's funding cost at such time or (y) if Principal Protected Termination Amount is specified as being applicable in the applicable Final Terms and if greater, the Protected Amount.

### 7. Adjustments to an Exchange-traded Contract

In the event that the terms of an Exchange-traded Contract are changed or modified by the Futures or Options Exchange, the Calculation Agent will make the appropriate adjustment, if any, to any of the Conditions and/or the applicable Final Terms to account for such change or modification.

### 8. Non-Commencement or Discontinuance of an Exchange-traded Contract

## ANNEX 8 – ADDITIONAL TERMS AND CONDITIONS FOR CURRENCY SECURITIES

Where there is a Non-Commencement or Discontinuance of an Exchange-traded Contract, the Issuer may take the action described in (a) below or require the Calculation Agent to take the action described in (b) below:

- (a)
  - (i) unless Delayed Redemption on Non-Commencement or Discontinuance of an Exchange-traded Contract is specified as being applicable in the applicable Final Terms, the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed the Issuer will pay an amount to each Holder in respect of each Security being redeemed equal to the fair market value of such Security taking into account the Non-Commencement or Discontinuance of an Exchange-traded Contract, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner. Payments will be made in such manner as shall be notified to the Holders in accordance with Security Condition 10; or
  - (ii) if Delayed Redemption on Non-Commencement or Discontinuance of an Exchange-traded Contract is specified as being applicable in the applicable Final Terms, the Calculation Agent shall calculate the fair market value of each Security taking into account the Non-Commencement or Discontinuance of an Exchange-traded Contract less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements (the "**Calculated Contract Adjustment Amount**") as soon as practicable following the Non-Commencement or Discontinuance of an Exchange-traded Contract (the "**Calculated Contract Adjustment Amount Determination Date**") and on the Redemption Date shall redeem each Security at an amount calculated by the Calculation Agent equal to (x) the Calculated Contract Adjustment Amount plus interest accrued from and including the Calculated Contract Adjustment Amount Determination Date to but excluding the Redemption Date at a rate equal to Issuer's funding cost at such time or (y) if Principal Protected Termination Amount is specified as being applicable in the applicable Final Terms and if greater, the Protected Amount; or
- (b)
  - (i) replace the relevant Exchange-traded Contract affected by the Non-Commencement or Discontinuance of an Exchange-traded Contract (the "Affected Exchange-traded Contract") with a substitute Exchange-traded Contract (the "Substitute Exchange-traded Contract") which, in the determination of the Calculation Agent acting in good faith and in a commercially reasonable manner, has similar contract specifications to those of the Affected Exchange-traded Contract and (ii) make such adjustments to adjust the terms of the Securities as it determines acting in good faith and in a commercially reasonable manner to be appropriate to preserve the economic position of the Holders prior to such replacement. Such replacement will be deemed to be effective as of the date selected by the Calculation Agent, acting in good faith and in a commercially reasonable manner, and specified in the notice referred to below. The Substitute Exchange-traded Contract will be deemed to be an "Exchange-traded Contract" for the purposes of the Securities.

Notwithstanding the foregoing, in the case of Italian Securities the Calculation Agent will adjust any relevant terms of the Securities as it determines appropriate to preserve the economic equivalent of the obligations of the Issuer under the Securities.

## ANNEX 8 – ADDITIONAL TERMS AND CONDITIONS FOR CURRENCY SECURITIES

The Calculation Agent shall, as soon as practicable, notify the relevant Security Agent or the Registrar, as the case may be, of any determination made by it pursuant to this Currency Security Condition 8 and the action proposed to be taken in relation thereto and such Security Agent or the Registrar, as the case may be, shall make available for inspection by Holders copies of any such determinations.

### 9. Correction of the Daily Settlement Price

With the exception of any corrections published after the day which is three Business Days prior to the due date for any payment under the Securities, if the Daily Settlement Price published on a given day and used or to be used by the Calculation Agent to make any determination under the Securities is subsequently corrected and the correction is published by the relevant Futures or Options Exchange, within the number of days equal to the Daily Settlement Price Correction Period of the original publication, the Daily Settlement Price to be used shall be the Daily Settlement Price as so corrected. Corrections published after the day which is three Business Days prior to a due date for payment under the Securities will be disregarded by the Calculation Agent for the purposes of determining the relevant amount to be paid.

### 10. Dual Currency Certificates

If "Dual Currency Certificates" is specified as applicable in the applicable Final Terms, Currency Security Conditions 10 to 15 (inclusive) will apply.

### 11. Dual Currency Certificate Definitions

"DCC Dual Exchange Rate" means that one or more rates used to determine the Dual Currency Rate on a relevant day splits into dual or multiple currency exchange rates.

"DCC Illiquidity Disruption" means the occurrence of any event in respect of any of the Base Currency and/or the Subject Currency, whereby it becomes impossible for the Calculation Agent or Issuer to obtain a firm quote for such currency in an amount determined necessary by the Calculation Agent or Issuer to hedge its obligations under the Certificates (in one or more transaction(s)) on the relevant Dual Currency Determination Date.

"Dual Currency Condition" means, in respect of a Dual Currency Determination Date, that the Dual Currency Rate in respect of such Dual Currency Determination Date is (a) "greater than", (b) "greater than or equal to", (c) "less than" or (d) "less than or equal to" the Strike Rate, as specified in the applicable Final Terms.

"Dual Currency Determination Date" means each date specified as such in the applicable Final Terms or, if such day is not a Scheduled Trading Day, the immediately succeeding Scheduled Trading Day unless, in the determination of the Calculation Agent, such day is a Dual Currency Disrupted Day, in which case the provisions of Currency Security Condition 13 (Consequences of a Dual Currency Disruption Event) shall apply.

"Dual Currency Disrupted Day" means any Scheduled Trading Day on which the Calculation Agent determines that a Dual Currency Disruption Event has occurred.

"Dual Currency Disruption Event" means the occurrence of any of the following events, in respect of the Subject Currency or the Base Currency:

- (a) a DCC Illiquidity Disruption;
- (b) a DCC Dual Exchange Rate; or

## ANNEX 8 – ADDITIONAL TERMS AND CONDITIONS FOR CURRENCY SECURITIES

- (c) any other event that, in the opinion of the Calculation Agent, is analogous to (a) or (b).

**"Dual Currency Rate"** means the rate of exchange for the exchange of the Subject Currency into the Base Currency at the Valuation Time on the relevant Dual Currency Determination Date (expressed as a number of units (or part units) of the Subject Currency for which one unit of the Base Currency can be exchanged), as determined by the Calculation Agent by reference to the Relevant Screen Page specified in the applicable Final Terms (or any successor page thereto), provided that, if such rate of exchange is not available from such Relevant Screen Page at such time, the rate of exchange at the Valuation Time on such Dual Currency Determination Date shall be determined by the Calculation Agent acting in good faith and in a commercially reasonable manner.

**"Strike Rate"** means the rate of exchange for the exchange of the Subject Currency into the Base Currency (expressed as a number of units (or part units) of the Subject Currency for which one unit of the Base Currency can be exchanged) specified in the applicable Final Terms.

### 12. Settlement Currency

If:

- (a) Dual Currency Condition 1 is specified as applicable in the applicable Final Terms, the Settlement Currency in respect of the relevant Interest Amount, the relevant Premium Amount or the Cash Settlement Amount (as the case may be) will be (i) the Base Currency if the Dual Currency Condition on the relevant Dual Currency Determination Date is satisfied, otherwise (ii) the Subject Currency;
- (b) Dual Currency Condition 2 is specified as applicable in the applicable Final Terms, the Settlement Currency in respect of the relevant Interest Amount or the relevant Premium Amount will be the Base Currency and the Settlement Currency in respect of the Cash Settlement Amount will be (i) the Base Currency if the Dual Currency Condition on the relevant Dual Currency Determination Date is satisfied, otherwise (ii) the Subject Currency; or
- (c) Dual Currency Condition 2 (Alternative) is specified as applicable in the applicable Final Terms, the Settlement Currency in respect of the relevant Interest Amount or the relevant Premium Amount will be the Subject Currency and the Settlement Currency in respect of the Cash Settlement Amount will be (i) the Base Currency if the Dual Currency Condition on the relevant Dual Currency Determination Date is satisfied, otherwise (ii) the Subject Currency.

### 13. Dual Currency Cash Settlement Amount

In respect of Currency Securities where Dual Currency Certificates is specified as applicable in the applicable Final Terms, the definition of "Cash Settlement Amount" in Security Condition 28 shall be deleted and replaced with the following:

**"Cash Settlement Amount"** means the amount (which may never be less than zero) to which the Holder is entitled in the Settlement Currency in relation to each such Certificate equal to the Final Payout specified in the applicable Final Terms.

The Cash Settlement Amount (if any) shall be rounded to the nearest sub-unit of the relevant Settlement Currency, half of any such sub-unit being rounded upwards or otherwise in accordance with applicable market convention, provided that if Rounding Convention 2 is specified as applicable in the applicable Final Terms, the Cash Settlement Amount shall not be subject to rounding but Securities of the same Series held by the same Holder will be aggregated for the purpose of determining the aggregate Cash



## **ANNEX 8 – ADDITIONAL TERMS AND CONDITIONS FOR CURRENCY SECURITIES**

Settlement Amount in respect of such Certificates and the aggregate of such Cash Settlement Amounts will be rounded down to the nearest whole sub-unit of the Settlement Currency in such manner as the Calculation Agent shall determine, provided that if the product of the Final Payout is zero, no amount shall be payable in respect of the relevant Certificate.

If the Cash Settlement Amount is not an amount in the Settlement Currency, the Cash Settlement Amount will be converted into the Settlement Currency at the Strike Rate."

### **14. Dual Currency Interest or Premium Amount**

If Dual Currency Condition 1 is specified as applicable in the applicable Final Terms, notwithstanding the provisions of Security Condition 32 (in the case of any amount of interest payable in respect of the Securities) or Security Condition 33 (in the case of any Premium Amount payable in respect of the Securities), if the Interest Amount or Premium Amount, as applicable, is not an amount in the Settlement Currency the amount of interest or the Premium Amount, as applicable, will be converted into the Settlement Currency at the Strike Rate.

### **15. Consequences of a Dual Currency Disruption Event**

If a Dual Currency Determination Date is a Dual Currency Disrupted Day as determined by the Calculation Agent, the Calculation Agent will determine that the Dual Currency Determination Date shall be the first succeeding Scheduled Trading Day that is not a Dual Currency Disrupted Day, unless each of the number of consecutive Scheduled Trading Days equal to the Specified Maximum Days of Disruption immediately following the originally scheduled Dual Currency Determination Date is a Dual Currency Disrupted Day, in which case the Calculation Agent may determine that the last such consecutive Scheduled Trading Day shall be deemed to be the relevant Dual Currency Determination Date (irrespective of whether that last consecutive Scheduled Trading Day is already a Dual Currency Determination Date) and will determine the Dual Currency Rate by using commercially reasonable efforts to determine a rate of exchange of the Subject Currency into the Base Currency as of the Valuation Time on the last such consecutive Scheduled Trading Day.

Upon the occurrence of a Dual Currency Disrupted Day on any day that but for the occurrence of the Dual Currency Disrupted Day would have been a Dual Currency Determination Date, the Calculation Agent shall give notice as soon as practicable to Holders in accordance with Security Condition 10.

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

### ANNEX 9

#### ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

##### CONTENTS

1.	Definitions .....	805
2.	Extraordinary Fund Events .....	811
3.	Determination of Extraordinary Fund Events .....	817
4.	Consequences of an Extraordinary Fund Event .....	817
5.	Redemption Date/Automatic Early Redemption Date/Termination Date Extension .....	819
6.	Fund Index Adjustment Event .....	820
7.	Definitions relating to Euro Funds .....	822
8.	Failure to publish the Gross Rate of Return .....	824
9.	Extraordinary Euro Fund Events.....	824
10.	Consequences of an Extraordinary Euro Fund Event .....	825

If specified as applicable in the applicable Final Terms, the terms and conditions applicable to Securities specified in the applicable Final Terms as Fund Securities shall comprise the terms and conditions of Securities (the "**Security Conditions**") and the additional Terms and Conditions for Fund Securities set out below (the "**Fund Security Conditions**"), in each case together with any other additional terms and conditions specified in the applicable Final Terms and subject to completion in the applicable Final Terms. In the event of any inconsistency between (i) the Security Conditions and (ii) the Fund Security Conditions, the Fund Security Conditions shall prevail.

Fund Security Conditions 1 to 6 (inclusive) apply to Fund Securities other than Fund Securities relating to Euro Funds.

##### 1. Definitions

"**AUM Level**" has the meaning given to it in the applicable Final Terms, or if not so specified, with respect to (i) a Mutual Fund, EUR 50,000,000, or (ii) a Hedge Fund, EUR 100,000,000, or the equivalent in any other currency;

"**Averaging Date**" means each date specified as an Averaging Date in the applicable Final Terms or, if any such date is not a Fund Business Day, the immediately succeeding Fund Business Day;

"**Basket Trigger Event**" means that an Extraordinary Fund Event occurs in respect of one or more Funds comprising the Fund Basket or the Fund Index, as the case may be, which has or, in the event that an Extraordinary Fund Event has occurred in respect of more than one Fund, together have, a Weighting in the Fund Basket or the Fund Index, as the case may be, equal to or greater than the Basket Trigger Level;

"**Basket Trigger Level**" has the meaning given to it in the applicable Final Terms or if not so specified, 50 per cent.;

"**Calculation Date**" means each day(s) specified in the applicable Final Terms, or if not so specified, each day which is a Fund Business Day;

"**Delayed Payment Cut-off Date**" has the meaning given in the applicable Final Terms or, if not so specified, the date falling two calendar years after the originally designated Redemption Date or Termination Date, as the case may be;

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

**"Extraordinary Fund Event Effective Date"** means, in respect of an Extraordinary Fund Event, the date on which such Extraordinary Fund Event occurs, or has occurred, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner;

**"Final Calculation Date"** means the date specified as such in the applicable Final Terms;

**"Fund"** means each Mutual Fund, Hedge Fund or Private Equity Fund or, in the case of a Fund Index, each Fund Index Component comprised in such Fund Index;

**"Fund Basket"** means, where the Fund Securities are linked to the performance of Fund Shares of more than one Fund or more than one Fund Index, a basket comprising such Fund Shares or Fund Indices, as the case may be;

**"Fund Business Day"** means either (i) with respect to a single Fund, Fund Business Day (Single Fund Share Basis), or (ii) in respect of a Fund Basket or a Fund Index, either Fund Business Day (All Fund Shares Basis) or Fund Business Day (Per Fund Share Basis) as specified in the applicable Final Terms, provided that, if no such specification is made in the applicable Final Terms, Fund Business Day (Per Fund Share Basis) shall apply;

**"Fund Business Day (All Fund Shares Basis)"** means, with respect to a Fund Basket or a Fund Index, a date (i) that is a Fund Valuation Date for all Fund Shares comprised in the Fund Basket or the Fund Index, as the case may be and (ii) on which the Hedge Provider has, or could have, a subscription or redemption order for each such Fund Share executed at the NAV per Fund Share published by the Fund (or the Fund Service Provider that generally publishes or reports such value) in respect of such Fund Valuation Date;

**"Fund Business Day (Per Fund Share Basis)"** means, with respect to a Fund Share, a date (i) that is a Fund Valuation Date in respect of such Fund Share and (ii) on which the Hedge Provider has, or could have, a subscription or redemption order for the Fund Shares executed at the NAV per Fund Share published by the Fund (or the Fund Service Provider that generally publishes or reports such value) in respect of such Fund Valuation Date;

**"Fund Business Day (Single Fund Share Basis)"** means with respect to a Fund Share, a date (i) that is a Fund Valuation Date and (ii) on which the Hedge Provider has, or could have, a subscription or redemption order for the Fund Shares executed at the NAV per Fund Share published by the Fund (or the Fund Service Provider that generally publishes or reports such value) in respect of such Fund Valuation Date;

**"Fund Documents"** means, with respect to any Fund Share, the offering document of the relevant Fund in effect on the Hedging Date specifying, among other matters, the terms and conditions relating to such Fund Share and, for the avoidance of doubt, any other documents or agreements in respect of the Fund, as further described in any Fund Document;

**"Fund Index"** means an index comprising one or more funds (each such Fund comprising a Fund Index a **"Fund Index Component"**) and specified as a Fund Index in the applicable Final Terms;

**"Fund Index Sponsor"** means the entity that publishes or announces (directly or through an agent) the level of the Fund Index, which as of the Issue Date is the index sponsor specified in respect of a Fund Index in the applicable Final Terms;

**"Fund Service Provider"** means, in respect of any Fund, any person who is appointed to provide services, directly or indirectly, in respect of such Fund, whether or not specified in the Fund Documents,

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

including any advisor, manager, administrator, operator, management company, depository, custodian, sub-custodian, prime broker, administrator, trustee, registrar and transfer agent, domiciliary agent, sponsor or general partner and any other person specified as such in the applicable Final Terms;

**"Fund Share(s)"** means (i) an ownership interest issued to or held by an investor in a Fund or any other interest specified as such in the applicable Final Terms, or (ii) in the case of a Fund Index, the shares (or other ownership interest) in a Fund Index Component comprised in each such Fund Index;

**"Fund Valuation Date"** means any date as of which, in accordance with the Fund Documents, the Fund (or the Fund Service Provider that generally determines such value) is or but for the occurrence of an Extraordinary Fund Event would have been scheduled to determine the NAV per Fund Share;

**"Hedge Fund"** means the hedge fund(s) specified as such in the applicable Final Terms;

**"Hedge Provider"** means the party (being, *inter alios*, the Issuer, the Guarantor (if applicable), the Calculation Agent, an Affiliate or any third party) from time to time who hedges the Issuer's obligations in respect of the Securities or where no such party actually hedges such obligations, a Hypothetical Investor, who shall be deemed to enter into transactions as if hedging such obligations. The Hedge Provider will hold or be deemed to hold such number of Fund Shares, or enter or be deemed to enter into any agreement to purchase or deliver, or pay an amount linked to the performance of, such number of Fund Shares as it (or in the case of a Hypothetical Investor, the Calculation Agent) considers would be held by a prudent issuer as a hedge for its exposure under the relevant Securities;

**"Hedging Date"** has the meaning given to it in the applicable Final Terms;

**"Hypothetical Investor"** means a hypothetical or actual investor (as determined by the Calculation Agent in the context of the relevant situation) in a Fund Share which is deemed to have the benefits and obligations, as provided in the relevant Fund Documents, of an investor holding a Fund Share at the relevant time. The Hypothetical Investor may be deemed by the Calculation Agent to be resident or organised in any jurisdiction, and to be, without limitation, the Issuer, the Guarantor (if applicable), the Calculation Agent or any of their affiliates (as determined by the Calculation Agent in the context of the relevant situation);

**"Implied Embedded Option Value"** means an amount (which may never be less than zero) equal to the present value as of the Implied Embedded Option Value Determination Date of any scheduled but unpaid payments under the Securities in respect of the period from (and including) the Extraordinary Fund Event Effective Date to (and including) the Redemption Date, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner but, notwithstanding anything to the contrary contained herein, taking into account, without limitation, such factors as the net proceeds actually received from the redemption or sale of any Fund Shares by the Hedge Provider, the volatility of the Fund Shares and any transaction costs;

**"Implied Embedded Option Value Determination Date"** means the date determined by the Calculation Agent to be the earlier of (a) the date on which the Hedge Provider receives redemption proceeds in full in respect of its holding of Fund Shares (which for the avoidance of doubt, may be later than the scheduled Redemption Date) or (b) the Delayed Payment Cut-off Date;

**"Initial Calculation Date"** means the date specified as such in the applicable Final Terms, or if not so specified, the Hedging Date;

**"Maximum Days of Disruption"** means the number of Fund Business Days specified in the applicable Final Terms, or if not so specified, 10 Fund Business Days;

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

**"Merger Event"** means, in respect of any relevant Shares and Entity (as defined below), any (i) reclassification or change of such Shares that results in a transfer of or an irrevocable commitment to transfer all of such Shares outstanding to another entity or person, (ii) consolidation, amalgamation, merger or binding share/unit/interest exchange of an Entity with or into another entity or person (other than a consolidation, amalgamation, merger or binding share/unit/interest exchange in which such Entity, is the continuing entity and which does not result in a reclassification or change of all of such Shares outstanding), (iii) takeover offer, tender offer, exchange offer, solicitation, proposal or other event by any entity or person to purchase or otherwise obtain 100 per cent. of the outstanding Shares of an Entity that results in a transfer of or an irrevocable commitment to transfer all such Shares (other than such Shares owned or controlled by such other entity or person), or (iv) consolidation, amalgamation, merger or binding share/unit/interest exchange of an Entity or its subsidiaries with or into another entity in which the Entity is the continuing entity and which does not result in a reclassification or change of all such Shares outstanding but results in the outstanding Shares (other than Shares owned or controlled by such other entity) immediately prior to such event collectively representing less than 50 per cent. of the outstanding Shares immediately following such event, in each case if the Extraordinary Fund Event Effective Date, as determined by the Calculation Agent, is on or before the Final Calculation Date. For the purposes of this definition of "Merger Event" only, "**Shares**" shall mean the applicable Fund Shares or the shares of any applicable Fund Service Provider, as the context may require, and "**Entity**" shall mean the applicable Fund or any applicable Fund Service Provider, as the context may require;

**"Mutual Fund"** means the mutual fund(s) specified as such in the applicable Final Terms;

**"NAV per Fund Share"** means, with respect to the relevant Fund Shares and a Fund Business Day, (i) the net asset value per Fund Share as of the related Fund Valuation Date, as reported by the Fund Service Provider that generally publishes or reports such value on behalf of the Fund to its investors or a publishing service, or (ii) if the Fund Service Provider of the Fund publishes or reports only the aggregate net asset value of the Fund Shares, the net asset value per Fund Share calculated by the Calculation Agent on the basis of such aggregate net asset value of the Fund Shares divided by the number of Fund Shares issued and outstanding as of the related Fund Valuation Date;

**"NAV Trigger Event"** means, in respect of the Fund Shares, that (i) the NAV per Fund Share has decreased by an amount equal to, or greater than, the NAV Trigger Percentage(s) at any time during the related NAV Trigger Period, or (ii) the Fund has violated any leverage restriction that is applicable to, or affecting, such Fund or its assets by operation of any law, any order or judgement of any court or other agency of government applicable to it or any of its assets, the Fund Documents or any other contractual restriction binding on or affecting the Fund or any of its assets;

**"NAV Trigger Percentage"** means the percentage specified in the applicable Final Terms or, if not so specified, with respect to (i) a Mutual Fund 50 per cent., or (ii) a Hedge Fund 50 per cent.;

**"NAV Trigger Period"** means the period specified in the applicable Final Terms, or if not so specified the period from and including the Initial Calculation Date to and including the Final Calculation Date;

**"Non-Principal Protected Termination Amount"** means an amount per Security determined by the sum of:

- (a) the Implied Embedded Option Value; and
- (b) if Delayed Redemption on Occurrence of an Extraordinary Fund Event is specified as being applicable in the applicable Final Terms, the Simple Interest;

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

**"Number of NAV Publication Days"** means the number of calendar days specified in the applicable Final Terms or if not so specified, with respect to (i) a Mutual Fund, 5 calendar days, or (ii) a Hedge Fund, 10 calendar days;

**"Observation Date"** means each date specified as an Observation Date in the applicable Final Terms, or if any such date is not a Fund Business Day, the immediately succeeding Fund Business Day;

**"Principal Protected Termination Amount"** means an amount per Security determined as:

- (a) if Delayed Redemption on Occurrence of an Extraordinary Fund Event is specified as being applicable in the applicable Final Terms:
  - (i) the greater of:
    - (A) the Protected Amount; and
    - (B) the Implied Embedded Option Value; and
  - (ii) the Simple Interest; or
- (b) if Delayed Redemption on Occurrence of an Extraordinary Fund Event is not specified as being applicable in the applicable Final Terms, the Implied Embedded Option Value;

**"Protected Amount"** means the amount specified as such in the applicable Final Terms;

**"Private Equity Fund"** means the private equity fund(s) specified as such in the applicable Final Terms;

**"Scheduled Trading Day"** means, if the Securities are Hybrid Securities and Hybrid Business Day is specified as applicable in the applicable Final Terms, for the purpose of determining whether a day is a Hybrid Business Day, a Fund Business Day;

**"Settlement Price"** means, in relation to each Cash Settled Security, subject to the provisions of this Annex and as referred to in "Valuation Date" or "Averaging Date" or "Observation Date", as the case may be:

- (a) in the case of Fund Securities relating to a Basket of Fund Indices and in respect of each Fund Index comprising the Basket of Fund Indices, an amount (which shall be deemed to be a monetary value in the Fund Index Currency) equal to the official level for each such Fund Index published by the Fund Index Sponsor as determined by the Calculation Agent or, if so specified in the applicable Final Terms, the level of each such Fund Index determined by the Calculation Agent at the Valuation Time on (a) if Averaging is not specified in the applicable Final Terms, the Strike Date, Observation Date or the Valuation Date, as the case maybe, or (b) if Averaging is specified in the applicable Final Terms, an Averaging Date and, in either case, multiplied by the relevant Weighting; and
- (b) in the case of Fund Securities relating to a single Fund Index, an amount equal to the official level of the Fund Index published by the Fund Index Sponsor as determined by the Calculation Agent or, if so specified in the applicable Final Terms, the level of the Fund Index determined by the Calculation Agent at the Valuation Time on (a) if Averaging is not specified in the applicable Final Terms, the Strike Date, Observation Date or the Valuation Date, as the case maybe, or (b) if Averaging is specified in the applicable Final Terms, an Averaging Date;

**"Settlement Price Date"** means the Strike Date, an Averaging Date, an Observation Date or the Valuation Date, as the case may be;

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

**"Simple Interest"** means an amount calculated by the Calculation Agent equal to the amount of interest that would accrue on the Implied Embedded Option Value during the period from (and including) the Implied Embedded Option Value Determination Date to (and excluding) the later of (i) the Redemption Date or (ii) the date falling five Business Days after the Implied Embedded Option Value Determination Date calculated on the basis that such interest were payable by the Floating Rate Payer under an interest rate swap transaction incorporating the 2006 ISDA Definitions (the **"ISDA Definitions"**) published by the International Swaps and Derivatives Association, Inc. (as amended or supplemented as at the Issue Date of the Securities provided that, the Calculation Agent may, acting in good faith and in a commercially reasonable manner, select any successor or replacement definitional booklet to the 2006 ISDA Definitions (as supplemented from time to time for interest rate derivatives), in which case ISDA Definitions will mean any such successor or replacement definitional booklet to the 2006 ISDA Definitions ) under which:

- (a) the "Effective Date" is the Implied Embedded Option Value Determination Date;
- (b) the "Termination Date" is the Termination Date;
- (c) the "Floating Rate Payer Payment Date" is the Termination Date;
- (d) the "Floating Rate Option" is EUR-EONIA-Swap Index (if the Settlement Currency is EUR) or USD-Federal Funds-H.15 (if the Settlement Currency is USD);
- (e) the "Simple Interest Spread" is as specified in the applicable Final Terms, or if not so specified minus 0.125 per cent.;
- (f) the "Floating Rate Day Count Fraction" is Actual/360;
- (g) the "Reset Date" is the Implied Embedded Option Value Determination Date and each date falling three calendar months after the previous Reset Date; and
- (h) "Compounding" is "Inapplicable";

**"Strike Date"** means the Strike Date specified as such in the applicable Final Terms or, if such day is not a Fund Business Day, the immediately succeeding Fund Business Day;

**"Strike Day"** means each date specified as such in the applicable Final Terms or, if such day is not a Fund Business Day, the immediately succeeding Fund Business Day;

**"Strike Period"** means the period specified as such in the applicable Final Terms;

**"Tender Offer"** means a takeover offer, tender offer, exchange offer, solicitation, proposal or other event by any entity or person that results in such entity or person purchasing, or otherwise obtaining or having the right to obtain, by conversion or other means, greater than 50 per cent. and less than 100 per cent. of the outstanding voting shares, units or interests of the Fund or Fund Service Provider, as determined by the Calculation Agent, based upon the making of filings with governmental or self-regulatory agencies or such other information as the Calculation Agent deems relevant;

**"Termination Amount"** means:

- (a) unless Highest Value, Market Value or Monetisation Option are specified in the applicable Final Terms as applicable:
  - (i) the amount specified in the applicable Final Terms;

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

- (ii) the Principal Protected Termination Amount; or
- (iii) the Non-Principal Protected Termination Amount,

in each case, as specified in the applicable Final Terms, such amount to be payable on the Termination Date; or

- (b) if Highest Value is specified as applicable in the applicable Final Terms, an amount in respect of each Security calculated and paid on such date determined, in accordance with Security Condition 34.12(a); or
- (c) if Market Value is specified as applicable in the applicable Final Terms, an amount in respect of each Security calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or
- (d) if Monetisation Option is specified as applicable in the applicable Final Terms, an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(c);
- (e) if the Calculation Agent determines that the relevant Extraordinary Fund Event or combination of Extraordinary Fund Events constitutes a force majeure, and if Fund Event Force Majeure is specified as applicable in the applicable Final Terms, an amount in respect of each Security, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption;

**"Termination Date"** means (i) the date determined by the Issuer as provided herein and specified in the notice given to Holders in accordance with Fund Security Condition 4.2(c), or (ii) if Delayed Redemption on Occurrence of an Extraordinary Fund Event is specified as being applicable in the applicable Final Terms, the Redemption Date;

**"Trade Date"** has the meaning given to it in the applicable Final Terms; and

**"Valuation Date"** means the Interest Valuation Date and/or Redemption Valuation Date, as the case may be, specified in the applicable Final Terms or, if such day is not a Fund Business Day, the immediately succeeding Fund Business Day.

### 2. **Extraordinary Fund Events**

Subject to the provisions of Fund Security Condition 3 (Determination of Extraordinary Fund Events), **"Extraordinary Fund Event"** means the occurrence or continuance at any time on or after the Trade Date of any of the following events as determined by the Calculation Agent:

#### **Global Events:**

- 2.1 the Fund or any Fund Service Provider (i) ceases trading and/or, in the case of a Fund Service Provider, ceases administration, portfolio management, investment services, custodian, prime brokerage, or any other relevant business (as applicable) (ii) is dissolved or has a resolution passed, or there is any proposal, for its dissolution, winding-up, official liquidation (other than pursuant to a consolidation, amalgamation or merger); (iii) makes a general assignment or arrangement with or for the benefit of its creditors; (iv)(1) institutes or has instituted against it, by a regulator, supervisor or any similar official with primary



## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

insolvency, rehabilitative or regulatory jurisdiction over it in the jurisdiction of its incorporation or organisation or the jurisdiction of its head or home office, a proceeding seeking a judgment of insolvency or bankruptcy or any other relief under any bankruptcy or insolvency law or other similar law affecting creditors' rights, or a petition is presented for its winding-up or liquidation by it or such regulator, supervisor or similar official, or (2) has instituted against it a proceeding seeking a judgment of insolvency or bankruptcy or any other relief under any bankruptcy or insolvency law or other similar law affecting creditors' rights, or a petition is presented for its winding-up or liquidation, and such proceeding or petition is instituted or presented by a person or entity not described in sub-clause (iv)(1) above and either (x) results in a judgment of insolvency or bankruptcy or the entry of an order for relief or the making of an order for its winding-up or liquidation or (y) is not immediately dismissed, discharged, stayed or restrained; (v) seeks or becomes subject to the appointment of an administrator, provisional liquidator, conservator, receiver, trustee, custodian or other similar official for it or for all or substantially all its assets; (vi) has a secured party take possession of all or substantially all its assets or has a distress, execution, attachment, sequestration or other legal process levied, enforced or sued on or against all or substantially all its assets and such secured party maintains possession, or any such process is not immediately dismissed, discharged, stayed or restrained; or (vii) causes or is subject to any event with respect to it which, under the applicable laws of any jurisdiction, has an effect analogous to any of the events specified in sub-clauses (i) to (vi) above; or

- 2.2 the occurrence of a Merger Event or Tender Offer;

### **Litigation/Fraudulent Activity Events:**

- 2.3 there exists any litigation against the Fund or a Fund Service Provider which the Calculation Agent determines, acting in good faith and in a commercially reasonable manner, could materially affect the value of the Fund Shares or the rights or remedies of any investor in such Fund Shares; or
- 2.4 (i) an allegation of criminal or fraudulent activity is made in respect of the Fund, or any Fund Service Provider, or any employee of any such entity, or the Calculation Agent reasonably determines that any such criminal or fraudulent activity has occurred, or (ii) any investigative, judicial, administrative or other civil or criminal proceedings is commenced or is threatened against the Fund, any Fund Service Provider or any key personnel of such entities if such allegation, determination, suspicion or proceedings could, in the determination of the Calculation Agent acting in good faith and a commercially reasonable manner, materially affect the value of the Fund Shares or the rights or remedies of any investor in such Fund Shares;

### **Fund Service Provider/Key Person Events:**

- 2.5 (i) a Fund Service Provider ceases to act in such capacity in relation to the Fund and is not immediately replaced in such capacity by a successor acceptable to the Calculation Agent and/or (ii) any event occurs which causes, or will with the passage of time (in the opinion of the Calculation Agent) cause, the failure of the Fund and/or any Fund Service Provider to meet or maintain any obligation or undertaking under the Fund Documents which failure is reasonably likely to have an adverse impact on the value of the Fund Shares or on the rights or remedies of any investor in such Fund Shares; or
- 2.6 one or more of the key individuals involved with, or having supervision over, the Fund or a Fund Service Provider ceases to act in such capacity, and the relevant Fund Service Provider fails to appoint a replacement having similar qualifications to those of the key individual or individuals ceasing to act;

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

### Modification Events:

- 2.7 a material modification of or deviation from any of the investment objectives, investment restrictions, investment process or investment guidelines of the Fund (howsoever described, including the underlying type of assets in which the Fund invests), from those set out in the Fund Documents, or any announcement regarding a potential modification or deviation, except where such modification or deviation is of a formal, minor or technical nature;
- 2.8 a material modification, cancellation or disappearance (howsoever described), or any announcement regarding a potential future material modification, cancellation or disappearance (howsoever described), of the type of assets (i) in which the Fund invests, or (ii) the Fund purports to track;
- 2.9 a material modification, or any announcement regarding a potential future material modification, of the Fund (including but not limited to a material modification of the Fund Documents or to the Fund's liquidity terms) other than a modification or event which does not affect the Fund Shares or the Fund or any portfolio of assets to which the Fund Share relates (either alone or in common with other Fund Shares issued by the Fund);
- 2.10 the creation by the Fund of any illiquid share class or unit howsoever described;
- 2.11 the currency denomination of the Fund Shares is amended from that set out in the Fund Documents so that the NAV per Fund Share is no longer calculated in the same currency as it was as at the Trade Date;
- 2.12 if applicable, the Fund ceases to be an undertaking for collective investments under the legislation of its relevant jurisdiction; or
- 2.13 following the issue or creation of a new class or series (howsoever described in the Fund Documents) of shares or units by the Fund, the Calculation Agent determines taking into consideration the potential cross-liability between classes of shares or units (howsoever described in the Fund Documents) that such new class or series has or may have an adverse effect on the hedging activities of the Hedge Provider in relation to the Securities;

### NAV per Fund Share/AUM Level Events:

- 2.14 a material modification of the method of calculating the NAV per Fund Share;
- 2.15 any change in the periodicity of the calculation or the publication of the NAV per Fund Share;
- 2.16 any suspension of the calculation or publication of the NAV per Fund Share;
- 2.17 the occurrence of any event affecting a Fund Share that the Calculation Agent determines, acting in good faith and in a commercially reasonable manner, would make it impossible or impracticable for the Calculation Agent to determine the NAV per Fund Share;
- 2.18 any of the Fund, any Fund Service Provider or any other party acting on behalf of the Fund fails for any reason to calculate and publish the NAV per Fund Share within the Number of NAV Publication Days following any date scheduled for the determination of the valuation of the Fund Shares unless the cause of such failure to publish is of a technical nature and outside the immediate and direct control of the entity responsible for such publication;
- 2.19 any Fund Service Provider uses asset prices provided by the investment manager (howsoever described in the Fund Documents) to calculate the NAV per Fund Share when such asset prices could have been

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

obtained from independent sources and the asset prices from independent sources materially diverge from the asset prices provided by the investment manager (howsoever described in the Fund Documents);

- 2.20 the assets under management of the Fund falls below the AUM Level;
- 2.21 (i) the Calculation Agent determines, at any time, that the NAV per Fund Share is inaccurate, or (ii) the reported net asset value of the Fund Shares misrepresents the net asset value of the Fund Shares;
- 2.22 a NAV Trigger Event occurs; or
- 2.23 (i) in the case of a Hedge Fund only, the audited net asset value of the Fund and/or the NAV per Fund Share is different from the audited net asset value of the Fund and/or the NAV per Fund Share communicated by the relevant Fund Service Provider in respect of the same date, (ii) the auditors of the Fund qualify any audit report, or refuse to provide an unqualified audit report, in respect of the Fund, and/or (iii) the Calculation Agent, acting in good faith and in a commercially reasonable manner, does not deem the audited net asset value of the Fund and/or the NAV per Fund Share to be representative of the actual net asset value of the Fund and/or the NAV per Fund Share;

### **Reporting Events:**

- 2.24 any failure of the Fund, or its authorised representative, to deliver or publish, or cause to be delivered or published, (i) information that the Fund has agreed to deliver or publish, or agreed to cause to be delivered or published, to the Calculation Agent or Hedge Provider, or (ii) information that has been previously delivered to the Hedge Provider or the Calculation Agent, as applicable, in accordance with the Fund's, or its authorised representative's, normal practice and that the Hedge Provider deems necessary for it or the Calculation Agent, as applicable, to monitor such Fund's compliance with any investment guidelines, asset allocation methodologies or any other similar policies relating to the Fund Share; or
- 2.25 any Fund Service Provider fails to provide the Calculation Agent, within a reasonable time, with any information that the Calculation Agent has reasonably requested regarding the investment portfolio or other activities or undertakings of the Fund;

### **Tax/Law/Accounting/Regulatory Events:**

- 2.26 there is a change in or in the official interpretation or administration of any laws or regulations relating to taxation that has or is likely to have a material adverse effect on any hedging arrangements entered into by any Hedge Provider in respect of the Securities (a "**Tax Event**") and, subject as provided below, the Hedge Provider has, for a period of one calendar month following the day the relevant Tax Event became known to it, used reasonable efforts to mitigate the material adverse effect of the Tax Event by seeking to transfer such hedging arrangements to an affiliated company, provided that the Hedge Provider shall not under any circumstances be obliged to take any steps which would result in sustaining a loss or expense of any kind and the period set out above for such mitigation shall be deemed satisfied on any date it is or becomes apparent at any time that there is no practicable means of mitigating the Tax Event; or
- 2.27 (i) any relevant activities of or in relation to the Fund or a Fund Service Provider are or become unlawful, illegal or otherwise prohibited in whole or in part as a result of compliance with any present or future law, regulation, judgment, order or directive of any governmental, administrative, legislative or judicial authority or power, or in the interpretation thereof, in any applicable jurisdiction (including, but not limited to, any cancellation, suspension or revocation of the registration or approval of the Fund by any governmental, legal or regulatory entity with authority over the Fund), (ii) a relevant authorisation or licence is revoked, lapses or is under review by a competent authority in respect of the Fund or a Fund

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

Service Provider or new conditions are imposed, or existing conditions varied, with respect to any such authorisation or licence, (iii) the Fund is required by a competent authority to redeem any Fund Shares, (iv) the Hedge Provider is required by a competent authority or any other relevant entity to dispose of or compulsorily redeem any Fund Shares held in connection with any hedging arrangements relating to the Securities and/or (v) any change in the legal, tax, accounting or regulatory treatment of the Fund or any Fund Service Provider that is reasonably likely to have an adverse impact on the value of the Fund Shares or other activities or undertakings of the Fund or on the rights or remedies of any investor in such Fund Shares, including any Hedge Provider;

### **Hedging/Impracticality/Increased Costs Events:**

- 2.28 in connection with any hedging activities in relation to the Securities, as a result of any adoption of, or any change in, any law, order, regulation, decree or notice, howsoever described, after the Trade Date, or issuance of any directive or promulgation of, or any change in the interpretation, whether formal or informal, by any court, tribunal, regulatory authority or similar administrative or judicial body of any law, order, regulation, decree or notice, howsoever described, after such date or as a result of any other relevant event (each a "**Relevant Event**") (i) it would become unlawful or impractical for the Hedge Provider to hold (including, without limitation, circumstances requiring the Hedge Provider to modify any reserve, special deposit, or similar requirement or that would adversely affect the amount or cost of regulatory capital that would have to be maintained in respect of any holding of Fund Shares or that would subject a holder of the Fund Shares or the Hedge Provider to any loss), purchase or sell the relevant Fund Shares or any underlying assets of or related to the Fund or for the Hedge Provider to maintain such hedging arrangements and, (ii) subject as provided below, the Hedge Provider has, for a period of one calendar week following the day the Relevant Event became known to it, used reasonable efforts to mitigate the effect of the Relevant Event by seeking to transfer such hedging arrangements to an affiliated company, provided that the Hedge Provider shall not under any circumstances be obliged to take any steps which would result in sustaining a loss or expense of any kind and the period of one calendar week set out above shall be deemed satisfied on any date it is or becomes at any time apparent that there is no practicable means of mitigating the Relevant Event;
- 2.29 in connection with the hedging activities in relation to the Securities, if the cost to the Hedge Provider in relation to the Securities and the related hedging arrangements (including, but not limited to, new or increased taxes, duties, expenses or fees (or the combined effect thereof if occurring more than once)) would be materially increased or the Hedge Provider would be subject to a material loss relating to the Securities and the related hedging arrangements;
- 2.30 in connection with the hedging activities in relation to the Securities, the Hedge Provider is unable or it becomes impractical for the Hedge Provider, to (i) acquire, establish, re-establish, substitute, maintain, unwind or dispose of any transaction or asset it deems necessary to hedge the Issuer's obligations under the Securities or (ii) to realise, recover or remit the proceeds of any such transaction or asset, including, without limitation, where such inability or impracticability has arisen by reason of (A) any restrictions or increase in charges or fees imposed by the Fund on any investor's ability to redeem a Fund Share, in whole or in part, or any existing or new investor's ability to make new or additional investments in such Fund Share, or (B) any mandatory redemption, in whole or in part, of such Fund Share;
- 2.31 at any time on or after the Trade Date of the first issue of the Series, the Hedge Provider directly or indirectly acquires any ownership interest in or sponsors a covered fund that is not subject to an exemption under 12 U.S.C. §1851 (the "**U.S. Volcker Rule**");

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

- 2.32 at any time on or after the Trade Date, the Issuer and/or any of its Affiliates would incur an increased (as compared with circumstances existing on the Trade Date) amount of tax, duty, capital and/or funding costs, expense or fee (other than brokerage commissions) to maintain the Securities; or
- 2.33 at any time on or after the Trade Date of the first issue of the Series, (i) the Hedge Provider unintentionally acquires directly or indirectly any ownership interest in a Fund that exceeds 10 per cent. of the total assets under management or (ii) as a consequence of changes in the performance, size, investment strategy or liquidity of a Fund, the Hedge Provider holds an ownership interest in such Fund that exceeds 10 per cent. of the total assets under management;

### Dealing Events:

- 2.34 (i) the non-execution or partial-execution by the Fund for any reason of a subscription or redemption order in respect of any Fund Shares (including, for the avoidance of any doubt, any non-execution by the Fund pending completion of its fiscal audit) (ii) the Fund suspends or refuses transfers of any of its Fund Shares (including, without limitation, if the Fund applies any gating, deferral, suspension or other similar provisions permitting the Fund to delay or refuse redemption or transfer of Fund Shares), (iii) the Fund imposes in whole or in part any restriction (including, without limitation, any redemption in specie), charge or fee in respect of a redemption or subscription of its Fund Shares by the Hedge Provider or exercises its right to claw back the proceeds already paid on redeemed Fund Shares, if in any case it could in the determination of the Calculation Agent acting in good faith and in a commercially reasonable manner have an adverse impact on the Hedge Provider's rights or obligations in relation to its hedging activities in relation to the Securities, or (iv) a mandatory redemption, in whole or in part, of the Fund Shares is imposed by the Fund on any one or more holders of Fund Shares at any time for any reason;

### Miscellaneous Events:

- 2.35 in the case of Securities linked to a Fund Basket or a Fund Index, a Basket Trigger Event occurs;
- 2.36 the Fund or any Fund Service Provider defaults under, materially modifies, or terminates any rebate agreements in place with the Issuer, the Hedge Provider or any of its Affiliates;
- 2.37 if the Fund is part of an umbrella structure with more than one sub-fund, a cross-contamination or other failure to segregate the portfolio of assets held by the Fund occurs between different series, classes and/or sub-funds;
- 2.38 any security granted by the Fund or any Fund Service Provider over any of its assets is enforced or becomes capable of being enforced or any arrangement which in the determination of the Calculation Agent is comparable to security over any such assets (including without limitation any repo or prime brokerage arrangement) becomes enforceable or capable of early termination or any derivatives, repo, securities lending or other trading or dealing arrangement relating to the assets of the Fund becomes enforceable or terminable early by reason of any event of default (howsoever described) relating to the Fund or the relevant Fund Service Provider; or
- 2.39 the long-term unsecured, unsubordinated and unguaranteed debt rating assigned to any Fund Service Provider or any parent company (howsoever described) of the Fund, by Moody's Investors Service Inc., or any successor to the ratings business thereof ("**Moody's**"), and/or Standard and Poor's Rating Group (a division of McGraw-Hill, Inc.), or any successor to the ratings business thereof ("**S&P**"), is downgraded below A (S&P) or A2 (Moody's) and/or the short-term unsecured, unsubordinated and unguaranteed debt rating assigned to any Fund Service Provider by Moody's or S&P is downgraded below A-1 (S&P) or P-1 (Moody's).

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

References solely in this Fund Security Condition 2 (Extraordinary Fund Events) to:

- (i) **"Fund"** shall include the Fund and any funds in which it invests any of its investible assets from time to time; and
- (ii) **"Fund Shares"** shall include the Fund Shares and the shares or units in any Fund (as defined in paragraph (i) above).

All of the events listed in this Fund Security Condition 2 (Extraordinary Fund Events) will constitute an Extraordinary Fund Event, unless SC/FM Fund Events is specified as applicable in the applicable Final Terms, in which case the events described in Fund Security Conditions 2.13, 2.17, 2.26, 2.27(iv), 2.27(v), 2.28, 2.29, 2.30, 2.31, 2.32, 2.33 and 2.34(iii) will not constitute an Extraordinary Fund Event.

### 3. **Determination of Extraordinary Fund Events**

The Calculation Agent will determine if an Extraordinary Fund Event has occurred acting in good faith and in a commercially reasonable manner. Where the occurrence of an event or set of circumstances is capable of triggering more than one Extraordinary Fund Event, the Issuer may determine which Extraordinary Fund Event is to be triggered.

In considering whether the occurrence of an event or set of circumstances triggers an Extraordinary Fund Event, the Calculation Agent may have regard to the combined effect, from the Trade Date, of any event or set of circumstances, as the case may be, if such event or set of circumstances occurs more than once.

### 4. **Consequences of an Extraordinary Fund Event**

- 4.1 If the Calculation Agent determines that an Extraordinary Fund Event has occurred, the Calculation Agent shall give notice (an **"Extraordinary Fund Event Notice"**) to the Holders in accordance with Security Condition 10 (which notice shall be irrevocable), of the occurrence of such Extraordinary Fund Event (the date on which an Extraordinary Fund Event Notice is given, an **"Extraordinary Fund Event Notification Date"**) as soon as reasonably practicable following the determination of an Extraordinary Fund Event. The Extraordinary Fund Event Notice shall set out, if determined at that time, the action that the Issuer has determined to take in respect of the Extraordinary Fund Event pursuant to Fund Security Condition 4.2 (in the case of a Fund that is not a Fund Index Component) or Fund Security Condition 4.3 (in the case of a Fund that is a Fund Index Component). Where the action that the Issuer has determined to take is not, for whatever reason, set out in the Extraordinary Fund Event Notice, the action that the Issuer has determined to take shall be set out in a subsequent notice given to Holders in accordance with Security Condition 10 as soon as reasonably practicable after the Extraordinary Fund Event Notification Date.

Neither the Issuer nor the Calculation Agent shall be responsible for any loss, underperformance or opportunity cost suffered or incurred by any Holder or any other person in connection with the Securities as a result of any delay in notifying Holders of the occurrence of an Extraordinary Fund Event, howsoever arising. If the Calculation Agent gives an Extraordinary Fund Event Notice, the Issuer shall have no obligation to make any payment or delivery in respect of the Securities until the Issuer has determined the action that it has determined to take pursuant to Fund Security Condition 4.2 or Fund Security Condition 4.3, as the case may be.

- 4.2 In the case of a Fund that is not a Fund Index Component, following the occurrence of an Extraordinary Fund Event, the Issuer may take the action described below in 4.2(a), (b) or (c) provided that, if the Calculation Agent determines that an Extraordinary Fund Event has occurred or is continuing on the Delayed Payment Cut-off Date in accordance with the provisions of Fund Security Condition 5 below,

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

the Issuer shall determine that the action to be taken in respect of the Extraordinary Fund Event is "**Termination**".

(a) Adjustment

If the Issuer determines that the action to be taken in respect of the Extraordinary Fund Event is to be "**Adjustment**", then the Calculation Agent may determine, acting in good faith and in a commercially reasonable manner, the appropriate adjustment(s), if any, to be made to any one or more Fund, Fund Share and/or the Weighting and/or any of the other terms of these Terms and Conditions and/or the applicable Final Terms to take account of the Extraordinary Fund Event and determine the effective date of such adjustment.

(b) Substitution

If the Issuer determines that the action in respect of the Extraordinary Fund Event is to be "**Substitution**", the Calculation Agent shall:

- (i) determine the weighted average price at which a Hypothetical Investor can redeem the Fund Shares in the relevant Fund (the "**Affected Fund**") in such number as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner as soon as it is reasonably practicable following the Extraordinary Fund Event;
- (ii) for a period of not longer than 14 calendar days following the date on which a Hypothetical Investor would have received proceeds from a redemption order in full submitted by the Hedge Provider as soon as practicable following the occurrence of an Extraordinary Fund Event, use reasonable efforts to substitute the Fund Shares with shares, units or other similar interests in an alternative fund which, in the determination of the Calculation Agent (acting in good faith and in a commercially reasonable manner), has similar characteristics to the Affected Fund, including but not limited to, comparable investment objectives, investment restrictions and investment processes and has service providers acceptable to the Calculation Agent;
- (iii) if no alternative fund can be determined pursuant to the preceding sub-paragraph (ii) above, use reasonable efforts to substitute the Fund with an index (or a fund tracking such index) selected by the Calculation Agent acting in good faith and in a commercially reasonable manner; and
- (iv) following any substitution in accordance with sub-paragraph (ii) or (iii) above, the Issuer may require the Calculation Agent make such determinations and/or adjustments to these Terms and Conditions and/or the Final Terms as it determines to be appropriate to take account of such Substitution.

(c) Termination

If the Issuer determines that the action to be taken in respect of the Extraordinary Fund Event is to be "**Termination**", on giving notice to Holders in accordance with Security Condition 10 (which such notice may be included in the Extraordinary Fund Event Notice in respect of the relevant Extraordinary Fund Event and will specify the Termination Date), all but not some only of the outstanding Securities shall be redeemed by payment of the Termination Amount on the Termination Date, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10.

- 4.3 In the case of a Fund that is a Fund Index Component, following the occurrence of an Extraordinary Fund Event, the Issuer may take the action described below in 4.3(a), (b) or (c):

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

- (a) if the Extraordinary Fund Event occurs or is subsisting on a Settlement Price Date, require the Calculation Agent to determine the relevant index level and the Settlement Price for such date using the NAV per Fund Share for each Fund Index Component comprising the relevant Fund Index in accordance with (A) and (B) below in accordance with the formula for and method of calculating the index level on the date on which the Extraordinary Fund Event occurs;
  - (i) with respect to each Fund Index Component which is not affected by an Extraordinary Fund Event, the index level will be calculated using the NAV per Fund Share of such Fund Index Component on the relevant Settlement Price Date; and
  - (ii) with respect to each Fund Index Component which is affected by an Extraordinary Fund Event (each an "**Affected Fund Index Component**"), the index level will be calculated using the NAV per Fund Share of such Fund Index Component on the first Fund Business Day following the relevant Settlement Price Date on which no Extraordinary Fund Event occurs or is subsisting with respect to the Affected Fund Index Component, unless an Extraordinary Fund Event in respect of the Affected Fund Index Component is occurring for the number of consecutive Fund Business Days equal to the Maximum Days of Disruption immediately following the relevant Settlement Price Date. In that case the last such consecutive Fund Business Day shall be deemed to be the Settlement Price Date for the Affected Fund Index Component, notwithstanding the Extraordinary Fund Event and the Calculation Agent will determine the price of the Affected Fund Index Component based upon the price at which a Hypothetical Investor can sell or otherwise realise any hedge positions in respect of an Affected Fund Index Component during the period of five Fund Business Days following such Settlement Price Date;
- (b) require the Calculation Agent to use reasonable efforts to substitute the Fund Index that includes the Affected Fund Index Component (the "**Affected Fund Index**") with an alternative fund index which, in the determination of the Calculation Agent (acting in good faith and in a commercially reasonable manner) measures the same (or a substantially similar, market or economic reality as the Affected Fund Index, including, but not limited to, the method of calculation; or
- (c) on giving notice to Holders in accordance with Security Condition 10 (which such notice may be included in the Extraordinary Fund Event Notice in respect of the relevant Extraordinary Fund Event), redeem all but not some only of the outstanding Securities by payment of the Termination Amount on the date determined as set out in the definition of Termination Amount, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10.

4.4 In determining to take a particular action as a result of an Extraordinary Fund Event, the Issuer is under no duty to consider the interests of Holders or any other person. In making any determination as to which action to take following the occurrence of an Extraordinary Fund Event, neither the Issuer nor the Calculation Agent shall be responsible for any loss (including any liability in respect of loss of interest), underperformance or opportunity cost suffered or incurred by Holders or any other person in connection with the Securities as a result thereof, howsoever arising including as a result of any delay in making any payment or delivery in respect of the Securities.

### 5. **Redemption Date/Automatic Early Redemption Date/Termination Date Extension**



## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

In the case of Cash Settled Securities, if on the date falling two Business Days prior to the originally designated Redemption Date or Automatic Early Redemption Date, as the case may be, the Hedge Provider has not, after having placed one or more redemption orders in respect of its holding of Fund Shares in accordance with the terms of the relevant Fund Documents, received redemption proceeds in full in respect of such Fund Shares (the "**Redemption Proceeds**"), the Calculation Agent may postpone the Redemption Date or Automatic Early Redemption Date, as the case may be, and notify the Holders thereof in accordance with Security Condition 10.

As soon as practicable following receipt by the Hedge Provider of the Redemption Proceeds the Calculation Agent shall give notice to Holders in accordance with Security Condition 10 (such notice the "**Delayed Payment Notice**") and redeem the Securities on the date falling not more than five Business Days following the receipt of the Delayed Payment Notice (such date, the "**Postponed Settlement Date**") by payment to each Holder of the Cash Settlement Amount, the Automatic Early Redemption Amount, provided that, if the Hedge Provider does not receive the Redemption Proceeds within the period ending on (and including) the Delayed Payment Cut-off Date, the Calculation Agent shall determine that an Extraordinary Fund Event has occurred and is continuing on the Delayed Payment Cut-off Date and shall notify Holders thereof in accordance with the procedures set out in Fund Security Condition 4 above, and in accordance with Security Condition 10 and the provisions of Fund Security Condition 4.2(c) shall apply.

In the case of interest bearing Securities or Securities which pay a Premium Amount, if on the date falling two Business Days prior to an Interest Payment Date or Premium Amount Payment Date, as applicable, the Hedge Provider has not, after having placed one or more redemption orders in respect of its holding of Fund Shares in accordance with the terms of the relevant Fund Documents, received redemption proceeds in full in respect of such Fund Shares (the "**Redemption Proceeds**"), the Calculation Agent may notify the Holders in accordance with Security Condition 10 that such Interest Payment Date or Premium Amount Payment Date, as the case may be, has been postponed. As soon as practicable following receipt by the Hedge Provider of the Redemption Proceeds the Calculation Agent shall give notice to Holders in accordance with Security Condition 10 (such notice the "**Delayed Payment Notice**") and the Issuer shall pay the Interest Amount or Premium Amount in respect of the Interest Period or Premium Amount Period, as the case may be, ending on or immediately preceding the Interest Payment Date or Premium Amount Payment Date, as the case may be, on the date falling not more than five Business Days following the receipt of the Delayed Payment Notice (such date, the "**Postponed Payment Date**") and no additional amount shall be payable in respect of such delay, provided that, if the Hedge Provider does not receive the Redemption Proceeds within the period ending on (and including) the Delayed Payment Cut-off Date, the Calculation Agent shall determine that an Extraordinary Fund Event has occurred and is continuing on the Delayed Payment Cut-off Date and shall notify Holders thereof in accordance with the procedures set out in Fund Security Condition 4 above, and in accordance with Security Condition 10 and the provisions of Fund Security Condition 4.2(c) shall apply.

### 6. Fund Index Adjustment Event

If (a) on or prior to any Settlement Price Date, the relevant Fund Index Sponsor makes or announces that it will make a material change in the formula for or the method of calculating a relevant Fund Index or in any other way materially modifies that Fund Index (other than a modification prescribed in that formula or method to maintain the Fund Index in the event of changes in the Fund Index Components and other routine events) (a "**Fund Index Modification**"), or permanently cancels a relevant Fund Index and no successor Fund Index exists (a "**Fund Index Cancellation**"), or (b) on any Settlement Price Date, the Fund Index Sponsor or (if applicable) the successor Fund Index Sponsor fails to calculate and announce a relevant Fund Index (a "**Fund Index Disruption**") and, together with a Fund Index

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

Modification and a Fund Index Cancellation, each a "**Fund Index Adjustment Event**"), then except as may be limited in the case of U.S. Securities:

- (i) the Calculation Agent shall determine if such Fund Index Adjustment Event has a material effect on the Securities and, if so, shall calculate the relevant value, level or price using, in lieu of a published level for that Fund Index, the level for that Fund Index as at the Valuation Time on such Settlement Price Date, as determined by the Calculation Agent in accordance with the formula for and method of calculating that Fund Index last in effect prior to the change, failure or cancellation, but using only those Fund Index Components that comprised that Fund Index immediately prior to that Fund Index Adjustment Event; or
- (ii) the Calculation Agent may use commercially reasonable efforts to select a successor fund index which in its opinion, acting in good faith and in a commercially reasonable manner measures the same (or a substantially similar) market or economic reality as the original Fund Index and, upon selection of such fund index, the Calculation Agent shall promptly notify the Holders in accordance with Security Condition 10 and such fund index will be deemed to be the "Fund Index" for the purpose of the Securities and the Calculation Agent will make such adjustment, if any, to one or more of the terms of the Securities as it (acting in good faith and in a commercially reasonable manner) determines appropriate to take account of the substitution; or
- (iii) the Calculation Agent may determine acting in good faith and in a commercially reasonable manner such other appropriate adjustments, if any, to be made to the terms of the Securities to account for the Fund Index Adjustment Event and determine the effective date of those adjustments; or
- (iv)
  - (A) unless Highest Value, Market Value, Monetisation Option or Delayed Redemption on Fund Index Adjustment Event are specified as being applicable in the applicable Final Terms, the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed the Issuer will pay an amount to each Holder in respect of each Security being redeemed equal to the fair market value of such Security taking into account the Fund Index Adjustment Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10; or
  - (B) if Delayed Redemption on Fund Index Adjustment Event is specified as being applicable in the applicable Final Terms, the Calculation Agent shall calculate the fair market value of each Security taking into account the Fund Index Adjustment Event less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements (the "**Calculated Fund Index Adjustment Amount**") as soon as practicable following the occurrence of the Fund Index Adjustment Event (the "**Calculated Fund Index Adjustment Amount Determination Date**") and on the Redemption Date shall redeem each Security at an amount calculated by the Calculation Agent equal to (x) the Calculated Fund Index Adjustment Amount plus interest accrued from and including the Calculated Fund Index Adjustment Amount Determination Date to but excluding the Redemption Date at a rate equal to Issuer's funding cost at such time or (y) if Principal Protected

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

Termination Amount is specified as being applicable in the applicable Final Terms and if greater, the Protected Amount; or

- (C) if Highest Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(a);
- (D) if Market Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or
- (E) if Monetisation Option is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(c);
- (F) if the Calculation Agent determines that a Fund Index Adjustment Event constitutes a force majeure, and if Fund Security Condition 6(iv)(F) is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption; or
- (v) in the case of a Fund Index Modification which occurs on the last Valuation Date, last Averaging Date or last Observation Date only, the Calculation Agent may elect to calculate the level of the Fund Index, using in lieu of the published level for the Fund Index as of the Valuation Date, Averaging Date or Observation Date, as the case may be, the level of the Fund Index as of that date determined by the Calculation Agent in accordance with the formula for and method of calculating the Fund Index last in effect prior to the Fund Index Modification but using only those Fund Index Components that comprised the Fund Index prior to the Fund Index Modification.

Fund Security Conditions 7 to 10 (inclusive) apply to Fund Securities relating to Euro Funds.

### 7. Definitions relating to Euro Funds

**"Euro Fund"** means the insurance or investment policy or capitalisation contract backed by euro-denominated assets offered by the Insurance Company on the terms set out in the Euro Fund Documents specified in the applicable Final Terms.

**"Euro Fund Business Day"** means a day (other than a Saturday or Sunday) on which commercial banks are open for general business (including dealings in foreign exchange and foreign currency deposits) in the relevant Euro Fund Business Day Centre(s).

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

**"Euro Fund Business Day Centre"** means each place specified as such in the applicable Final Terms.

**"Euro Fund Documents"** means, with respect to any Euro Fund, the offering document of the relevant Euro Fund offered by the Insurance Company in effect on the Hedging Date specifying, among other matters, the terms and conditions relating to such Euro Fund and, for the avoidance of doubt, any other documents or agreements in respect of the Euro Fund, as further described in any Euro Fund Document.

**"Euro Fund Valuation Date"** means any date as of which, in accordance with the Euro Fund Documents, the Insurance Company is or, but for the occurrence of an Extraordinary Euro Fund Event would have been, scheduled to publish the Gross Rate of Return.

**"Extraordinary Euro Fund Event Effective Date"** means, in respect of an Extraordinary Euro Fund Event, the date on which such Extraordinary Euro Fund Event occurs, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner.

**"Floor Rate of Return"** means the rate specified as such in the applicable Final Terms.

**"Gross Rate of Return"** means, in respect of the relevant Euro Fund and a Euro Fund Valuation Date, the gross rate of return (which is exclusive of any applicable taxes, duties, expenses, management fees and/or social security contributions), which a policyholder of such Euro Fund is entitled to receive in respect of their investment in the Euro Fund for such Euro Fund Valuation Date, as determined and published by the Insurance Company in accordance with the Euro Fund Documents on the website of the Insurance Company specified in the applicable Final Terms, or such other website as may be notified to the Holders in accordance with Security Condition 10.

**"Hedge Provider"** means the party (being, *inter alios*, the Issuer, the Guarantor (if applicable), the Calculation Agent, an Affiliate or any third party) from time to time who hedges the Issuer's obligations in respect of the Securities or where no such party actually hedges such obligations, a Hypothetical Investor, who shall be deemed to enter into transactions as if hedging such obligations. The Hedge Provider will hold or be deemed to hold an insurance or investment policy or capitalisation contract in respect of the Euro Fund, or enter or be deemed to enter into any agreement to purchase or deliver, or pay an amount linked to the performance of, such insurance or investment policy or capitalisation contract in respect of the Euro Fund as it (or in the case of a Hypothetical Investor, the Calculation Agent) considers would be held by a prudent issuer as a hedge for its exposure under the relevant Securities.

**"Hedging Date"** has the meaning given to it in the Final Terms.

**"Hypothetical Investor"** means a hypothetical or actual investor (as determined by the Calculation Agent in the context of the relevant situation) in a Euro Fund which is deemed to have the benefits and obligations, as provided in the relevant Euro Fund Documents, of an investor in the Euro Fund at the relevant time. The Hypothetical Investor may be deemed by the Calculation Agent to be resident or organised in any jurisdiction, and to be, without limitation, the Issuer, the Guarantor (if applicable), the Calculation Agent or any of their Affiliates (as determined by the Calculation Agent in the context of the relevant situation).

**"Insurance Company"** means the insurance company specified as such in the applicable Final Terms.

**"Protected Amount"** means the amount specified as such in the applicable Final Terms.

**"Provisional Minimum Rate"** means, in respect of the relevant Euro Fund and a Euro Fund Valuation Date, the provisional minimum rate of return in respect of the Euro Fund for such Euro Fund Valuation Date as published by the Insurance Company from time to time on the website of the Insurance Company

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

specified in the applicable Final Terms, or such other website as may be notified to the Holders in accordance with Security Condition 10. In the event that no such Provisional Minimum Rate is published in respect of the Euro Fund, the Provisional Minimum Rate shall be zero.

### 8. Failure to publish the Gross Rate of Return

If, in respect of a Euro Fund Valuation Date, the Gross Rate of Return is not published by or on behalf of the Insurance Company, then the Gross Rate of Return shall be deemed to be (i) the last available Provisional Minimum Rate in respect of such Euro Fund Valuation Date or (ii) if specified as applicable in the applicable Final Terms, the Floor Rate of Return, provided that, if the Gross Rate of Return in respect of such Euro Fund Valuation Date is not published or if no Provisional Minimum Rate has been published and there is no Floor Rate of Return specified in the applicable Final Terms, in each case, as a consequence of an Extraordinary Euro Fund Event, the provisions of Fund Security Condition 10 will apply.

### 9. Extraordinary Euro Fund Events

The occurrence of any of the events described below shall be deemed to be a "**Extraordinary Euro Fund Event**", the consequences of which are set out in Fund Security Condition 10 (Consequences of an Extraordinary Euro Fund Event):

- 9.1 in the determination of the Calculation Agent, the Insurance Company announces that it has calculated or applied, or will calculate or apply, the Gross Rate of Return in respect of the Euro Fund in a manner that is different to that which is described in the Euro Fund Documents;
- 9.2 a redemption by the Insurance Company of a policyholder's investment in the Euro Fund or cancellation of any such Euro Fund, where the consideration for such redemption or cancellation is cash or otherwise, other than in respect of a redemption or cancellation of such investment initiated by a policyholder in such Euro Fund that is consistent with the Euro Fund Documents;
- 9.3 a material modification, or any announcement regarding a potential future material modification, of the Euro Fund (including, but not limited to, a material modification of the Euro Fund Documents);
- 9.4 (i) a consolidation, amalgamation, partial asset contribution or merger of the Insurance Company, as the case may be, with or into another entity or person (other than a consolidation, amalgamation or merger in which the Insurance Company is the continuing entity and which does not result in any change to the Euro Fund), (ii) a takeover offer, tender offer, exchange offer, solicitation, proposal or other event by any entity or person to purchase or otherwise obtain 100 per cent. of the assets of the Insurance Company, or (iii) the sale, transfer, segregation or desegregation (statutory or otherwise) of, or proposed sale, transfer, segregation or desegregation (statutory or otherwise) of, the assets and/or contracts of the Insurance Company, in each case which, in the opinion of the Calculation Agent, has, or may in the future have, an impact before the last occurring Euro Fund Valuation Date in respect of the Securities, on the Gross Rate of Return, the Provisional Minimum Rate or the general assets of the Insurance Company based on which the Gross Rate of Return is determined;
- 9.5 the Insurance Company (i) ceases trading; (ii) becomes insolvent or is unable to pay its debts or fails or admits in writing its inability generally to pay its debts as they become due; (iii) is dissolved or has a resolution passed, or there is any proposal, for its dissolution, winding-up, official liquidation (other than pursuant to a consolidation, amalgamation or merger); (iv) makes a general assignment or arrangement with or for the benefit of its creditors; (v)(1) institutes or has instituted against it, by a regulator, supervisor or any similar official with primary insolvency, rehabilitative or regulatory jurisdiction over it in the jurisdiction of its incorporation or organisation or the jurisdiction of its head or home office, a

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

proceeding seeking a judgment of insolvency or bankruptcy or any other relief under any bankruptcy or insolvency law or other similar law affecting creditors' rights, or a petition is presented for its winding-up or liquidation by it or such regulator, supervisor or similar official, or (2) has instituted against it a proceeding seeking a judgment of insolvency or bankruptcy or any other relief under any bankruptcy or insolvency law or other similar law affecting creditors' rights, or a petition is presented for its winding-up or liquidation, and such proceeding or petition is instituted or presented by a person or entity not described in sub-clause (v)(1) above and either (x) results in a judgment of insolvency or bankruptcy or the entry of an order for relief or the making of an order for its winding-up or liquidation or (y) is not immediately dismissed, discharged, stayed or restrained; (vi) seeks or becomes subject to the appointment of an administrator, provisional liquidator, conservator, receiver, trustee, custodian or other similar official for it or for all or substantially all its assets; (vii) has a secured party take possession of all or substantially all its assets or has a distress, execution, attachment, sequestration or other legal process levied, enforced or sued on or against all or substantially all its assets and such secured party maintains possession, or any such process is not immediately dismissed, discharged, stayed or restrained; or (viii) causes or is subject to any event with respect to it which, under the applicable laws of any jurisdiction, has an effect analogous to any of the events specified in sub-clauses (i) to (vii) above;

- 9.6 there exists any litigation against the Insurance Company which the Calculation Agent determines, acting in good faith and in a commercially reasonable manner, could materially affect the Gross Rate of Return, the Provisional Minimum Rate or the rights or remedies of any policyholder in respect of the Euro Fund;
- 9.7 (i) any relevant activities of the Insurance Company in relation to the Euro Fund are or will become unlawful, illegal or otherwise prohibited in whole or in part as a result of compliance with any present or future law, regulation, judgment, order or directive of any governmental, administrative, legislative or judicial authority or power, or in the interpretation thereof, in any applicable jurisdiction (including, but not limited to, any cancellation, suspension or revocation of the registration or approval of the Insurance Company by any governmental, legal or regulatory entity with authority over the Insurance Company), (ii) a relevant authorisation or licence is revoked, lapses or is under review by a competent authority in respect of the Euro Fund or the Insurance Company or new conditions are imposed, or existing conditions varied, with respect to any such authorisation or licence, (iii) the Insurance Company is required by a competent authority to redeem or cancel any policy in respect of the Euro Fund, (iv) the Hedge Provider is required by a competent authority or any other relevant entity to dispose of or compulsorily terminate hedging arrangements relating to the Securities, (v) any change in the legal, tax, accounting or regulatory treatment of the Euro Fund or the Insurance Company that is reasonably likely to have an adverse impact on the Gross Rate of Return, the Provisional Minimum Rate, the general assets of the Insurance Company based on which the Gross Rate of Return is determined or other activities or undertakings of the Insurance Company or on the rights or remedies of any policyholder or Hedge Provider against the Insurance Company and/or (vi) the Insurance Company is the subject of an investigation, proceeding or litigation by any relevant governmental, legal or regulatory authority, involving an alleged violation of applicable law, for any activities relating to or resulting from the operation of such Euro Fund; or
- 9.8 any failure by the Insurance Company to publish or deliver or cause to be published or delivered (i) any information that such Insurance Company has agreed to publish or deliver or cause to be published or delivered to the Calculation Agent or the Hedge Provider in respect of the Euro Fund, or (ii) any information that has previously been delivered to the Calculation Agent or the Hedge Provider in accordance with the Insurance Company's or its authorised representative's customary practices, and which the Calculation Agent considers necessary to determine and verify the Gross Rate of Return.

### 10. Consequences of an Extraordinary Euro Fund Event

## ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

If an Extraordinary Euro Fund Event occurs in relation to a Euro Fund, the Issuer may take any of the relevant action(s) described in (a), (b) or (c) below as it deems appropriate:

- (a) require the Calculation Agent to determine acting in good faith and in a commercially reasonable manner the appropriate adjustment, if any, to be made to any of the terms of these Terms and Conditions and/or the applicable Final Terms to account for the relevant Extraordinary Euro Fund Event and determine the effective date of that adjustment. The relevant adjustments may include, without limitation, adjustments to account for changes to the Gross Rate of Return, the Provisional Minimum Rate or to the Securities;
- (b)
  - (i) unless Delayed Redemption on Extraordinary Euro Fund Event is specified as being applicable in the applicable Final Terms, the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed the Issuer will pay an amount to each Holder in respect of each Security being redeemed equal to the fair market value of such Security taking into account the Extraordinary Euro Fund Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10; or
  - (ii) if Delayed Redemption on Extraordinary Euro Fund Event is specified as being applicable in the applicable Final Terms, the Calculation Agent shall calculate the fair market value of each Security taking into account the Extraordinary Euro Fund Event less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements (the "**Calculated Extraordinary Euro Fund Event Amount**") as soon as practicable following the occurrence of the Extraordinary Euro Fund Event (the "**Calculated Extraordinary Euro Fund Event Amount Determination Date**") and on the Redemption Date shall redeem each Security at an amount calculated by the Calculation Agent equal to (x) the Calculated Extraordinary Euro Fund Event Amount plus interest accrued from and including the Calculated Extraordinary Euro Fund Event Amount Determination Date to but excluding the Redemption Date at a rate equal to the Issuer's funding cost at such time or (y) if Principal Protected Termination Amount is specified as being applicable in the applicable Final Terms and if greater, the Protected Amount; or
- (c) on or after the relevant Extraordinary Euro Fund Effective Date, the Calculation Agent may substitute the Euro Fund affected by an Extraordinary Euro Fund Event (the "**Affected Euro Fund**") with an alternative insurance or investment policy or capitalisation contract backed by euro-denominated assets in accordance with the criteria set out below (the "**Substitute Euro Fund**") and the Substitute Euro Fund will be deemed to be the Euro Fund and the relevant insurance company offering the insurance or investment policy or capitalisation contract, the Insurance Company, for the purposes of the Securities. The Calculation Agent will make such adjustment, if any, to any of the terms of these Terms and Conditions and/or the applicable Final Terms as the Calculation Agent acting in good faith and in a commercially reasonable manner determines appropriate.

Such substitution and the relevant adjustment (if any) will be deemed to be effective as of the date selected by the Calculation Agent (the "**Substitution Date**") acting in good faith and in a

## **ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES**

commercially reasonable manner and specified in the notice referred to below which may, but need not be, the relevant Extraordinary Euro Fund Event Effective Date.

In order to be selected as a Substitute Euro Fund, the relevant insurance or investment policy or capitalisation contract must be an insurance or investment policy or capitalisation contract backed by euro-denominated assets which, in the determination of the Calculation Agent, has similar characteristics to the Affected Euro Fund, including but not limited to, a comparable gross rate of return, a comparable provisional minimum rate of return, offered by an insurance company with a comparable portfolio of general assets and offered on similar contractual terms acceptable to the Calculation Agent. For the avoidance of doubt, the Substitute Euro Fund may, but need not, be offered by the same Insurance Company as the Affected Euro Fund.

If the Calculation Agent determines that more than one Extraordinary Euro Fund Event has occurred in respect of a Euro Fund, which are not connected and have different consequences pursuant to this Fund Security Condition 10, the Calculation Agent will determine which such Extraordinary Euro Fund Event and related consequences shall apply acting in good faith and in a commercially reasonable manner.

Upon the occurrence of an Extraordinary Euro Fund Event, if the Calculation Agent determines that an adjustment in accordance with the above provisions is necessary it shall notify the Issuer thereof as soon as practicable, and the Issuer shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 stating the occurrence of the Extraordinary Euro Fund Event, giving details thereof and the action proposed to be taken in relation thereto.



## ANNEX 10 – ADDITIONAL TERMS AND CONDITIONS FOR FUTURES SECURITIES

### ANNEX 10

#### ADDITIONAL TERMS AND CONDITIONS FOR FUTURES SECURITIES

##### CONTENTS

1.	Definitions .....	828
2.	Market Disruption.....	830
3.	Adjustments to a Future .....	830
4.	Correction of Futures Price .....	832

If specified as applicable in the applicable Final Terms, the terms and conditions applicable to Securities specified in the applicable Final Terms as Futures Securities shall comprise the terms and conditions of Securities (the "**Security Conditions**") and the additional Terms and Conditions for Futures Securities set out below (the "**Futures Security Conditions**"), in each case together with any other additional terms and conditions specified in the applicable Final Terms and subject to completion in the applicable Final Terms. In the event of any inconsistency between (i) the Security Conditions and (ii) the Futures Security Conditions, the Futures Security Conditions shall prevail. References in the Future Security Conditions to "Security" and "Securities" shall be deemed to be references to "Security" or "Securities" as the context admits.

#### 1. Definitions

"**Basket of Futures**" means a basket composed of each Future specified in the applicable Final Terms in the weightings specified in the applicable Final Terms;

"**Clearance System**" means the principal domestic clearance system customarily used for settling trades in the relevant Future(s);

"**Clearance System Days**" means, in respect of a Clearance System, any day on which such Clearance System is (or, but for the occurrence of an event which results in the Clearance System being unable to clear the transfer of a relevant security would have been) open for the acceptance and execution of settlement instructions;

"**Disrupted Day**" means any Scheduled Trading Day on which a relevant Exchange fails to open for trading during its regular trading session(s) or on which a Market Disruption Event has occurred;

"**Early Closure**" means the closure on any Exchange Business Day of the relevant Exchange(s) prior to its Scheduled Closing Time unless such earlier closing time is announced by such Exchange(s), at least one hour prior to the earlier of (a) the actual closing time for the regular trading session on such Exchange(s) on such Exchange Business Day and (b) the submission deadline for orders to be entered into the Exchange for execution at the Valuation Time on such Exchange Business Day;

"**Exchange**" means, in relation to a Future, each exchange or quotation system specified as such in the applicable Final Terms, any successor to such exchange or quotation system or any substitute exchange or quotation system to which trading in the Future has temporarily relocated (provided that the Calculation Agent has determined that there is comparable liquidity relative to such Future on such temporary substitute exchange or quotation system as on the original Exchange);

"**Exchange Business Day**" means either (a) in the case of a single Future, Exchange Business Day (Single Future Basis) or (b) in the case of a Basket of Futures, Exchange Business Day (All Futures Basis) or Exchange Business Day (Per Future Basis), in each case as specified in the applicable Final

## ANNEX 10 – ADDITIONAL TERMS AND CONDITIONS FOR FUTURES SECURITIES

Terms, provided that, if no such specification is made in the applicable Final Terms, Exchange Business Day (Per Future Basis) shall apply;

**"Exchange Business Day (All Futures Basis)"** means, in respect of all Futures comprised in a Basket of Futures, any Scheduled Trading Day on which each Exchange is, in respect of such Futures, open for trading during its regular trading session(s) notwithstanding such Exchange closing prior to its Scheduled Closing Time;

**"Exchange Business Day (Per Future Basis)"** means, in respect of a Future, any Scheduled Trading Day on which the relevant Exchange in respect of such Future is open for trading during its regular trading session(s), notwithstanding such relevant Exchange closing prior to its Scheduled Closing Time;

**"Exchange Business Day (Single Future Basis)"** means any Scheduled Trading Day on which the relevant Exchange is open for trading during its respective regular trading session(s), notwithstanding such relevant Exchange closing prior to its Scheduled Closing Time;

**"Exchange Disruption"** means any event (other than an Early Closure) that disrupts or impairs (as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner) the ability of market participants in general to effect transactions in, or obtain market values for, the Futures on the Exchange;

**"Future"** or **"Futures"** means, subject to adjustments in accordance with this Annex 10, in the case of an issue of Securities relating to a single Future, the futures contract and, in the case of an issue of Securities relating to a Basket of Futures, each futures contract, specified in the applicable Final Terms, and related expressions shall be construed accordingly;

**"Futures Correction Period"** means (a) the period specified in the applicable Final Terms, or (b) if none is so specified, one Settlement Cycle;

**"Protected Amount"** means the amount specified as such in the applicable Final Terms;

**"Scheduled Trading Day"** means either (a) in the case of a single Future, Scheduled Trading Day (Single Future Basis) or (b) in the case of a Basket of Futures, Scheduled Trading Day (All Futures Basis) or Scheduled Trading Day (Per Future Basis), in each case as specified in the applicable Final Terms, provided that, if no such specification is made in the applicable Final Terms, Exchange Business Day (Per Future Basis) shall apply;

**"Scheduled Trading Day (All Futures Basis)"** means, in respect of all Futures comprising the Basket of Futures, any day on which each Exchange is, in respect of such Futures, scheduled to be open for trading during its regular trading session(s);

**"Scheduled Trading Day (Per Future Basis)"** means, in respect of a Future, any day on which the relevant Exchange is scheduled to be open for trading during its regular trading session(s);

**"Scheduled Trading Day (Single Future Basis)"** means any day on which the relevant Exchange is scheduled to be open for trading during its regular trading session(s);

**"Settlement Cycle"** means, in respect of a Future, the period of Clearance System Days following a trade in the Future on the Exchange on which settlement will customarily occur according to the rules of such Exchange;

## ANNEX 10 – ADDITIONAL TERMS AND CONDITIONS FOR FUTURES SECURITIES

**"Settlement Price"** means, unless otherwise stated in the applicable Final Terms, in relation to each Cash Settled Security, subject to the provisions of this Annex and as referred to in "Averaging Date", "Observation Date", "Strike Date" or "Valuation Date" as the case may be:

- (a) in the case of Futures Securities relating to a Basket of Futures and in respect of each Futures comprising the basket, an amount equal to the official closing price (or the price at the Valuation Time on an Averaging Date or the Valuation Date, as the case may be, if so specified in the applicable Final Terms) quoted on the relevant Exchange for such Future on (i) if Averaging is not specified in the applicable Final Terms, the Valuation Date or (ii) if Averaging is specified in the applicable Final Terms, an Averaging Date and, in either case, multiplied by the relevant Weighting; and
- (b) in the case of Futures Securities relating to a single Future, an amount equal to the official price (or the price at the Valuation Time on an Averaging Date or the Valuation Date, if so specified in the applicable Final Terms) quoted on the relevant Exchange for such Future on (i) if Averaging is not specified in the applicable Final Terms, the Valuation Date or (ii) if Averaging is specified in the applicable Final Terms, an Averaging Date; and

**"Trading Disruption"** means any suspension of or limitation imposed on trading by the relevant Exchange or otherwise and whether by reason of movements in price exceeding limits permitted by the relevant Exchange or otherwise relating to the Futures on the Exchange.

### 2. Market Disruption

**"Market Disruption Event"** means, in relation to Securities relating to a single Future or a Basket of Futures, in respect of a Future the occurrence or existence of (a) a Trading Disruption, (b) an Exchange Disruption, which in either case the Calculation Agent determines acting in good faith and in a commercially reasonable manner is material, at any time during the one hour period that ends at the relevant Valuation Time, or (c) an Early Closure.

The Calculation Agent shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 of the occurrence of a Disrupted Day on any day that, but for the occurrence of a Disrupted Day, would have been an Averaging Date, or an Observation Date, a Valuation Date or the Strike Date.

### 3. Adjustments to a Future

#### 3.1 Futures Modification, Futures Replacement or Futures De-Listing

If, on or prior to the last Valuation Date, the last Observation Date or the last Averaging Date, (a) the relevant Exchange makes or announces that it will make a material change in the conditions of the Future(s) (a **"Futures Modification"**), (b) the relevant Exchange replaces the Future by a new Future contract to be substituted to the Future (a **"Futures Replacement"**) or (c) the relevant Exchange announces that the relevant Future cease (or will cease) to be listed, traded or publicly quoted on the Exchange for any reason and is not immediately re-listed, re-traded or re-quoted on an exchange or quotation system located in the same country as the Exchange (or, where the Exchange is within the European Union, in a member state of the European Union) (a **"Futures De-Listing"** and, together with a Futures Modification and a Futures Replacement, each a **"Futures Adjustment Event"**), then:

- (a) following the occurrence of a Futures Modification or a Futures Replacement, the Calculation Agent shall determine acting in good faith and in a commercially reasonable manner if such Futures Modification or Futures Replacement has a material effect on the Securities and, if so,

## ANNEX 10 – ADDITIONAL TERMS AND CONDITIONS FOR FUTURES SECURITIES

shall use the Future(s) so modified or replaced in lieu of the initial Future with respect to the relevant Securities; or

- (b) (i) unless Delayed Redemption on Occurrence of Futures Adjustment Event, Highest Value, Market Value or Monetisation Option are specified as being applicable in the applicable Final Terms, the Issuer may redeem the Securities by giving notice to Holders in accordance with Security Condition 10. If the Securities are so redeemed the Issuer will pay an amount to each Holder in respect of each Security being redeemed at an amount equal to the fair market value of a Security taking into account the Futures Adjustment Event, less, unless Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10; or
- (ii) if Delayed Redemption on Occurrence of Futures Adjustment Event is specified as being applicable in the applicable Final Terms, the Calculation Agent shall calculate the fair market value of each Security taking into account the Futures Adjustment Event less, unless Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements (the "**Calculated Futures Adjustment Amount**") as soon as practicable following the occurrence of the Futures Adjustment Event (the "**Calculated Futures Adjustment Amount Determination Date**") and on the Redemption Date shall redeem each Security at an amount calculated by the Calculation Agent equal to (x) the Calculated Futures Adjustment Amount plus interest accrued from and including the Calculated Futures Adjustment Amount Determination Date to but excluding the Redemption Date at a rate equal to Issuer's funding cost at such time or (y) if Principal Protected Termination Amount is specified as being applicable in the applicable Final Terms and if greater, the Protected Amount (specified in the applicable Final Terms); or
- (iii) if Highest Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(a);
- (iv) if Market Value is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(b); or
- (v) if Monetisation Option is specified as applicable in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder calculated and paid on such date determined, in accordance with Security Condition 34.12(c); or

## **ANNEX 10 – ADDITIONAL TERMS AND CONDITIONS FOR FUTURES SECURITIES**

- (vi) if the Calculation Agent determines that such Futures Adjustment Event constitutes a force majeure, and if Futures Security Condition 3.1(b)(vi) is specified in the applicable Final Terms, the Issuer will on giving notice to Holders in accordance with Security Condition 10, redeem all but not some only of the Securities and pay to each Holder an amount in respect of each Security held by such Holder, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption.

### **3.2 Notice**

The Calculation Agent shall, as soon as practicable, notify the relevant Security Agent of any determination made by it pursuant to paragraph 3.1 above and the action proposed to be taken in relation thereto and the Calculation Agent shall make available for inspection by Holders copies of any such determinations.

### **4. Correction of Futures Price**

With the exception of any corrections published after the day which is three Exchange Business Days prior to the due date for any payment under the Securities, if the price of the relevant Future(s) published on a given day and used or to be used by the Calculation Agent to make any determination under the Securities, is subsequently corrected and the correction published by the relevant Exchange within the number of days equal to the Futures Correction Period of the original publication, the price to be used shall be the price of the relevant Future(s) as so corrected. Corrections published after the day which is three Exchange Business Days prior to a due date for payment under the Securities will be disregarded by the Calculation Agent for the purposes of determining the relevant amount.

**ANNEX 11 – ADDITIONAL TERMS AND CONDITIONS FOR UNDERLYING INTEREST RATE  
SECURITIES**

**ANNEX 11**

**ADDITIONAL TERMS AND CONDITIONS FOR UNDERLYING INTEREST RATE SECURITIES**

**CONTENTS**

1.	Underlying Interest Rate Determination .....	833
2.	ISDA Determination .....	833
3.	Screen Rate Determination .....	834
4.	Determination of Underlying Interest Rate .....	836
5.	Minimum and/or Maximum Underlying Reference Rate .....	836

If specified as applicable in the applicable Final Terms, the terms and conditions applicable to Securities specified in the applicable Final Terms as Underlying Interest Rate Securities shall comprise the terms and conditions of Securities (the "**Security Conditions**") and the additional Terms and Conditions for Underlying Interest Rate Securities set out below (the "**Underlying Interest Rate Security Conditions**"), in each case together with any other additional terms and conditions specified in the applicable Final Terms and subject to completion in the applicable Final Terms. In the event of any inconsistency between (i) the Security Conditions and (ii) the Underlying Interest Rate Security Conditions, the Underlying Interest Rate Security Conditions shall prevail. References in the Underlying Interest Rate Security Conditions to "Security" or "Securities" shall be deemed to be references to "Security" or "Securities" as the context admits.

**1. Underlying Interest Rate Determination**

In respect of each Underlying Interest Determination Date specified in the applicable Final Terms, the Underlying Interest Rate or, if two or more Underlying Interest Rates are specified in the applicable Final Terms, each Underlying Interest Rate will be determined in the manner specified in the applicable Final Terms. Each Underlying Interest Rate comprising a Multiple Underlying Interest Rate will be calculated separately and independently as provided below and in the applicable Final Terms.

**2. ISDA Determination**

Where ISDA Determination is specified in the applicable Final Terms as the manner in which the Underlying Interest Rate is to be determined, the Underlying Reference Rate will be the relevant Underlying ISDA Rate plus or minus (as indicated in the applicable Final Terms) the Underlying Margin (if any) specified in the applicable Final Terms. For the purposes of these Underlying Interest Rate Security Conditions, "**Underlying ISDA Rate**" means a rate equal to the Floating Rate that would be determined by the Calculation Agent under an interest rate swap transaction if the Calculation Agent were acting as Calculation Agent (as defined in the ISDA Definitions) for that swap transaction under the terms of an agreement incorporating the 2006 ISDA Definitions as published by the International Swaps and Derivatives Association, Inc. and as amended and updated as at the Issue Date of the first Tranche of the Securities (the "**ISDA Definitions**") and under which:

- (a) the Floating Rate Option is as specified in the applicable Final Terms, provided that, if the Floating Rate Option specified in the applicable Final Terms is EURIBOR, in the event that EURIBOR has been discontinued, such other successor benchmark rate as the financial industry shall have accepted as a successor or substitute rate for EURIBOR;
- (b) the Designated Maturity is a period specified in the applicable Final Terms; and
- (c) the relevant Reset Date is as specified in the applicable Final Terms.

## ANNEX 11 – ADDITIONAL TERMS AND CONDITIONS FOR UNDERLYING INTEREST RATE SECURITIES

For the purposes of these Underlying Interest Rate Security Conditions, "**Floating Rate**", "**Floating Rate Option**", "**Designated Maturity**" and "**Reset Date**" have the meanings given to those terms in the ISDA Definitions.

### 3. Screen Rate Determination

- (a) Where Screen Rate Determination is specified in the applicable Final Terms as the manner in which the Underlying Interest Rate is to be determined, the Underlying Reference Rate will, subject as provided below, be either:

- (i) the offered quotation; or
- (ii) the arithmetic mean (rounded if necessary to the fifth decimal place, with 0.000005 being rounded upwards) of the offered quotations,

(expressed as a percentage rate per annum) for the Underlying Reference Rate(s) which appears or appear, as the case may be, on the Relevant Screen Page (or such replacement page on that service which displays the information) as at the Specified Time indicated in the applicable Final Terms (which will be 11.00 a.m., Brussels time, in the case of EURIBOR) (the "**Screen Page Underlying Reference Rate**") on the Underlying Interest Determination Date in question plus or minus (as indicated in the applicable Final Terms) the Underlying Margin (if any), all as determined by the Calculation Agent. If five or more of such offered quotations are available on the Relevant Screen Page, the highest (or, if there is more than one such highest quotation, one only of such quotations) and the lowest (or, if there is more than one such lowest quotation, one only of such quotations) shall be disregarded by the Calculation Agent for the purpose of determining the arithmetic mean (rounded as provided above) of such offered quotations.

- (b) In the event that the Relevant Screen Page is not available or if, in the case of (a)(i) above, no such offered quotation appears on the Relevant Screen Page (or such replacement page on that service which displays the information) or, in the case of (a)(ii) above, fewer than three such offered quotations appear on the Relevant Screen Page (or such replacement page on that service which displays the information), in each case as at the Specified Time indicated above or in the applicable Final Terms, except as provided in paragraph (c) below, the Calculation Agent will determine the Underlying Reference Rate at such time acting in good faith and in a commercially reasonable manner.
- (c) If the Calculation Agent determines at any time prior to any Underlying Interest Determination Date, that the Screen Page Underlying Reference Rate has been discontinued, the Calculation Agent will use, as a substitute for the Screen Page Underlying Reference Rate, the alternative reference rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the currency of the relevant rate (each a "**Relevant Nominating Body**") that is consistent with industry accepted standards, provided that, if two or more alternative reference rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those alternative reference rates is most appropriate to preserve the economic features of the relevant Securities. If the Calculation Agent notifies the Issuer that it is unable to determine such an alternative reference rate, the Calculation Agent will as soon as reasonably practicable (and in any event before the Business Day prior to the applicable Underlying Interest Determination Date) appoint an agent (the "**Underlying Reference Rate Determination Agent**"), which will determine whether a substitute or successor rate, which is substantially comparable to the Screen Page Underlying Reference Rate, is available for the

## ANNEX 11 – ADDITIONAL TERMS AND CONDITIONS FOR UNDERLYING INTEREST RATE SECURITIES

purpose of determining the Underlying Reference Rate on each Underlying Interest Determination Date falling on or after the date of such determination. If the Underlying Reference Rate Determination Agent determines that there is an industry accepted successor rate, the Underlying Reference Rate Determination Agent will notify the Issuer of such successor rate to be used by the Calculation Agent to determine the Underlying Interest Rate.

If the Underlying Reference Rate Determination Agent or the Calculation Agent, as applicable has determined a substitute or successor rate in accordance with the foregoing paragraph (such rate, the "**Replacement Underlying Reference Rate**"), for the purpose of determining the Underlying Reference Rate on each Underlying Interest Determination Date falling on or after such determination:

- (i) the Underlying Reference Rate Determination Agent or the Calculation Agent, as applicable, will also determine the changes (if any) required to the Underlying Interest Determination Date and any method for obtaining the Replacement Underlying Reference Rate, including any adjustment needed to make such Replacement Underlying Reference Rate comparable to the Screen Page Underlying Reference Rate, in each case acting in good faith and in a commercially reasonable manner that is consistent with industry-accepted practices for such Replacement Underlying Reference Rate;
- (ii) references to the Underlying Reference Rate in these Underlying Interest Rate Security Conditions will be deemed to be references to the relevant Replacement Underlying Reference Rate, including any alternative method for determining such rate as described in (i) above;
- (iii) the Underlying Reference Rate Determination Agent or the Calculation Agent, as applicable, will notify the Issuer of the Replacement Underlying Reference Rate, and the details described in (i) above as soon as reasonably practicable; and
- (iv) the Issuer will give notice to the Holders in accordance with Security Condition 10, and the Calculation Agent of the Replacement Underlying Reference Rate, and the details described in (i) above as soon as reasonably practicable but in any event no later than 5:00 p.m. (London time) on the Business Day prior to the applicable Underlying Interest Determination Date.

The determination of the Replacement Underlying Reference Rate and the other matters referred to above by the Underlying Reference Rate Determination Agent or the Calculation Agent, as applicable, will (in the absence of manifest error) be final and binding on the Issuer, the Calculation Agent and the Holders, unless the Issuer, the Calculation Agent or the Underlying Reference Rate Determination Agent determines at a later date that the Replacement Underlying Reference Rate is no longer substantially comparable to the Underlying Reference Rate or does not constitute an industry accepted successor rate, in which case the Calculation Agent shall appoint or re-appoint a Underlying Reference Rate Determination Agent, as the case may be (which may or may not be the same entity as the original Underlying Reference Rate Determination Agent or the Calculation Agent) for the purpose of confirming the Replacement Underlying Reference Rate or determining a substitute Replacement Underlying Reference Rate in an identical manner as described in this paragraph (c). If the replacement Underlying Reference Rate Determination Agent or the Calculation Agent, as applicable, is unable to or otherwise does not determine a substitute Replacement Underlying Reference Rate, then the Replacement Underlying Reference Rate will remain unchanged.



## **ANNEX 11 – ADDITIONAL TERMS AND CONDITIONS FOR UNDERLYING INTEREST RATE SECURITIES**

The Underlying Reference Rate Determination Agent may be (x) a leading bank, broker-dealer or benchmark agent in the principal financial centre of the currency of the relevant rate as appointed by the Calculation Agent, (y) the Issuer or the Guarantor (if applicable) or (z) an affiliate of the Issuer, the Guarantor (if applicable) or the Calculation Agent.

### **4. Determination of Underlying Interest Rate**

The Calculation Agent will, on or as soon as practicable after each date on which the Underlying Interest Rate is to be determined, which if the Securities are Hybrid Securities and Hybrid Business Day is specified as applicable in the applicable Final Terms, will be deemed to be a Scheduled Trading Day for the purposes of determining whether such day is a Hybrid Business Day (the "**Underlying Interest Determination Date**"), determine the Underlying Reference Rate (subject to any Minimum Underlying Reference Rate or Maximum Underlying Reference Rate specified in the applicable Final Terms). The Calculation Agent will notify the Principal Security Agent of the Underlying Reference Rate as soon as practicable after calculating the same.

### **5. Minimum and/or Maximum Underlying Reference Rate**

If the applicable Final Terms specifies a Minimum Underlying Reference Rate, then, in the event that the Underlying Reference Rate determined in accordance with the provisions of Underlying Interest Rate Security Conditions 2 or 3 above (as appropriate) is less than such Minimum Underlying Reference Rate, the Underlying Reference Rate shall be such Minimum Underlying Reference Rate.

If the applicable Final Terms specifies a Maximum Underlying Reference Rate, then, in the event that the Underlying Reference Rate determined in accordance with the provisions of Underlying Interest Rate Security Conditions 2 or 3 above (as appropriate) is greater than such Maximum Underlying Reference Rate, the Underlying Reference Rate shall be such Maximum Underlying Reference Rate.

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

### ANNEX 12

#### ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

##### CONTENTS

1.	General.....	837
2.	Redemption .....	838
3.	Interest .....	842
4.	Terms relating to Credit-Linkage Features .....	843
5.	Physical Settlement.....	847
6.	Provisions relating to Obligation Category and Characteristics and Deliverable Obligation Category and Characteristics.....	849
7.	Successors.....	852
8.	Provisions relating to LPN Reference Entities and CoCo Supplement.....	854
9.	Restructuring Credit Event.....	855
10.	Miscellaneous Provisions relating to Credit Securities .....	857
11.	Definitions .....	860
12.	2019 Narrowly Tailored Credit Event Provisions .....	912
	Annex A To The Additional Terms And Conditions For Credit Securities .....	915
	Annex B To The Additional Terms And Conditions For Credit Securities .....	919

If specified as applicable in the Final Terms, the terms and conditions applicable to Securities specified in the Final Terms as Credit Securities shall comprise the terms and conditions of Securities (the "**Security Conditions**") and the additional Terms and Conditions for Credit Securities set out below (the "**Credit Security Conditions**") together with any other additional terms and conditions specified in the Final Terms and subject to completion in the Final Terms. In the event of any inconsistency between (i) the Security Conditions and (ii) the Credit Security Conditions, the Credit Security Conditions shall prevail. A reference in these Credit Security Conditions to "the Final Terms" shall be construed as being a reference to the applicable Final Terms and for Credit Securities in respect of which more than one Reference Entity is specified, a reference to "the Reference Entity" shall be a reference to the applicable Reference Entity.

#### 1. General

##### (a) Credit Terms

The Final Terms shall specify, amongst other things:

- (i) the Trade Date and the Scheduled Redemption Date;
- (ii) the type of Credit Securities, being Single Reference Entity Credit Securities, Nth-to-Default Credit Securities, Basket Credit Securities or Tranching Credit Securities;
- (iii) the Settlement Method and, where Auction Settlement applies, the applicable Fallback Settlement Method;
- (iv) the Reference Entity or Reference Entities in respect of which a Credit Event may occur and, in each case, the related Transaction Type (if applicable, by way of reference to a Relevant Annex);
- (v) the Reference Obligation(s) (if any) in respect of each Reference Entity (if applicable, by specifying "Standard Reference Obligation: Applicable");

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (vi) the Reference Entity Notional Amount or, as applicable, Reference Entity Weighting in respect of each Reference Entity (save where such terms are set out in a Relevant Annex); and
- (vii) if the Credit Securities are Combination Credit Securities, the relevant information in subparagraphs (ii) to (vi) above for each related Credit Component.

### (b) Physical Settlement Matrix

Where a Transaction Type is specified in the Final Terms in respect of any Reference Entity, then the provisions of these Credit Security Conditions shall apply with respect to such Reference Entity in accordance with the Physical Settlement Matrix as it applies to such Transaction Type, as though such Physical Settlement Matrix were set out in full in the Final Terms.

### (c) Index Credit Securities

Where "Index Credit Securities" is specified as applicable in the Final Terms, then notwithstanding Credit Security Condition 7 (*Successors*), the Reference Entities for the purposes of the Credit Securities shall be as set out in the Relevant Annex (together with, in respect of each relevant Reference Entity, the Reference Entity Notional Amount or, as applicable, the Reference Entity Weighting, Reference Obligations and Substitute Reference Obligations) as set out in the Final Terms, or, as applicable, as determined and published from time to time by the relevant Index Sponsor. The Calculation Agent may rely on any determinations of the relevant Index Sponsor and neither the Issuer nor the Calculation Agent will have any liability to the Holders or any other person as a result of relying on any such determination.

### (d) Additional Provisions

If, in accordance with the specified Transaction Type or otherwise, any Additional Provisions are applicable, these Credit Security Conditions shall take effect subject to the provisions thereof.

## 2. Redemption

### (a) Redemption at Credit Security Redemption Date

The Issuer will redeem each Credit Security on the related Credit Security Redemption Date (as such date may be extended in accordance with the definition thereof) by payment of an amount equal to the Outstanding Notional Amount (as reduced from time to time in accordance with the definition thereof) of such Credit Security (together with interest, if any, payable thereon) unless the Credit Securities have been previously redeemed or purchased and cancelled in full (including pursuant to Credit Security Conditions 2(b) (*Redemption following Event Determination Date*), 2(d) (*Redemption following a Merger Event*) or 2(e) (*Additional Credit Security Disruption Events*)).

Where the Outstanding Notional Amount of any Credit Security is reduced to zero, then upon the performance by the Issuer of any remaining obligations in respect of the Credit Security (including pursuant to Credit Security Condition 2(b) (*Redemption following Event Determination Date*)), such Credit Security shall be deemed to have been redeemed in full without further payment. In the case of Tranche Credit Securities, redemption shall be in accordance with Credit Security Condition 4(b) (*Tranche Credit Securities*) below.

### (b) Redemption following Event Determination Date

Upon the occurrence of an Event Determination Date in relation to any Reference Entity, the Issuer will:

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (i) if the applicable Settlement Method is Auction Settlement, make payment in respect of each Credit Security of its *pro rata* share of the Auction Settlement Amount on the Auction Settlement Date, unless a Fallback Settlement Event occurs, in which event the Issuer shall perform its respective payment and/or delivery obligations in accordance with the applicable Fallback Settlement Method;
- (ii) if the applicable Settlement Method is Physical Settlement, perform its obligations in respect of each Credit Security in accordance with Credit Security Condition 5 (*Physical Settlement*); and
- (iii) if the applicable Settlement Method is Cash Settlement, make payment in respect of each Credit Security of its *pro rata* share of the Credit Event Cash Settlement Amount on the Credit Event Cash Settlement Date.

Where the applicable Settlement Method is Auction Settlement, if an Event Determination Date occurs with respect to a Reference Entity following the occurrence of a Fallback Settlement Event with respect to a prior Event Determination Date in relation to such Reference Entity and no Fallback Settlement Event occurs with respect to a subsequent Event Determination Date, the Issuer shall, if it so elects on or prior to a related Valuation Date or Delivery Date, redeem the Credit Securities pursuant to the occurrence of the subsequent Event Determination Date in accordance with this Credit Security Condition 2(b) (*Redemption following Event Determination Date*) by Auction Settlement.

This Credit Security Condition 2(b) (*Redemption following Event Determination Date*) shall not apply, and the Issuer shall have no obligations hereunder in respect of Zero Recovery Securities.

### (c) Settlement at Maturity

Where "Settlement at Maturity" is specified as applicable, payment of any Outstanding Notional Amount, Auction Settlement Amounts or Credit Event Cash Settlement Amounts, as applicable, shall be deferred until the later of the Credit Security Redemption Date and the last Auction Settlement Date or Credit Event Cash Settlement Date determined in respect of any Reference Entity (and notwithstanding any other provision of the Security Conditions or these Credit Security Conditions, no interest shall accrue on any payment of any amount which is so deferred).

### (d) Redemption following a Merger Event

If "Merger Event" is specified as applicable in the Final Terms and in the case that:

- (i) "Reference Entity/Holder Merger" is specified as applicable, in the event that in the determination of the Calculation Agent a Reference Entity/Holder Merger has occurred, the Issuer may give notice to the Holders in accordance with Security Condition 10 (*Notices*), and redeem all but not some only of the Credit Securities on the Merger Event Redemption Date, and if the Credit Securities are so redeemed or, as the case may be, cancelled, the Issuer shall pay an amount to each Holder in respect of each Credit Security, which amount shall be:
  - (A) the greater of: (i) if a Principal Protection Level is specified in the Final Terms, the product of such Principal Protection Level and the initial Notional Amount of such Credit Security; and (ii) the fair market value of such Credit Security taking into account the relevant Merger Event, and where "Hedging Link Provisions" are applicable, less the cost to the Issuer and/or its Affiliates of unwinding any related hedging arrangements (including without limitation any Credit Unwind Costs, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner); or, where "Hedging Link Provisions" are not applicable, plus a

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

pro rata reimbursement of all costs paid by the initial purchasers of the Credit Securities to the Issuer which were taken into account in determining the issue price of the Credit Securities, or if "Monetisation Option" is specified as applicable in the applicable Final Terms, an amount in respect of each Credit Security held by such Holder calculated and paid in accordance with Security Condition 34.12(c).

- (ii) "Reference Entity/Issuer Merger" is specified as applicable, in the event that in the determination of the Calculation Agent a Reference Entity/Issuer Merger has occurred, the Issuer may either:
    - (A) redeem the Credit Securities in accordance with (i) above; or
    - (B) replace the relevant affected Reference Entity/ies (the "**Affected Reference Entity/ies**") respectively, with Similar Reference Entity/ies. In such event, where "Hedging Link Provisions" is applicable, any costs of the Issuer arising in connection with any re-hedging of such substitution may be recovered through an adjustment to the interest payable on the Credit Securities and/or any redemption amounts payments payable under the Credit Securities. The Calculation Agent shall notify the Issuer, which shall in its turn notify the Holders pursuant to the provisions of Security Condition 10 of the decision taken by the Issuer and any adjustments made to the terms of the Credit Securities. Details of any adjustment or decision made in relation to the above may be obtained by the Holders upon request at the Calculation Agent's specified address.
  - (iii) Notwithstanding the foregoing, where "Hedging Link Provisions" are specified as not applicable and the Calculation Agent determines that the relevant Merger Event constitutes a force majeure, the Issuer shall pay to each Holder in respect of each Credit Security, the fair market value of such Credit Security, taking into account the relevant Merger Event, provided that no account will be taken of costs (other than costs that are unavoidable in connection with the early redemption of the Credit Securities), as determined by the Calculation Agent acting in a commercially reasonable manner.
- (e) Additional Credit Security Disruption Events

If the Calculation Agent determines that an Additional Credit Security Disruption Event has occurred, the Issuer may redeem the Credit Securities by giving notice to Holders in accordance with Security Condition 10 (*Notices*). If the Credit Securities are so redeemed the Issuer will pay an amount to each Holder in respect of each Credit Security equal to:

- (i) the greater of: (a) if a Principal Protection Level is specified in the Final Terms, the product of such Principal Protection Level and the initial Notional Amount of such Credit Security; and (b) the fair market value of such Credit Security taking into account the Additional Credit Security Disruption Event, less (where "Hedging Link Provisions" are specified as applicable) the cost to the Issuer and/or its Affiliates of unwinding any underlying hedging arrangements; or
- (ii) if "Monetisation Option" is specified as applicable in the applicable Final Terms, an amount in respect of each Credit Security held by such Holder calculated and paid in accordance with Security Condition 34.12(c); or
- (iii) where "Hedging Link Provisions" are specified as not applicable and the Calculation Agent determines that the Additional Credit Security Disruption Event constitutes a force majeure, the

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

fair market value of such Credit Security, taking into account the relevant Additional Credit Security Disruption Event, provided that no account will be taken of costs (other than costs that are unavoidable in connection with the early redemption of the Credit Securities),

all as determined by the Calculation Agent in a commercially reasonable manner.

### (f) Suspension of Obligations

If there is a DC Credit Event Question in relation to any Reference Entity, then (unless the Issuer otherwise elects by notice to the Calculation Agent and the Holders) from the date of such DC Credit Event Question (and notwithstanding that the relevant Credit Derivatives Determinations Committee has yet to determine whether Publicly Available Information is available or that a Credit Event has occurred), any obligation of the Issuer to redeem any Credit Security (including pursuant to Credit Security Condition 2(b) (*Redemption following Event Determination Date*)) (and the timing requirements of the Credit Event Cash Settlement Date, Valuation Date, Relevant Valuation Date, NOPS Cut-off Date, Physical Settlement Period and any other provisions pertaining to settlement) insofar as it relates to the relevant Reference Entity, or pay any amount of interest which would otherwise be due thereon or any obligation of the Calculation Agent to calculate any amount of interest (in each case, regardless of whether any such interest relates to the relevant Reference Entity), shall, insofar as it relates to the relevant Reference Entity, be and remain suspended until the date of the relevant DC Credit Event Announcement, DC No Credit Event Announcement or DC Credit Event Question Dismissal.

During such suspension period, the Issuer shall not be obliged to, nor entitled to, take any action in connection with the redemption of the Credit Securities, in each case insofar as they relate to the relevant Reference Entity, or in connection with the payment of any applicable interest on the Credit Securities, nor, if the Final Terms specifies that "Calculation and Settlement Suspension" applies, shall the Calculation Agent be obliged to take any action in connection with the calculation of any amount of interest (in each case, if the Final Terms specifies that "Calculation and Settlement Suspension" applies, regardless of whether any such interest relates to the relevant Reference Entity). Once the relevant DC Credit Event Announcement, DC No Credit Event Announcement or DC Credit Event Question Dismissal has occurred, such suspension shall terminate and any obligations so suspended shall resume on the Credit Security Business Day following such public announcement by ISDA, with the Issuer and, as the case may be, the Calculation Agent having the benefit of the full day notwithstanding when the suspension began. Any amount of interest so suspended shall, subject always to Credit Security Condition 3(a) (*Cessation of Interest Accrual*), become due on a date selected by the Calculation Agent falling not later than fifteen Business Days following such public announcement by ISDA.

For the avoidance of doubt, no interest shall accrue on any payment of interest or any other amounts which are deferred in accordance with this Credit Security Condition 2(f) (*Suspension of Obligations*).

### (g) Miscellaneous provisions relating to Redemption

If the Credit Securities are partially redeemed, the relevant Credit Securities or, if the Credit Securities are represented by a Global Security, such Global Security, shall be endorsed to reflect such partial redemption. Upon such partial redemption, the Outstanding Notional Amount of each Credit Security shall be reduced for all purposes (including accrual of interest thereon but without duplication with any cessation of interest accrual pursuant to Credit Security Condition 3(a) (*Cessation of Interest Accrual*)) accordingly.

Redemption of any Credit Security in accordance with this Credit Security Condition 2 (*Redemption*), together with payment of interest, if any, due thereon shall discharge all or the relevant portion of the obligations of the Issuer in relation thereto.

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

### 3. Interest

#### (a) Cessation of Interest Accrual

In the case of Credit Securities which are specified in the Final Terms to bear interest and subject to Credit Security Condition 4(h) (*Credit Linked Principal Only Credit Securities*), such interest shall accrue on the daily Outstanding Notional Amount of each Credit Security as the same may be reduced from time to time in accordance with the Credit Security Conditions. Condition 32 (*Interest*) shall be construed accordingly in relation to Credit Securities. Upon the occurrence of an Event Determination Date in respect of any Reference Entity, the Outstanding Notional Amount of each Credit Security shall, for the purposes of the calculation of accrual of interest thereon, be deemed to have been reduced in an amount equal to such Credit Security's *pro rata* share of the relevant Reference Entity Notional Amount (or, in the case of Tranching Credit Securities, of the corresponding Writedown Amount), with effect from and including:

##### (i) either:

(A) if "Accrual to Interest Payment Date" is specified as applicable in the Final Terms, the Interest Payment Date; or

(B) if "Accrual to Interest Period End Date" is specified as applicable in the Final Terms, the Interest Period End Date,

immediately preceding such Event Determination Date (or, in the case of the first Interest Payment Date or Interest Period End Date, the Interest Commencement Date); or

(ii) if "Accrual to Event Determination Date" is specified as applicable in the Final Terms, such Event Determination Date.

#### (b) Interest following Scheduled Redemption

Subject always to Credit Security Condition 3(a) (*Cessation of Interest Accrual*), if an Extension Notice has been given (other than pursuant to paragraph (d) of the definition of "Extension Notice"), each Credit Security which is outstanding following the Scheduled Redemption Date shall continue to bear interest on its daily Outstanding Notional Amount from (and including) the Scheduled Redemption Date to (but excluding) the related Credit Security Redemption Date at a rate of interest equal to either:

(i) if "Deposit Rate" is specified as applicable in the Final Terms under the heading "Interest following Scheduled Redemption", the rate that BNP Paribas would pay to an independent customer in respect of overnight deposits in the currency of the Credit Securities; or

(ii) such other rate as shall be specified for such purpose in the Final Terms (which may be zero),

subject in all cases to a minimum of zero. If "Deposit Rate" is not so specified or no such other rate is specified for such purpose, no interest shall accrue during the relevant period. For the avoidance of doubt, if an Extension Notice has been given pursuant to paragraph (d) of the definition thereof, no interest shall accrue from (and including) the Scheduled Redemption Date to (but excluding) the related Credit Security Redemption Date.

#### (c) Interest Payment Dates

If the Credit Securities are redeemed pursuant to the Security Conditions or these Credit Security Conditions, the Scheduled Redemption Date, the Credit Security Redemption Date (if not the Scheduled

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

Redemption Date), the last Auction Settlement Date, the last Credit Event Cash Settlement Date or the last Delivery Date, as the case may be, shall be an Interest Payment Date in respect of each Credit Security and the Issuer shall pay any interest that is accrued and unpaid in respect of each Credit Security on such Interest Payment Date.

### 4. Terms relating to Credit-Linkage Features

#### (a) Nth-to-Default Credit Securities

Where the Credit Securities are Nth-to-Default Credit Securities, an Event Determination Date shall not be taken into account for the purposes of Credit Security Conditions 2 (*Redemption*) and 3 (*Interest*) unless and until the number of Reference Entities in respect of which an Event Determination Date has occurred is equal to "N" (as specified in the Final Terms). Unless a value is specified for "M" in the Final Terms of such Credit Securities, with effect from such date, no Event Determination Date shall occur in respect of any other relevant Reference Entity. Where a value is specified for "M", the provisions of Credit Security Conditions 2 (*Redemption*) and 3 (*Interest*) shall apply in respect of every subsequent Event Determination Date until the number of Reference Entities in respect of which an Event Determination Date has occurred is equal to "M" (as specified in the Final Terms). Where "Unwind Costs for the Remaining Names" is specified as applicable in the Final Terms of such Credit Securities, an amount equal to the Unwind Value of the Reference CDS in respect of the Reference Entity which has not been determined as the Nth-to-Default Reference Entity (where N is 1) shall be added to the Credit Unwind Costs in respect of the Auction Settlement Amount or the Credit Event Cash Settlement Amount, as applicable.

#### (b) Tranching Credit Securities

The following provisions shall apply in respect of Credit Securities that are Tranching Credit Securities. For clarification, in respect of such Credit Securities, in the event of any inconsistency between the following and the remainder of the Credit Security Conditions, the following shall prevail:

- (i) Unless the Credit Securities have been previously redeemed or purchased and cancelled in full (including pursuant to any Credit Security Condition), the Issuer will redeem each Tranching Credit Security on the Credit Security Redemption Date by payment of an amount equal to the Outstanding Notional Amount of such Credit Security (together with interest, if any, payable thereon) plus if "Incurred Recoveries" is specified as applicable in the relevant Final Terms, its *pro rata* share of the Aggregate Incurred Recovery Amount, provided that (unless "Zero Recovery Securities" is applicable or the Final Price is specified in the Final Terms) if an Unsettled Credit Event has occurred, (A) a Redemption Preliminary Amount will be payable on the Credit Security Redemption Date and a Redemption Residual Amount will be payable on the Final Settlement Date, and (B) the Aggregate Incurred Recovery Amount (if any) in respect of each Tranching Credit Security shall be payable on the Final Settlement Date instead of the Credit Security Redemption Date. For the avoidance of doubt, no interest shall accrue or be payable in respect of any Aggregate Incurred Recovery Amount or any payment or postponement of payment thereof.
- (ii) If the Outstanding Notional Amount of any Tranching Credit Security is reduced to zero, such Credit Security will be redeemed in full, by payment of an amount equal to its *pro rata* share of the Aggregate Incurred Recovery Amount (if any) on the Final Settlement Date, and, for the avoidance of doubt, no interest shall accrue or be payable in respect of any Aggregate Incurred Recovery Amount or any payment or postponement of payment thereof) and the Issuer shall have no further obligations in respect of such Credit Securities.



## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (iii) If the Calculation Agent determines in relation to any Reference Entity:
- (A) without prejudice to the sub-paragraphs below, that a Credit Event has occurred or may occur on or prior to any Interest Payment Date;
  - (B) that a Potential Failure to Pay has occurred or may occur on or prior to any Interest Payment Date;
  - (C) that a Potential Repudiation/Moratorium has occurred or may occur on or prior to any Interest Payment Date;
  - (D) that a Credit Event Resolution Request Date has occurred or may occur on or prior to any Interest Payment Date; or
  - (E) (unless Zero Recovery Securities is applicable or the Final Price is specified in the Final Terms) that an Unsettled Credit Event has occurred,

then interest (if any) on such Tranching Credit Security shall be deemed to cease to accrue on an Outstanding Notional Amount equal to its *pro rata* share of the sum of: (i) the maximum Incurred Loss Amounts; and (ii) the maximum Incurred Recovery Amounts (if "Incurred Recoveries" is specified as applicable in the Final Terms), which could be determined (assuming an Auction Final Price, Weighted Average Final Price or Final Price of zero) (a "**Deemed Interest Reduction**") with effect from and including the Interest Period End Date (or, if none, the Interest Commencement Date) immediately preceding the date of such determination or (in the case of the occurrence of an Unsettled Credit Event) the relevant date applicable pursuant to Credit Security Condition 3(a) (*Cessation of Interest Accrual*). In such case, the related Interest Shortfall Amount (if any) shall be payable on the related Interest Shortfall Payment Date. No interest shall be payable in respect of any such postponement of payment of any Interest Shortfall Amount or any other interest or other amounts.

- (iv) If any day is a Final Price Calculation Date with respect to more than one Reference Entity, the Loss Amount, the Recovery Amount, the Incurred Loss Amount and the Incurred Recovery Amount (if applicable) with respect to each Reference Entity shall be calculated in the order that either of the following events occurred with respect to such Reference Entities: (i) the Credit Event Resolution Request Date (provided that if a Credit Event Resolution Request Date occurs in respect of more than one such Reference Entity on the same day, the first Reference Entity in respect of which the DC Secretary announces that the relevant DC Credit Event Question was effective and the relevant Credit Derivatives Determinations Committee was in possession of the relevant Publicly Available Information, in each case in accordance with the "Credit Event Resolution Request Date" definition, shall be deemed to have satisfied this condition first) or (ii) the delivery of the Credit Event Notice (provided that if any of the relevant Credit Event Notices are delivered at the same time, in a sequential order as determined by the Calculation Agent).

(c) Combination Credit Securities

Where the Credit Securities are Combination Credit Securities:

- (i) where any Credit Component is specified in the Final Terms as an "Interest Component", amounts payable in respect of interest on the Securities shall, subject to (iv) below, be calculated by reference to the terms set out in respect of such Credit Component;

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (ii) where any Credit Component is specified in the Final Terms as a "Principal Component", amounts payable by way of redemption of the Securities shall, subject to (iv) below, be calculated by reference to the terms set out in respect of such Credit Component;
  - (iii) where any Credit Component is specified in the Final Terms as a "Principal and Interest Component", amounts payable in respect of interest on the Securities or by way of redemption of the Securities shall, subject to (iv) below, be calculated by reference to the terms set out in respect of such Credit Component; and
  - (iv) more than one Credit Component may be specified in the Final Terms as an "Interest Component", "Principal Component" or "Principal and Interest Component", provided that a related "Component Percentage" is specified; in such case, all references in the definitions of "Reference Entity Notional Amount" and "Outstanding Notional Amount" to the "initial aggregate Notional Amount" shall, for the purposes of such Credit Component be references to the related Component Notional Amount.
- (d) Hybrid Credit Securities

Where the Credit Securities are Hybrid Securities, then:

- (i) if the Final Terms provide that "Event Determination Date Overrides Automatic Early Redemption" is applicable, an Automatic Early Redemption Date shall not be capable of occurring in respect of the Credit Securities if, as of the related Automatic Early Redemption Valuation Date, an Event Determination Date has occurred (but any Event Determination Date occurring after such Automatic Early Redemption Valuation Date shall be disregarded); and
  - (ii) if the Final Terms specify that "Credit Linked Calculation Basis" is applicable, any reference to the "Notional Amount", "Calculation Amount", "Specified Denomination" or any related abbreviation for the purpose of determining any amount payable by way of interest or coupon or on scheduled or early redemption of the Securities and which is calculated by reference to a Type of Underlying Reference other than the Reference Entity or Entities or the credit risk thereof, shall be to the Outstanding Notional Amount, save with respect to any amounts determined and paid under any item of the Final Terms specified as an "Excluded Item" for such purpose (which may include, without limitation, Item 12 (*Final Payout*)); and
  - (iii) the Credit Security Redemption Date shall notwithstanding such definition, be subject to deferral as provided for in these Credit Security Conditions and as provided with respect to the Redemption Date in any terms and conditions of the Credit Securities which relate to a Type of Underlying Reference referred to at (ii) above.
- (e) Basket Credit Securities where the Final Terms specify a Distribution End Date

If a Distribution Period Event Determination Date occurs with respect to any Reference Entity and any Basket Credit Securities, Credit Security Conditions 2(b) (*Redemption following Event Determination Date*), 2(c) (*Settlement at Maturity*) and 5 (*Physical Settlement*) shall not apply and the following provisions shall apply (and for clarification, in respect of such Credit Securities, in the event of any inconsistency between the following and the remainder of the Credit Security Conditions, the following shall prevail):

- (i) where the Final Terms specify that "Distribution Period Redemption" applies:

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (A) irrespective of the applicable Settlement Method, the Issuer will redeem each outstanding Credit Security in part, on the fifth Business Day following the Distribution End Date in an Outstanding Notional Amount corresponding to such Credit Security's pro rata share of the relevant Reference Entity Notional Amount by making a payment in respect of each Credit Security equal to its pro rata share of the related Reference Entity Notional Amount. For this purpose, in the case of an M(M)R Restructuring, Credit Security Condition 9(a) (*Multiple Credit Event Notices*) shall not apply; and
    - (B) for the avoidance of doubt, no further Event Determination Date may occur in respect of such Reference Entity; or
  - (ii) where the Final Terms specify that "Redemption at Maturity" applies:
    - (A) with effect from such Distribution Period Event Determination Date, such Reference Entity shall no longer be treated as a Reference Entity for the purpose of these Credit Security Conditions and no further Event Determination Date may occur with respect thereto, including where the Event Determination Date relates to a Restructuring Credit Event in respect of which an Exercise Amount has been determined; and
    - (B) no adjustment shall be made to the Reference Entity Notional Amount in respect of any other Reference Entity as a result of the above (notwithstanding the definition thereof); or
  - (iii) where the Final Terms specify that "Distribution Period Event Determination Date Disapplication" applies, notwithstanding anything to the contrary in these Credit Security Conditions, any Distribution Period Event Determination Date which occurs with respect to a Reference Entity shall not be treated as an Event Determination Date for the purpose of these Credit Security Conditions and only Event Determination Dates which occur on or after the Distribution End Date shall be treated as Event Determination Dates for the purpose of these Credit Security Conditions.
- (f) Bonus Coupon Securities
- If the Credit Securities are Bonus Coupon Credit Securities, an additional amount shall be payable on either:
- (i) where "Final Payment" is specified as the applicable Bonus Coupon Type in the relevant Final Terms, the Final Settlement Date; or
  - (ii) where "Running Basis" is specified as the applicable Bonus Coupon Type in the relevant Final Terms, the specified Bonus Coupon Payment Dates,
- in relation to the Credit Securities in an amount equal, in respect of each Credit Security, to the initial Notional Amount thereof multiplied by the Outstanding Bonus Coupon Rate, and where the Running Basis is applicable, multiplied by the Bonus Coupon Day Count Fraction.
- (g) Credit Linked Interest Only Credit Securities
- If "Credit Linked Interest Only" is specified as applicable in the applicable Final Terms, Credit Security Condition 3 (*Interest*) will apply to the Securities, but Credit Security Conditions 2(a) (*Redemption at Credit Securities Redemption Date*), 2(b) (*Redemption following Event Determination Date*) and 2(c) (*Settlement at Maturity*) will not apply. Unless the Credit Securities have previously been redeemed or

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

purchased and cancelled in full (including pursuant to Credit Security Conditions 2(d) (*Redemption following Merger Event*) or 2(e) (*Additional Credit Security Disruption Events*)) the Issuer will redeem each Credit Security on the relevant Credit Security Redemption Date by payment of the original Notional Amount specified in the applicable Final Terms.

(h) Credit Linked Principal Only Credit Securities

If "Credit Linked Principal Only" is specified as applicable in the applicable Final Terms, Credit Security Condition 2 (*Redemption*) will apply to the Securities but this Credit Security Condition 3 (*Interest*) will not apply. Where the redemption of any such Credit Securities is postponed following the Scheduled Redemption Date, no interest shall accrue in respect of any such Credit Securities from (and including) the Scheduled Redemption Date until the relevant date of redemption.

Where any such Credit Securities are subject to redemption in full in circumstances where further amounts are or may be payable subsequently in respect of interest thereon, then, only to the extent required by the terms of any relevant clearing system in order to permit payment of such interest, each Credit Security shall be deemed to remain outstanding in an amount equal to one unit of the Specified Currency. No payment shall be made in respect of such outstanding amount, and each Credit Security which is deemed to be outstanding on such basis shall be cancelled in full on the last date for payment of interest thereon.

### 5. Physical Settlement

(a) Delivery and payment

If Physical Settlement applies to any Credit Security, then, upon the occurrence of an Event Determination Date, the Issuer shall, on or prior to the related Physical Settlement Date and subject to Credit Security Conditions 5(b) (*Partial Credit Event Cash Settlement*), 5(c) (*Non-Delivery of Deliverable Obligations*) and 5(f) (*Asset Transfer Notice*), redeem such Credit Security in full (or, where such Credit Security is a Basket Credit Security, in part, in an Outstanding Notional Amount corresponding to such Credit Security's pro rata share of the relevant Reference Entity Notional Amount), respectively, by:

- (i) Delivering a *pro rata* share of the Deliverable Obligations specified in the related Notice of Physical Settlement or NOPS Amendment Notice, as applicable; and
- (ii) paying such Credit Security's *pro rata* portion of the related Physical Settlement Adjustment Rounding Amount.

(b) Partial Credit Event Cash Settlement

If, due to an event beyond the control of the Issuer, it is impossible or illegal for the Issuer to Deliver, or due to an event beyond the control of the Issuer or any Holder, it is impossible or illegal for the relevant Holder or, where "Hedging Link Provisions" is specified as applicable in the Final Terms, to accept Delivery of, any of the Deliverable Obligations (other than a Deliverable Obligation described in paragraph (d) of the definition of "Deliverable Obligation") specified in a Notice of Physical Settlement or any NOPS Amendment Notice, as applicable, on the related Physical Settlement Date, then on such date the Issuer shall Deliver any of the Deliverable Obligations specified in the Notice of Physical Settlement or any NOPS Amendment Notice, as applicable, for which it is possible and legal to take Delivery. If any Undeliverable Obligations have not been delivered on or prior to the Latest Permissible Physical Settlement Date, then Partial Credit Event Cash Settlement shall apply with respect to such Undeliverable Obligations and, accordingly, the Issuer shall pay the relevant Holders an amount equal

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

to the Partial Credit Event Cash Settlement Amount, to be apportioned *pro rata* amongst the relevant Holders on the Partial Credit Event Cash Settlement Date.

### (c) Non-Delivery of Deliverable Obligations

If the Issuer does not Deliver any Deliverable Obligation specified in a Notice of Physical Settlement or NOPS Amendment Notice, as applicable, other than as a result of an event or circumstance contemplated in Credit Security Condition 5(b) (*Partial Credit Event Cash Settlement*) above (including following the occurrence of a Hedge Disruption Event), such failure shall not constitute an Event of Default or breach of agreement for the purpose of the Credit Securities and the Issuer may continue to attempt to Deliver the Deliverable Obligations that are Bonds or Loans until the Extended Physical Settlement Date.

If, as at the relevant Extended Physical Settlement Date, any such Deliverable Obligations have not been Delivered, then Partial Credit Event Cash Settlement shall apply with respect to such Deliverable Obligations and the Issuer shall pay to the Holders an amount equal to the Partial Credit Event Cash Settlement Amount to be apportioned *pro rata* amongst the Holders on the Partial Credit Event Cash Settlement Date.

### (d) Aggregation and Rounding

Where a Holder holds Credit Securities in an Outstanding Notional Amount (in the case of Partly Paid Certificates, to the extent paid-up) greater than the Specified Denomination, the Outstanding Principal Balance of the Deliverable Obligations to be Delivered in respect of the Credit Security of such Holder shall be aggregated for the purposes of this Credit Security Condition 5 (*Physical Settlement*). If the Outstanding Principal Balance of the Deliverable Obligations to be Delivered in respect of each Credit Security to be redeemed pursuant to this Credit Security Condition 5(d) (*Aggregation and Rounding*) on any occasion is not equal to an authorised denomination (or integral multiple thereof) of such Deliverable Obligations then the Outstanding Principal Balance of Deliverable Obligations to be Delivered will be rounded down to the nearest authorised denomination or multiple thereof, or, if none, to zero. In such circumstances, the Deliverable Obligations that were not capable of being Delivered shall, if and to the extent practicable, be sold by the Issuer or such other agent as may be appointed by the Issuer for such purpose and, if they are so sold, the Issuer shall make payment in respect of each Credit Security in an amount equal to its *pro rata* share of the related net sale proceeds as soon as reasonably practicable following receipt thereof.

### (e) Delivery and Fees

The Delivery of any of the Deliverable Obligations pursuant to the provisions of this Credit Security Condition 5 (*Physical Settlement*) shall be made in such manner as the Issuer shall determine in a commercially reasonable manner, to be appropriate for such Delivery. Subject as set out in the definition of "Deliver":

- (i) any recordation, processing or similar fee reasonably incurred by the Issuer and/or any of its Affiliates and payable to the agent under a Loan in connection with an assignment or novation (where Deliverable Obligations include Assignable Loans or Consent Required Loans) or participation (where Deliverable Obligations include Direct Loan Participations) shall be payable by the relevant Holders, and if any stamp tax or transaction tax is payable in connection with the Delivery of any Deliverable Obligations, payment thereof shall be made by the relevant Holders; and
- (ii) where "Hedging Link Provisions" is applicable, any other expenses arising from the Delivery and/or transfer of the Deliverable Obligations shall be for the account of the Holders or the

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

Issuer, as appropriate, determined by the Calculation Agent in accordance with then current market conventions.

Delivery and/or transfer of the Deliverable Obligations shall be delayed until all expenses relating to such Delivery or transfer payable by the Holders pursuant to (i) and/or (ii) above, as applicable, have been paid to the satisfaction of the Issuer.

(f) Asset Transfer Notice

A Holder will not be entitled to any of the amounts or assets specified as being due to it in this Credit Security Condition 5 (*Physical Settlement*) upon the occurrence of an Event Determination Date and delivery of the Notice of Physical Settlement unless it has presented or surrendered (as is appropriate) the relevant Credit Security and delivered an Asset Transfer Notice in accordance with Security Condition 5(b)(i)(*Physical Delivery*). For so long as the Credit Securities are held in any clearing system, any communication from such clearing system on behalf of the Holder containing the information required in an Asset Transfer Notice will be treated as an Asset Transfer Notice. For as long as Bearer Securities are represented by a Global Security, surrender of Credit Securities for such purpose will be effected by presentation of the Global Security and its endorsement to note the Outstanding Notional Amount of Credit Securities to which the relevant Asset Transfer Notice relates.

(g) Disapplication of Physical Settlement

Where "Hedging Link Provisions" are specified as not applicable in the applicable Final Terms, Physical Settlement will not apply.

### 6. Provisions relating to Obligation Category and Characteristics and Deliverable Obligation Category and Characteristics

(a) Obligation Characteristics

If either of the Obligation Characteristics "Listed" or "Not Domestic Issuance" is specified in the related Final Terms or is applicable in respect of the applicable Transaction Type, the Final Terms shall be construed as though the relevant Obligation Characteristic had been specified as an Obligation Characteristic only with respect to Bonds.

(b) Deliverable Obligation Category and Characteristics

If:

- (i) any of the Deliverable Obligation Characteristics "Listed", "Not Domestic Issuance" or "Not Bearer" is specified in the related Final Terms or is applicable in respect of the applicable Transaction Type, such Final Terms shall be construed as though such Deliverable Obligation Characteristic had been specified as a Deliverable Obligation Characteristic only with respect to Bonds;
- (ii) the Deliverable Obligation Characteristic "Transferable" is specified in the Final Terms or is applicable in respect of the applicable Transaction Type, the Final Terms shall be construed as though such Deliverable Obligation Characteristic had been specified as a Deliverable Obligation Characteristic only with respect to Deliverable Obligations that are not Loans;
- (iii) any of the Deliverable Obligation Characteristics "Assignable Loan", "Consent Required Loan" or "Direct Loan Participation" is specified in the Final Terms or is applicable in respect of the applicable Transaction Type, the Final Terms shall be construed as though such Deliverable

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

Obligation Characteristic had been specified as a Deliverable Obligation Characteristic only with respect to Loans; and

- (iv) more than one of "Assignable Loan", "Consent Required Loan" and "Direct Loan Participation" are specified in the Final Terms as Deliverable Obligation Characteristics or is applicable in respect of the applicable Transaction Type, the Deliverable Obligations may include any Loan that satisfies any one of such Deliverable Obligation Characteristics specified and need not satisfy all such Deliverable Obligation Characteristics.

### (c) Relevant Guarantee

If an Obligation or a Deliverable Obligation is a Relevant Guarantee, the following will apply:

- (i) For purposes of the application of the Obligation Category or the Deliverable Obligation Category, the Relevant Guarantee shall be deemed to be described by the same category or categories as those that describe the Underlying Obligation.
- (ii) For purposes of the application of the Obligation Characteristics or the Deliverable Obligation Characteristics, both the Relevant Guarantee and the Underlying Obligation must satisfy on the relevant date or dates each of the applicable Obligation Characteristics or Deliverable Obligation Characteristics, if any, specified in the Final Terms or applicable in respect of the relevant Transaction Type from the following list: "Not Subordinated", "Specified Currency", "Not Sovereign Lender", "Not Domestic Currency" and "Not Domestic Law".
- (iii) For purposes of the application of the Obligation Characteristics or the Deliverable Obligation Characteristics, only the Underlying Obligation must satisfy on the relevant date or dates each of the applicable Obligation Characteristics or the Deliverable Obligation Characteristics, if any, specified in the Final Terms or applicable in respect of the relevant Transaction Type from the following list: "Listed", "Not Domestic Issuance", "Assignable Loan", "Consent Required Loan", "Direct Loan Participation", "Transferable", "Maximum Maturity", "Accelerated or Matured" and "Not Bearer".
- (iv) For purposes of the application of the Obligation Characteristics or the Deliverable Obligation Characteristics to an Underlying Obligation, references to the Reference Entity shall be deemed to refer to the Underlying Obligor.
- (v) For the avoidance of doubt the provisions of this Credit Security Condition 6 (*Provisions relating to Obligation Category and Characteristics and Deliverable Obligation Category and Characteristics*) apply in respect of the definitions of "Obligation" and "Deliverable Obligation" as the context admits.

### (d) Maximum Maturity

For purposes of the application of the Deliverable Obligation Characteristic "Maximum Maturity", remaining maturity shall be determined on the basis of the terms of the Deliverable Obligation in effect at the time of making such determination and, in the case of a Deliverable Obligation that is due and payable, the remaining maturity shall be zero.

### (e) Financial Reference Entity Terms and Governmental Intervention

If "Financial Reference Entity Terms" and "Governmental Intervention" are specified as applicable in respect of a Reference Entity, if an obligation would otherwise satisfy a particular Obligation Characteristic or Deliverable Obligation Characteristic, the existence of any terms in the relevant

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

obligation in effect at the time of making the determination which permit the Reference Entity's obligations to be altered, discharged, released or suspended in circumstances which would constitute a Governmental Intervention, shall not cause such obligation to fail to satisfy such Obligation Characteristic or Deliverable Obligation Characteristic.

(f) Prior Deliverable Obligation or Package Observable Bond

For purposes of determining the applicability of Deliverable Obligation Characteristics and the requirements specified in Credit Security Condition 9(b) (*Mod R*) and Credit Security Condition 9(c) (*Mod Mod R*) to a Prior Deliverable Obligation or a Package Observable Bond, any such determination shall be made by reference to the terms of the relevant obligation in effect immediately prior to the Asset Package Credit Event.

(g) Subordinated European Insurance Terms

If "Subordinated European Insurance Terms" is specified as applicable in respect of the Reference Entity, if an obligation would otherwise satisfy the "Maximum Maturity" Deliverable Obligation Characteristic, the existence of any Solvency Capital Provisions in such obligation shall not cause it to fail to satisfy such Deliverable Obligation Characteristic.

(h) Accrued Interest

With respect to any Credit Securities for which:

- (i) "Physical Settlement" is specified to be the Settlement Method in the related Final Terms (or for which Physical Settlement is applicable as the Fallback Settlement Method), the Outstanding Principal Balance of the Deliverable Obligations being Delivered will exclude accrued but unpaid interest, unless "Include Accrued Interest" is specified in the related Final Terms, in which case, the Outstanding Principal Balance of the Deliverable Obligations being Delivered will include accrued but unpaid interest;
- (ii) "Cash Settlement" is specified to be the Settlement Method in the related Final Terms (or if Cash Settlement is applicable as the Fallback Settlement Method), and:
  - (A) "Include Accrued Interest" is specified in the related Final Terms, the Outstanding Principal Balance of the Reference Obligation or Valuation Obligation, as applicable, shall include accrued but unpaid interest;
  - (B) "Exclude Accrued Interest" is specified in the related Final Terms, the Outstanding Principal Balance of the Reference Obligation or Valuation Obligation, as applicable, shall not include accrued but unpaid interest; or
  - (C) neither "Include Accrued Interest" nor "Exclude Accrued Interest" is specified in the related Final Terms, the Calculation Agent shall determine based on the then current market practice in the market of the Reference Obligation or Valuation Obligation, as applicable, whether the Outstanding Principal Balance of the Reference Obligation or Valuation Obligation shall include or exclude accrued but unpaid interest and, if applicable, the amount thereof; or
- (iii) Credit Security Condition 5(b) (*Partial Credit Event Cash Settlement*) or Credit Security Condition 5(c) (*Non-Delivery of Deliverable Obligations*) is applicable, the Calculation Agent shall determine, based on the then current market practice in the market or the relevant Undeliverable Obligation, Undeliverable Loan Obligation, Undeliverable Participation or



## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

Unassignable Obligation, whether such Quotations shall include or exclude accrued but unpaid interest.

(i) Asset Package Delivery

"**Asset Package Delivery**" will apply if an Asset Package Credit Event occurs, unless (i) such Asset Package Credit Event occurs prior to the Credit Event Backstop Date determined in respect of the Credit Event specified in the Credit Event Notice or DC Credit Event Announcement applicable to the Event Determination Date, or (ii) if the Reference Entity is a Sovereign, no Package Observable Bond exists immediately prior to such Asset Package Credit Event.

If the "Sovereign No Asset Package Delivery Supplement" is applicable in respect of a Reference Entity, then, notwithstanding the above, it shall be deemed that no Package Observable Bond exists with respect to such Reference Entity that is a Sovereign (even if such a Package Observable Bond has been published by ISDA) and accordingly, Asset Package Delivery shall not apply thereto.

### 7. Successors

(a) Provisions for determining a Successor

(i) Subject as set out in Credit Security Condition 1(c) (*Index Credit Securities*), the Calculation Agent may determine, following any succession (or, in relation to a Reference Entity that is a Sovereign, a Sovereign Succession Event) and with effect from the Succession Date, any Successor or Successors under the definition of "Successor"; provided that the Calculation Agent will not make such determination if, at the time of determination, the DC Secretary has publicly announced that the relevant Credit Derivatives Determinations Committee has Resolved that there is no Successor based on the relevant succession to Relevant Obligations. The Calculation Agent will make all calculations and determinations required to be made under the definition of "Successor" (or the provisions relating to the determination of a Successor) acting in good faith and in a commercially reasonable manner on the basis of Eligible Information. In calculating the percentages used to determine whether an entity qualifies as a Successor under the definition of "Successor", if there is a Steps Plan, the Calculation Agent shall consider all related successions in respect of such Steps Plan in aggregate as if forming part of a single succession.

(ii) An entity may only be a Successor if:

- (I) either (A) the related Succession Date occurs on or after the Successor Backstop Date, or (B) such entity is a Universal Successor in respect of which the Succession Date occurred on or after 1 January 2014;
- (II) the Reference Entity had at least one Relevant Obligation outstanding immediately prior to the Succession Date and such entity succeeds to all or part of at least one Relevant Obligation of the Reference Entity; and
- (III) where the Reference Entity is a Sovereign, such entity succeeded to the Relevant Obligations by way of a Sovereign Succession Event.

(iii) In the case of an exchange offer, the determination required pursuant to the definition of "Successor" shall be made on the basis of the outstanding principal balance of Relevant Obligations exchanged and not on the basis of the outstanding principal balance of the Exchange Bonds or Loans.

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (iv) If two or more entities (each, a "**Joint Potential Successor**") jointly succeed to a Relevant Obligation (the "**Joint Relevant Obligation**") either directly or as a provider of a Relevant Guarantee, then (i) if the Joint Relevant Obligation was a direct obligation of the Reference Entity, it shall be treated as having been succeeded to by the Joint Potential Successor (or Joint Potential Successors, in equal parts) which succeeded to such Joint Relevant Obligation as direct obligor or obligors, or (ii) if the Joint Relevant Obligation was a Relevant Guarantee, it shall be treated as having been succeeded to by the Joint Potential Successor (or Joint Potential Successors, in equal parts) which succeeded to such Joint Relevant Obligation as guarantor or guarantors, if any, or otherwise by each Joint Potential Successor in equal parts.

### (b) Single Reference Entity

Where the Credit Securities are Single Reference Entity Credit Securities and a Succession Date has occurred and more than one Successor has been identified, each such Credit Security will be deemed for all purposes to have been divided, with effect from the Succession Date, into the same number of new Credit Securities as there are Successors with the following terms:

- (i) each Successor will be a Reference Entity for the purposes of one of the deemed new Credit Securities;
- (ii) in respect of each deemed new Credit Security, the Reference Entity Notional Amount will be the Reference Entity Notional Amount applicable to the original Reference Entity divided by the number of Successors; and
- (iii) all other terms and conditions of the original Credit Securities will be replicated in each deemed new Credit Security except that the Calculation Agent shall make such modifications as it determines, acting in good faith and in a commercially reasonable manner, are required in order to preserve the economic effects of the original Credit Securities in the deemed new Credit Securities (considered in aggregate).

### (c) Nth-to-Default

Where the Credit Securities are Nth-to-Default Credit Securities:

- (i) where a Succession Date has occurred in respect of a Reference Entity (other than a Reference Entity in respect of which a Credit Event has occurred) and more than one Successor has been identified, each such Credit Security will be deemed for all purposes to have been divided, with effect from the Succession Date, into a number of new Credit Securities equal to the number of Successors. Each such new Credit Security shall include a Successor and each and every one of the unaffected Reference Entities and the provisions of Credit Security Condition 7(b)(i) to (iii) (*Single Reference Entity*) (inclusive) shall apply thereto;
- (ii) if "Substitution" is specified as not being applicable in the Final Terms, where any Reference Entity (the "**Surviving Reference Entity**") (other than a Reference Entity that is subject to the Succession Date) would be a Successor to any other Reference Entity (the "**Legacy Reference Entity**") pursuant to a Succession Date, such Surviving Reference Entity shall be deemed to be a Successor to the Legacy Reference Entity; and
- (iii) if "Substitution" is specified as being applicable in the Final Terms, where the Surviving Reference Entity (other than a Reference Entity that is subject to the Succession Date) would be a Successor to a Legacy Reference Entity pursuant to a Succession Date:

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (A) such Surviving Reference Entity shall be deemed not to be a Successor to the Legacy Reference Entity; and
- (B) the Replacement Reference Entity shall be deemed to be a Successor to the Legacy Reference Entity.

(d) Basket Credit Securities and Tranching Credit Securities

Where the Credit Securities are Basket Credit Securities or Tranching Credit Securities, and one or more Successors have been identified in respect of a Reference Entity that has been the subject of a related Succession Date (the "**Affected Entity**"), then, with effect from the Succession Date:

- (i) the Affected Entity will no longer be a Reference Entity (unless it is a Successor as described in (ii) below);
- (ii) each Successor will be deemed a Reference Entity (in addition to each Reference Entity which is not an Affected Entity);
- (iii) the Reference Entity Notional Amount for each such Successor will equal the Reference Entity Notional Amount of the Affected Entity divided by the number of Successors;
- (iv) the Calculation Agent may make any modifications to the terms of the Credit Securities which it determines, acting in good faith and in a commercially reasonable manner may be required to preserve the economic effects of the Credit Securities prior to the Succession Date (considered in the aggregate); and
- (v) for the avoidance of doubt, a Reference Entity may, as a result of a Succession Date, be represented by multiple Reference Entity Notional Amounts for the Successor(s) of such Reference Entity.

### 8. Provisions relating to LPN Reference Entities and CoCo Supplement

(a) LPN Reference Entities

The following provisions shall apply if the relevant Final Terms provide that "LPN Reference Entity" is applicable:

- (i) Multiple Holder Obligation will not be applicable with respect to any Reference Obligation and any Underlying Loan;
- (ii) each Reference Obligation will be an Obligation notwithstanding anything to the contrary in these Credit Security Conditions, and in particular, that the obligation is not an obligation of the Reference Entity;
- (iii) each Reference Obligation will be a Deliverable Obligation notwithstanding anything to the contrary in these Credit Security Conditions, and in particular, that the obligation is not an obligation of the Reference Entity;
- (iv) for the avoidance of doubt, with respect to any LPN Reference Obligation that specifies an Underlying Loan or an Underlying Finance Instrument, the outstanding principal balance shall be determined by reference to the Underlying Loan or Underlying Finance Instrument (as applicable) relating to such LPN Reference Obligation;

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (v) the "Not Subordinated" Obligation Characteristic and Deliverable Obligation Characteristic shall be construed as if no Reference Obligation was specified in respect of the Reference Entity; and
- (vi) "Reference Obligation" shall mean each of the obligations listed as a Reference Obligation of the Reference Entity in the Final Terms or set forth on the relevant LPN Reference Obligations List (each, a "Markit Published LPN Reference Obligation"), as published by Markit Group Limited, or any successor thereto, which list is currently available at <http://www.markit.com/marketing/services.php>, any Additional LPN, determined in accordance with the definition thereof, and each Additional Obligation. Each Reference Obligation determined in accordance with the foregoing will be a Reference Obligation notwithstanding anything to the contrary in these Conditions and in particular, notwithstanding that the obligation is not an obligation of the Reference Entity. Standard Reference Obligation shall be Not Applicable. The proviso in the definition of "Original Non-Standard Reference Obligation" shall not apply. If there is more than one Reference Obligation, all applicable references in these Conditions to "the Reference Obligation" shall be construed as a reference to "a Reference Obligation", and all other provisions of these Conditions shall be construed accordingly. The provisions in "Substitute Reference Obligation" and "Substitution Event" shall not be applicable to LPN Reference Obligations.

### (b) Provisions relating to CoCo Supplement

The following provisions shall apply in respect of a Reference Entity if the "CoCo Supplement" is applicable:

- (i) If, with respect to one or more Obligations and in relation to an aggregate amount of not less than the Default Requirement, the operation of one or more CoCo Provisions results in (i) a permanent or temporary reduction of the amount of principal payable at redemption or (ii) a conversion of principal into shares or another instrument, such event shall be deemed to constitute a Governmental Intervention falling within paragraph (a) of the definition thereof.
- (ii) A CoCo Provision shall be deemed to be a provision which permits a Governmental Intervention for all purposes.
- (iii) The following terms shall have the following meanings:

**"Coco Provision"** means, with respect to an Obligation, a provision which requires (i) a permanent or temporary reduction of the amount of principal payable at redemption or (ii) a conversion of principal into shares or another instrument, in each case, if the Capital Ratio is at or below the Trigger Percentage.

**"Trigger Percentage"** means the trigger percentage specified in respect of the Reference Entity (or if no such trigger percentage is specified, 5.25 per cent.).

**"Capital Ratio"** means the ratio of capital to risk weighted assets applicable to the Obligation, as described in the terms thereof in effect from time to time.

## 9. Restructuring Credit Event

### (a) Multiple Credit Event Notices

Upon the occurrence of an M(M)R Restructuring with respect to a Reference Entity:

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (i) the Calculation Agent may deliver multiple Credit Event Notices with respect to such M(M)R Restructuring, each such notice setting forth the amount of the relevant Reference Entity Notional Amount to which such notice applies (the "**Exercise Amount**") provided that if the Credit Event Notice does not specify an Exercise Amount, the then outstanding Reference Entity Notional Amount (and not a portion thereof) will be deemed to have been specified as the Exercise Amount;
- (ii) the provisions of these Credit Security Conditions (including, without limitation, as to the determination of any Auction Settlement Amount, Credit Event Cash Settlement Amount and Loss Amount) shall be deemed to apply to an aggregate Outstanding Notional Amount of Credit Securities equal to the Exercise Amount only and all the provisions shall be construed accordingly; and
- (iii) the Exercise Amount in connection with a Credit Event Notice describing an M(M)R Restructuring must be an amount that is at least 1,000,000 units of the Specified Currency (or, if Japanese Yen, 100,000,000 units) in which the Reference Entity Notional Amount is denominated or any integral multiple thereof or the entire relevant Reference Entity Notional Amount.

If any Credit Security is subject to partial redemption in accordance with this Credit Security Condition 9 (*Restructuring Credit Event*), the relevant Credit Security or, if the Credit Securities are represented by a Global Security, such Global Security shall be endorsed to reflect such partial redemption.

### (b) Mod R

If (i) "Physical Settlement" or "Cash Settlement" is specified to be the Settlement Method in the related Final Terms (or is applicable as the Fallback Settlement Method), (ii) "Mod R" is specified as applicable in respect of the Reference Entity and (iii) Restructuring is the only Credit Event specified in a Credit Event Notice, then unless the Deliverable Obligation or, as applicable, Valuation Obligation is a Prior Deliverable Obligation and Asset Package Delivery applies due to a Governmental Intervention, a Deliverable Obligation or, as applicable, Valuation Obligation may only be specified (or deemed specified) in the Notice of Physical Settlement or in any NOPS Amendment Notice or selected by the Issuer to form part of the related Valuation Obligations Portfolio, as applicable, if such Deliverable Obligation or, as applicable, Valuation Obligation:

- (A) is a Fully Transferable Obligation; and
- (B) has a final maturity date not later than the applicable Restructuring Maturity Limitation Date,

in each case, as of both the NOPS Effective Date and the Delivery Date or, as applicable, as of the Relevant Valuation Date.

### (c) Mod Mod R

If (i) "Physical Settlement" or "Cash Settlement" is specified to be the Settlement Method in the related Final Terms (or is applicable as the Fallback Settlement Method), (ii) "Mod Mod R" is specified as applicable in respect of the Reference Entity and (iii) Restructuring is the only Credit Event specified in a Credit Event Notice, then unless the Deliverable Obligation or, as applicable, Valuation Obligation is a Prior Deliverable Obligation and Asset Package Delivery applies due to a Governmental Intervention, a Deliverable Obligation or, as applicable, Valuation Obligation may only be specified (or deemed specified) in the Notice of Physical Settlement or in any NOPS Amendment Notice or selected by the Issuer to form part of the related Valuation Obligations Portfolio, as applicable, if it (A) is a Conditionally

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

Transferable Obligation and (B) has a final maturity date not later than the applicable Modified Restructuring Maturity Limitation Date, in each case, as of both the NOPS Effective Date and the Delivery Date or, as applicable, as of the Relevant Valuation Date. Notwithstanding the foregoing, for purposes of this paragraph, in the case of a Restructured Bond or Loan with a final maturity date on or prior to the 10-year Limitation Date, the final maturity date of such Bond or Loan shall be deemed to be the earlier of such final maturity date or the final maturity date of such Bond or Loan immediately prior to the relevant Restructuring.

If the relevant Deliverable Obligation specified in the Notice of Physical Settlement (or in any NOPS Amendment Notice, as applicable) or, as applicable, the relevant Valuation Obligation selected, is a Conditionally Transferable Obligation with respect to which consent is required to novate, assign or transfer and the requisite consent is refused (whether or not a reason is given for such refusal and, where a reason is given for such refusal, regardless of that reason), or is not received by the Physical Settlement Date or, as applicable, the Relevant Valuation Date (in which case it shall be deemed to have been refused), the Issuer shall, as soon as reasonably practicable, notify the relevant Holders of such refusal (or deemed refusal) and:

- (i) each such Holder may designate a third party (which may or may not be an Affiliate of such Holder) to take Delivery of the Deliverable Obligation on its behalf; and
- (ii) if a Holder does not designate a third party that takes Delivery on or prior to the date which is three Credit Security Business Days after the Physical Settlement Date, then the Issuer will redeem the Credit Securities for which Delivery has not occurred, by payment of the relevant Partial Credit Event Cash Settlement Amount to such Holder. For the avoidance of doubt Credit Security Condition 5(b) (*Partial Credit Event Cash Settlement*) will not apply to this paragraph.

(d) General Terms relating to Mod R and Mod Mod R

For the purposes of making a determination pursuant to "Mod R" and "Mod Mod R", final maturity date shall, subject to Credit Security Condition 9(c) (*Mod Mod R*), be determined on the basis of the terms of the Deliverable Obligation or, as applicable, Valuation Obligation in effect at the time of making such determination and, in the case of a Deliverable Obligation or, as applicable, Valuation Obligation that is due and payable, the final maturity date shall be deemed to be the date on which such determination is made.

(e) Multiple Holder Obligations

Notwithstanding anything to the contrary in the definition of "Restructuring" and related provisions, the occurrence of, agreement to, or announcement of, any of the events described in sub-paragraph (a)(i) to (a)(v) (inclusive) thereof shall not be a Restructuring unless the Obligation in respect of any such events is a Multiple Holder Obligation, provided that any obligation that is a Bond shall be deemed to satisfy the requirements of sub-paragraph (b) of the definition of "Multiple Holder Obligation".

### 10. Miscellaneous Provisions relating to Credit Securities

(a) Determinations of the Calculation Agent

The determination by the Calculation Agent of any amount or of any state of affairs, circumstance, event or other matter, or the formation of any opinion or the exercise of any discretion required or permitted to be determined, formed or exercised by the Calculation Agent in each case in good faith and in a commercially reasonable manner pursuant to the Credit Security Conditions shall (in the absence of manifest error) be final and binding on the Issuer, the Guarantor (if applicable) and the Holders. Unless

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

otherwise expressly stated, the Calculation Agent is not bound to follow or act in accordance with any determination of the relevant Credit Derivatives Determinations Committee. Whenever the Calculation Agent is required to make any determination it may, *inter alia*, decide issues of construction and legal interpretation. If the Calculation Agent chooses to rely on the determinations of the relevant Credit Derivatives Determinations Committee it may do so without liability. Any such election, modification, determination or adjustment shall not create a significant imbalance between the rights and obligations of the Issuer compared to the Holders, to the detriment of the Holders.

Any delay, deferral or forbearance by the Calculation Agent in the performance or exercise of any of its obligations or its discretion under the Credit Securities including, without limitation, the giving of any notice by it to any person, shall not affect the validity or binding nature of any later performance or exercise of such obligation or discretion, and where "Hedging Link Provisions" are specified as applicable in the Final Terms, none of the Calculation Agent, the Issuer or the Guarantor (if applicable) shall, in the absence of wilful misconduct and gross negligence, bear any liability in respect of, or consequent upon, any such delay, deferral or forbearance.

### (b) Reversal of DC Resolutions

If, where a calculation or determination with respect to the Credit Securities has been made by the Calculation Agent in reliance upon a DC Resolution or otherwise resulted from a DC Resolution, ISDA publicly announces that such DC Resolution has been reversed by a subsequent DC Resolution, such reversal will be taken into account for the purposes of any subsequent calculations, provided that the ISDA public announcement occurs prior to the DC Resolution Reversal Cut-off Date (or where redeemed in part, save to the extent of any such redemption). The Calculation Agent, acting in good faith and in a commercially reasonable manner, will make any adjustment to any future payments as are required to take account of such reversal, including any payment of additional interest or any reduction in any interest or any other amount payable under the Credit Securities. For the avoidance of doubt, no accruals of interest shall be taken into account when calculating any such adjustment payment.

### (c) Change in Standard Terms and Market Conventions

Where "Hedging Link Provisions" are applicable, the Calculation Agent, acting reasonably, may (but shall not be obligated to) modify these Credit Security Conditions from time to time with effect from a date designated by the Calculation Agent to the extent reasonably necessary to ensure consistency with prevailing market standards or market trading conventions, which are, pursuant to the agreement of leading dealers in the credit derivatives market or any relevant ISDA committee, a market-wide protocol, any applicable law or regulation or the rules of any applicable exchange or clearing system, applicable to any Notional Credit Derivative Transaction or any Hedge Transaction entered into prior to such date or terms thereof. The Calculation Agent shall notify the Issuer and the Holders as soon as reasonably practicable upon making any such determination. For the avoidance of doubt, the Calculation Agent may not, without the consent of the Issuer, amend, pursuant to this Credit Security Condition 10(c) (*Change in Standard Terms and Market Conventions*) any of the terms and conditions of the Credit Securities other than the Credit Security Conditions.

In particular, the Calculation Agent may make such modifications as may be necessary to ensure consistency with any successor provisions ("**Successor Provisions**") which are published by ISDA and which supersede the 2014 ISDA Credit Derivatives Definitions, for the purposes of credit derivatives transactions generally (including with respect to transactions which are entered into prior to the relevant date of publication and which are outstanding as of that date) and/or may apply and rely on determinations of a Credit Derivatives Determinations Committee made in respect of a relevant

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

Reference Entity under any such Successor Provisions notwithstanding any discrepancy between the terms of such Successor Provisions and these Credit Security Conditions.

This Credit Security Condition 10(c) (*Change in Standard Terms and Market Conventions*) shall apply unless the related Final Terms specifies that "Change in Standard Terms and Market Conventions" is not applicable.

(d) Delivery of Notices

As soon as reasonably practicable after receiving a Credit Event Notice or Notice of Publicly Available Information from the Calculation Agent, the Issuer shall promptly inform, or shall procure that the Calculation Agent informs the Holders in accordance with Security Condition 10 (*Notices*) provided that any failure or delay in giving such notice to Holders shall not affect the rights of the Issuer in relation thereto. Resolutions of the Credit Derivatives Determinations Committees are, as of the date hereof, available on the website of the Credit Derivatives Determinations Committees (<https://www.cdsdeterminationscommittees.org>) (or any successor website thereto).

(e) Effectiveness of Notices

Any notice referred to in Credit Security Condition 10(d) (*Delivery of Notices*) above which is delivered on or prior to 5.00 p.m. (London time) on a London Business Day is effective on such date and if delivered after such time or on a day that is not a London Business Day, is deemed effective on the next following London Business Day.

A notice given by telephone by the Issuer or the Calculation Agent will be deemed to have been delivered at the time the telephone conversation takes place.

(f) Excess Amounts

If, on a Business Day, the Calculation Agent reasonably determines that an Excess Amount has been paid to Holders on or prior to such day, then following notification of the determination of an Excess Amount to the Issuer and Holders in accordance with Security Condition 10 (*Notices*), the Issuer may deduct any such Excess Amount from future payments in relation to the Credit Securities (whether interest or principal) or may reduce the amount of any assets deliverable under the terms of the Credit Securities to the extent that it determines, acting reasonably, to be necessary to compensate for such Excess Amount.

(g) Provisions Relating to Timing

Subject to Credit Security Condition 10(e) (*Effectiveness of Notices*) and Credit Security Condition 10(h) (*Payment Timing*), in order to determine the day on which an event occurs for purposes of the Credit Security Conditions, the demarcation of days shall be made by reference to Greenwich Mean Time (or, if the Transaction Type of the Reference Entity relates to Japan, Tokyo time), irrespective of the time zone in which such event occurred. Any event occurring at midnight shall be deemed to have occurred immediately prior to midnight.

(h) Payment Timing

Notwithstanding the "Credit Event Notice" definition and Credit Security Condition 10(g) (*Provisions Relating to Timing*), if a payment is not made by the Reference Entity on its due date or, as the case may be, on the final day of the relevant Grace Period, then such failure to make a payment shall be deemed to have occurred on such day prior to midnight Greenwich Mean Time (or, if the Transaction Type of the Reference Entity relates to Japan, Tokyo time), irrespective of the time zone of its place of payment.



## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

(i) Business Day Convention

If the last day of any period calculated by reference to calendar days falls on a day that is not a Business Day, such last day shall be subject to adjustment in accordance with the applicable Business Day Convention; provided that if the last day of any period is the Credit Event Backstop Date or the Successor Backstop Date, such last day shall not be subject to any adjustment in accordance with any Business Day Convention.

(j) No Frustration

In the absence of other reasons, the Credit Securities will not be considered frustrated, or otherwise void or voidable (whether for mistake or otherwise) solely because:

- (i) the Reference Entity does not exist on, or ceases to exist on or following, the Trade Date; and/or
- (ii) Obligations, Deliverable Obligations or the Reference Obligation do not exist on, or cease to exist on or following, the Trade Date.

(k) Rounding

Any amount payable under these Credit Security Conditions shall be rounded downwards to the nearest sub-unit of the relevant currency.

### 11. Definitions

In these Credit Security Conditions:

**"Accelerated or Matured"** means an obligation under which the principal amount owed, whether by reason of maturity, acceleration, termination or otherwise, is due and payable in full in accordance with the terms of such obligation, or would have been but for, and without regard to, any limitation imposed under any applicable insolvency laws.

**"Additional Credit Security Disruption Event"** means any of Change in Law, Hedging Disruption, and/or Increased Cost of Hedging, in each case if specified as applying in the Final Terms (provided that Hedging Disruption and Increased Cost of Hedging shall not apply where "Hedging Link Provisions" are specified as not applicable).

**"Additional LPN"** means any LPN issued by an LPN Issuer for the sole purpose of providing funds for the LPN Issuer to provide financing to the Reference Entity via an:

- (a) Underlying Loan; or
- (b) Underlying Finance Instrument,

provided that:

- (i) either:
  - (i) in the event that there is an Underlying Loan with respect to such LPN, the Underlying Loan satisfies the Obligation Characteristics specified in respect of the Reference Entity; or

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (ii) in the event that there is an Underlying Finance Instrument with respect to such LPN the Underlying Finance Instrument satisfies the Not Subordinated, Not Domestic Law and Not Domestic Currency Obligation Characteristics;
- (ii) the LPN satisfies the following Deliverable Obligation Characteristics: Transferable, Not Bearer, Specified Currencies – Standard Specified Currencies, Not Domestic Law, Not Domestic Issuance; and
- (iii) the LPN Issuer has, as of the issue date of such obligation, granted a First Ranking Interest over or in respect of certain of its rights in relation to the relevant Underlying Loan or Underlying Finance Instrument (as applicable) for the benefit of holders of the LPNs.

**"Additional Obligation"** means each of the obligations listed as an Additional Obligation of the Reference Entity in the relevant "LPN Reference Obligation List" as published by Markit Group Limited, or any successor thereto, which list is currently available at <http://www.markit.com/marketing/services.php>.

**"Additional Provisions"** means any additional provisions from time to time published by ISDA for use in the over-the-counter credit derivatives market and specified as applicable in relation to a Reference Entity which may include:

- (a) the Additional Provisions for Physically Settled Default Swaps - Monoline Insurer as Reference Entity, as published by ISDA on 21 January 2005; or
- (b) any other provisions specified in relation to such Reference Entity.

**"Affected Entity"** has the meaning given to such term in Credit Security Condition 7(d) (*Basket Credit Securities and Tranched Credit Securities*) above.

**"Affiliate"** means, in relation to any person, any entity controlled, directly or indirectly, by the person, any entity that controls, directly or indirectly, the person or any entity directly or indirectly under common control with the person. For this purpose, "control" of any entity or person means ownership of a majority of the voting power of the entity or person.

**"Aggregate Incurred Recovery Amount"** means, in respect of Tranched Credit Securities and any date, an amount (subject to a minimum of zero) equal to:

- (a) the aggregate of any Incurred Recovery Amounts calculated with respect to all Reference Entities up to and including such date; minus
- (b) the sum of all Aggregate Unwind Costs (for the avoidance of doubt, without double counting).

**"Aggregate Loss Amount"** means, in respect of Tranched Credit Securities and any date, the aggregate of all Loss Amounts calculated with respect to all Reference Entities up to and including such date.

**"Aggregate Recovery Amount"** means, in respect of Tranched Credit Securities and any date, the aggregate of all Recovery Amounts calculated with respect to all Reference Entities up to and including such date.

**"Aggregate Unwind Costs"** has the meaning given to such term in the definition of "Credit Unwind Costs".

**"Asset"** means each obligation, equity, amount of cash, security, fee (including any "early-bird" or other consent fee), right and/or other asset, whether tangible or otherwise and whether issued, incurred, paid

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

or provided by the Reference Entity or a third party (or any value which was realized or capable of being realized in circumstances where the right and/or other asset no longer exists).

**"Asset Market Value"** means the market value of an Asset, as the Calculation Agent shall determine by reference to an appropriate specialist valuation or in accordance with the methodology determined by the Credit Derivatives Determinations Committee.

**"Asset Package"** means, in respect of an Asset Package Credit Event, all of the Assets in the proportion received or retained by a Relevant Holder in connection with such relevant Asset Package Credit Event (which may include the Prior Deliverable Obligation or Package Observable Bond, as the case may be). If the Relevant Holder is offered a choice of Assets or a choice of combinations of Assets, the Asset Package will be the Largest Asset Package. If the Relevant Holder is offered, receives and retains nothing, the Asset Package shall be deemed to be zero.

**"Asset Package Credit Event"** means:

- (a) if "Financial Reference Entity Terms" and "Governmental Intervention" are specified as applicable in respect of the Reference Entity:
  - (i) a Governmental Intervention; or
  - (ii) a Restructuring in respect of the Reference Obligation, if "Restructuring" is specified as applicable in respect of the Reference Entity and such Restructuring does not constitute a Governmental Intervention; and
- (b) if the Reference Entity is a Sovereign and "Restructuring" is specified as applicable in respect of the Reference Entity, a Restructuring,

in each case, whether or not such event is specified as the applicable Credit Event in the Credit Event Notice or the DC Credit Event Announcement.

**"Assignable Loan"** means a Loan that is capable of being assigned or novated to, at a minimum, commercial banks or financial institutions (irrespective of their jurisdiction or organisation) that are not then a lender or a member of the relevant lending syndicate, without the consent of the Reference Entity or the guarantor, if any, of such Loan (or the consent of the applicable borrower if the Reference Entity is guaranteeing such Loan) or any agent, and if specified as applicable to a Deliverable Obligation Category, the Assignable Loan Deliverable Obligation Characteristic shall be applicable only in respect of obligations within that Deliverable Obligation Category that are Loans.

**"Attachment Point"** means, in respect of Tranching Credit Securities, the value specified as such in the Final Terms.

**"Auction"** has the meaning set forth in the Transaction Auction Settlement Terms.

**"Auction Cancellation Date"** has the meaning set forth in the Transaction Auction Settlement Terms.

**"Auction Covered Transaction"** has the meaning set forth in the Transaction Auction Settlement Terms.

**"Auction Final Price"** has the meaning set forth in the Transaction Auction Settlement Terms or the Parallel Auction Settlement Terms identified by the Issuer in the Auction Settlement Amount Notice.

**"Auction Final Price Determination Date"** has the meaning set forth in the Transaction Auction Settlement Terms.

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

**"Auction Settlement Amount"** means, in relation to any Reference Entity, an amount in the Settlement Currency as determined by the Calculation Agent in accordance with the formula below:

$$\text{Auction Settlement Amount} = \text{Max} (\text{PPA}, \text{Max} [0, \text{Min} (A, [(A \times B) - C])])$$

Where:

**"A"** means the Reference Entity Notional Amount;

**"B"** means the relevant Auction Final Price;

**"C"** means the Credit Unwind Costs (unless the Final Terms specify that Credit Unwind Costs are not applicable, and/or that "Hedging Link Provisions" are not applicable in which event **"C"** means zero); and

**"PPA"** means the Principal Protection Level specified in the Final Terms multiplied by the Reference Entity Notional Amount (and if there is no such level, shall be disregarded).

**"Auction Settlement Amount Notice"** means a notice given by the Issuer to the Calculation Agent and the Holders in accordance with Security Condition 10 (*Notices*), on or prior to the date which is 65 Business Days following the Final List Publication Date (or, if later, the Movement Option Cut-off Date) specifying:

- (a) the Transaction Auction Settlement Terms or Parallel Auction Settlement Terms which the Issuer has elected to apply to the Credit Securities (provided that the Issuer may only elect to apply any Parallel Auction Settlement Terms (for purposes of which all Deliverable Obligations (as defined in respect of the Final List) on the Final List will be Permissible Deliverable Obligations) in the circumstances set out in sub-paragraph (b) or (c)(ii) of the definition of "No Auction Announcement Date"); and
- (b) the Auction Settlement Amount.

**"Auction Settlement Date"** means the date that is three Business Days following delivery by the Issuer of the Auction Settlement Amount Notice to the Calculation Agent and the Holders in accordance with Security Condition 10 (*Notices*).

**"Bankruptcy"** means a Reference Entity:

- (a) is dissolved (other than pursuant to a consolidation, amalgamation or merger);
- (b) becomes insolvent or is unable to pay its debts or fails or admits in writing in a judicial, regulatory or administrative proceeding or filing its inability generally to pay its debts as they become due;
- (c) makes a general assignment, arrangement, scheme or composition with or for the benefit of its creditors generally, or such a general assignment, arrangement, scheme or composition becomes effective;
- (d) institutes or has instituted against it a proceeding seeking a judgment of insolvency or bankruptcy or any other similar relief under any bankruptcy or insolvency law or other law affecting creditors' rights, or a petition is presented for its winding-up or liquidation, and, in the case of any such proceeding or petition instituted or presented against it, such proceeding or petition:

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (i) results in a judgment of insolvency or bankruptcy or the entry of an order for relief or the making of an order for its winding-up or liquidation; or
- (ii) is not dismissed, discharged, stayed or restrained in each case within thirty calendar days of the institution or presentation thereof;
- (e) has a resolution passed for its winding-up or liquidation (other than pursuant to a consolidation, amalgamation or merger);
- (f) seeks or becomes subject to the appointment of an administrator, provisional liquidator, conservator, receiver, trustee, custodian or other similar official for it or for all or substantially all its assets;
- (g) has a secured party take possession of all or substantially all its assets or has a distress, execution, attachment, sequestration or other legal process levied, enforced or sued on or against all or substantially all its assets and such secured party maintains possession, or any such process is not dismissed, discharged, stayed or restrained, in each case within thirty calendar days thereafter; or
- (h) causes or is subject to any event with respect to it which, under the applicable laws of any jurisdiction, has an analogous effect to any of the events specified in sub-paragraphs (a) to (g) (inclusive) above.

**"Basket Credit Securities"** means any Credit Securities specified as such in the Final Terms.

**"Bond"** means any obligation of a type included in the "Borrowed Money" Obligation Category that is in the form of, or represented by, a bond, note (other than notes delivered pursuant to Loans), certificated debt security or other debt security and shall not include any other type of Borrowed Money obligation.

**"Bond or Loan"** means any obligation that is either a Bond or a Loan.

**"Bonus Coupon Day Count Fraction"** means the relevant day count fraction specified in the relevant Final Terms, and to be read as though the terms relating to Day Count Fraction apply thereto.

**"Bonus Coupon Determination Date"** means the date specified in the Final Terms, or if not specified, the relevant Final Price Calculation Date.

**"Bonus Coupon Implicit Portfolio Size"** means the amount specified as such in the Final Terms.

**"Bonus Coupon Payment Date(s)"** means the dates specified as such in the Final Terms.

**"Bonus Coupon Writedown Rate"** means, in respect of an Event Determination Date relating to a Reference Entity, the Incurred Loss Amount (if any) divided by the initial Notional Amount (the Incurred Loss Amount for such purpose only, to be determined as though the Attachment Point, Exhaustion Point and Implicit Portfolio Size were respectively references to the Bonus Coupon Attachment Point, Bonus Coupon Exhaustion Point and Bonus Coupon Implicit Portfolio Size and further assuming that for such purpose, references to the definitions of Incurred Loss Amount and, if Incurred Recoveries are specified as applicable in the Final Terms, to Outstanding Notional Amount is to be the initial Notional Amount multiplied by the Outstanding Bonus Coupon Rate).

**"Borrowed Money"** means any obligation (excluding an obligation under a revolving credit arrangement for which there are no outstanding unpaid drawings in respect of principal) for the payment or repayment

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

of borrowed money (which term shall include, without limitation, deposits and reimbursement obligations arising from drawings pursuant to letters of credit).

**"Capped Reference Entity"** means, unless otherwise specified in the Final Terms, a Reference Entity having a specified Transaction Type in respect of which "60 Business Day Cap on Settlement" is expressed as applying in the Physical Settlement Matrix.

**"Change in Law"** means that, on or after the Trade Date (as specified in the Final Terms) (A) due to the adoption of or any change in any applicable law or regulation (including, without limitation, any tax law, solvency, regulatory or capital requirements), or (B) due to the promulgation of or any change in the interpretation by any court, tribunal or regulatory authority with competent jurisdiction of any applicable law or regulation (including any action taken by a taxing authority or financial authority), or the combined effect thereof if occurring more than once, the Issuer determines that:

- (a) it is unable to perform its obligations in respect of the Credit Securities or (where "Hedging Link Provisions" are specified as applicable in the applicable Final Terms) it has become illegal to hold, acquire or dispose of any relevant hedge positions in respect of the Credit Securities; or
- (b) where "Hedging Link Provisions" are specified as applicable in the applicable Final Terms, it or any of its Affiliates would incur a materially increased cost (including, without limitation, in respect of any tax, solvency, regulatory or capital requirements) in maintaining the Credit Securities in issue or in holding, acquiring or disposing of any relevant hedge positions of the Credit Securities.

**"CoCo Supplement"** means the 2014 CoCo Supplement to the 2014 ISDA Credit Derivatives Definitions, as published by ISDA.

**"Combination Credit Securities"** means any Credit Security specified as such in the Final Terms.

**"Component Notional Amount"** means, in relation to Combination Credit Securities and any Credit Component, an amount equal to the product of (i) the related Component Percentage and (ii) the initial aggregate Notional Amount of Combination Credit Securities.

**"Component Percentage"** means, in relation to Combination Credit Securities and any Credit Component such percentage as may be specified in the Final Terms.

**"Conditionally Transferable Obligation"** means a Deliverable Obligation that is either Transferable, in the case of Bonds, or capable of being assigned or novated to all Modified Eligible Transferees without the consent of any person being required, in the case of any Deliverable Obligation other than Bonds, in each case, as of both the NOPS Effective Date and the Delivery Date or, as applicable, as of the Relevant Valuation Date, provided, however, that a Deliverable Obligation other than Bonds will be a Conditionally Transferable Obligation notwithstanding that consent of the Reference Entity or the guarantor, if any, of a Deliverable Obligation other than Bonds (or the consent of the relevant obligor if the Reference Entity is guaranteeing such Deliverable Obligation) or any agent is required for such novation, assignment or transfer so long as the terms of such Deliverable Obligation provide that such consent may not be unreasonably withheld or delayed. Any requirement that notification of novation, assignment or transfer of a Deliverable Obligation be provided to a trustee, fiscal agent, administrative agent, clearing agent or paying agent for a Deliverable Obligation shall not be considered to be a requirement for consent for purposes of this definition of "Conditionally Transferable Obligation".

**"Conforming Reference Obligation"** means a Reference Obligation which is a Deliverable Obligation determined in accordance with paragraph (a) of the definition of "Deliverable Obligation".

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

**"Consent Required Loan"** means a Loan that is capable of being assigned or novated with the consent of the relevant Reference Entity or the guarantor, if any, of such Loan (or the consent of the relevant borrower if the Reference Entity is guaranteeing such Loan) or any agent, and, if specified as applicable to a Deliverable Obligation Category, the Consent Required Loan Deliverable Obligation Characteristic shall be applicable only in respect of obligations within the Deliverable Obligation Category that are Loans.

**"Credit Component"** means a set of credit-linkage terms, as specified in the Final Terms.

**"Credit Derivatives Auction Settlement Terms"** means, in relation to any Reference Entity, the Credit Derivatives Auction Settlement Terms published by ISDA, with respect to the relevant Reference Entity, a form of which will be published by ISDA on its website at [www.isda.org](http://www.isda.org) (or any successor website thereto) from time to time and as may be amended from time to time.

**"Credit Derivatives Definitions"** means the 2014 ISDA Credit Derivatives Definitions, as published by ISDA, and, in addition, if Additional Provisions are specified to be applicable with respect to the Credit Securities in the Final Terms, as supplemented by the Additional Provisions.

**"Credit Derivatives Determinations Committee"** means each committee established pursuant to the Rules for purposes of reaching certain DC Resolutions in connection with credit derivative transactions in the over-the-counter market, as more fully described in the Rules.

**"Credit Event"** means the occurrence of one or more of Bankruptcy, Failure to Pay, Obligation Acceleration, Obligation Default, Repudiation/Moratorium, Restructuring, Governmental Intervention as specified with respect to a Reference Entity.

If an occurrence would otherwise constitute a Credit Event, such occurrence will constitute a Credit Event whether or not such occurrence arises directly or indirectly from, or is subject to a defence based upon:

- (a) any lack or alleged lack of authority or capacity of the Reference Entity to enter into any Obligation or, as applicable, an Underlying Obligor to enter into any Underlying Obligation;
- (b) any actual or alleged unenforceability, illegality, impossibility or invalidity with respect to any Obligation or, as applicable, any Underlying Obligation, however described;
- (c) any applicable law, order, regulation, decree or notice, however described, or the promulgation of, or any change in, the interpretation by any court, tribunal, regulatory authority or similar administrative or judicial body with competent or apparent jurisdiction of any applicable law, order, regulation, decree or notice, however described; or
- (d) the imposition of, or any change in, any exchange controls, capital restrictions or any other similar restrictions imposed by any monetary or other authority, however described.

**"Credit Event Backstop Date"** means the date that is 60 calendar days prior to the Trade Date or, if so specified in the Final Terms, the Issue Date or such other date specified in the Final Terms. The Credit Event Backstop Date shall not be subject to adjustment in accordance with any Business Day Convention.

**"Credit Event Cash Settlement Amount"** means, in relation to any Reference Entity and unless otherwise specified in the Final Terms, an amount in the Settlement Currency as determined by the Calculation Agent in accordance with the formula below:

$$\text{Credit Event Cash Settlement Amount} = \text{Max (PPA, Max [0, Min (A, [(A \times B) - C])])}$$

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

Where:

"**A**" means the Reference Entity Notional Amount;

"**B**" means the Weighted Average Final Price, or if so specified in the Final Terms, the Final Price or such other price specified therein;

"**C**" means the Credit Unwind Costs (unless the Final Terms specify that Credit Unwind Costs are not applicable and/or that "Hedging Link Provisions" are not applicable, in which event "**C**" means zero); and

"**PPA**" means the Principal Protection Level specified in the Final Terms multiplied by the Reference Entity Notional Amount (and if there is no such level, shall be disregarded).

"**Credit Event Cash Settlement Date**" means the date that is the number of Business Days specified in the Final Terms (or, if a number of Business Days is not specified, three Business Days) immediately following the determination of the Weighted Average Final Price or if the Final Price is specified in the Final Terms, the date falling fifteen Credit Security Business Days following the date of the relevant DC Credit Event Announcement).

"**Credit Event Notice**" means an irrevocable notice from the Calculation Agent (which may be in writing (including by facsimile and/or email and/or by telephone)) to the Issuer that describes a Credit Event that occurred on or after the Credit Event Backstop Date and on or prior to the Extension Date.

Any Credit Event Notice that describes a Credit Event that occurred after the Credit Observation Period End Date must relate to the relevant Potential Failure to Pay, in the case of a Grace Period Extension Date, or the relevant Potential Repudiation/Moratorium, in the case of a Repudiation/Moratorium Evaluation Date.

A Credit Event Notice that describes a Credit Event other than an M(M)R Restructuring must be in respect of the full Reference Entity Notional Amount.

A Credit Event Notice must contain a description in reasonable detail of the facts relevant to the determination that a Credit Event has occurred, provided that where an Event Determination Date has occurred pursuant to sub-paragraph (b) of the definition thereof, a reference to the relevant DC Credit Event Announcement shall suffice. The Credit Event that is the subject of the Credit Event Notice need not be continuing on the date the Credit Event Notice is effective.

"**Credit Event Resolution Request Date**" means, with respect to a DC Credit Event Question, the date as publicly announced by the DC Secretary that the relevant Credit Derivatives Determinations Committee Resolves to be the date on which the DC Credit Event Question was effective and on which the relevant Credit Derivatives Determinations Committee was in possession of Publicly Available Information with respect to such DC Credit Event Question.

"**Credit Observation Period End Date**" means the date, if any, specified as such in the Final Terms or, if no such date is specified, the Scheduled Redemption Date.

"**Credit Securities**" means Certificates linked to the credit of a specified entity or entities.

"**Credit Security Business Day**" means, in respect of any Reference Entity, (a)(i) a day on which commercial banks and foreign exchange markets are generally open to settle payments in the place or places and on the days specified for that purpose with respect to such Reference Entity, and/or (ii) a TARGET Settlement Day (if "TARGET" or "TARGET Settlement Day" is specified with respect to such



## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

Reference Entity), or (b) if a place or places or such terms are not so specified, (i) if the related Reference Entity Notional Amount is denominated in the euro, a TARGET Settlement Day, or (ii) otherwise, a day on which commercial banks and foreign exchange markets are generally open to settle payments in the principal financial city in the jurisdiction of the currency of denomination of the related Reference Entity Notional Amount. Business Days referenced in the Physical Settlement Matrix shall be deemed to be Credit Security Business Days.

**"Credit Security Dealer"** means a dealer in obligations of the type of Obligation(s) (as the case may be) for which quotations are to be obtained (as selected by the Calculation Agent) and may include the Calculation Agent or its Affiliate and a Holder or its Affiliate or as may otherwise be specified in the Final Terms.

**"Credit Security Redemption Date"** means either:

- (a) the Scheduled Redemption Date; or
- (b) where an Extension Notice in relation to a Reference Entity is delivered by the Calculation Agent to the Issuer at or prior to 11:00 a.m. (London time) on the date falling two London Business Days prior to the Scheduled Redemption Date, the date falling two Business Days after the latest to occur of the expiry of the Notice Delivery Period, the expiry of the Post Dismissal Additional Period or the latest date on which it would be possible for the Calculation Agent or the Issuer to deliver a Credit Event Notice under paragraph (b)(i)(B) or (b)(ii) of the definition of "Event Determination Date".

**"Credit Unwind Costs"** means an amount (such amount prior to any apportionment pro rata, the **"Aggregate Unwind Costs"**), subject to a minimum of zero, determined by the Calculation Agent equal to the sum of (without duplication) all costs, expenses (including loss of funding), tax and duties incurred by the Issuer in connection with:

- (a) where applicable, the redemption, settlement, cancellation and/or termination of the Credit Securities (and/or the reduction in the Outstanding Notional Amount thereof); and
- (b) the related termination, settlement or re-establishment of any Hedge Transaction,

such amount to be either apportioned pro rata amongst the outstanding (and in the case of Partly Paid Certificates, paid-up) principal amount outstanding of each Credit Security or as an alternative, in respect of any substitution pursuant to a Reference Entity/Issuer Merger Event only, to be deducted pro rata from the interest accrued on each Credit Security.

**"Currency Amount"** means with respect to:

- (a) a Deliverable Obligation specified in a Notice of Physical Settlement or any NOPS Amendment Notice, as applicable, or a selected Valuation Obligation that is denominated in a currency other than the Settlement Currency, an amount converted to the Settlement Currency using a conversion rate determined by reference to the Currency Rate; and
- (b) a Replacement Deliverable Obligation specified in a NOPS Amendment Notice, an amount converted to the Settlement Currency (or, if applicable, back into the Settlement Currency) using a conversion rate determined by reference to the Currency Rate, if any, and each Revised Currency Rate used to convert each Replaced Deliverable Obligation Outstanding Amount specified in each NOPS Amendment Notice with respect to that portion of the relevant

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

Reference Entity Notional Amount into the currency of denomination of the relevant Replacement Deliverable Obligation.

**"Currency Rate"** means with respect to:

- (a) a Deliverable Obligation specified in the Notice of Physical Settlement or any NOPS Amendment Notice, as applicable, or a selected Valuation Obligation, the rate of conversion between the Settlement Currency and the currency in which the Outstanding Amount of such Deliverable Obligation is denominated that is either:
  - (i) determined by reference to the Currency Rate Source as at the Next Currency Fixing Time; or
  - (ii) if such rate is not available at such time, as the Calculation Agent shall determine in a commercially reasonable manner; and
- (b) a Replacement Deliverable Obligation specified in a NOPS Amendment Notice, the Revised Currency Rate.

**"Currency Rate Source"** means the mid-point rate of conversion published by WM/Reuters at 4:00 p.m. (London time), or any successor rate source approved by the relevant Credit Derivatives Determinations Committee.

**"DC Announcement Coverage Cut-off Date"** means, with respect to a DC Credit Event Announcement, the Auction Final Price Determination Date, the Auction Cancellation Date, or the date that is 21 calendar days following the No Auction Announcement Date, if any, as applicable.

**"DC Credit Event Announcement"** means, with respect to a Reference Entity, a public announcement by the DC Secretary that the relevant Credit Derivatives Determinations Committee has Resolved that an event that constitutes a Credit Event has occurred on or after the Credit Event Backstop Date and on or prior to the Extension Date, provided that if the Credit Event occurred after the Credit Observation Period End Date, the DC Credit Event Announcement must relate to the relevant Potential Failure to Pay, in the case of a Grace Period Extension Date, or the relevant Potential Repudiation/Moratorium, in the case of a Repudiation/Moratorium Evaluation Date.

**"DC Credit Event Meeting Announcement"** means, with respect to the Reference Entity, a public announcement by the DC Secretary that a Credit Derivatives Determinations Committee will be convened to Resolve the matters described in a DC Credit Event Question.

**"DC Credit Event Question"** means a notice to the DC Secretary requesting that a Credit Derivatives Determinations Committee be convened to Resolve whether an event that constitutes a Credit Event has occurred.

**"DC Credit Event Question Dismissal"** means, with respect to the Reference Entity, a public announcement by the DC Secretary that the relevant Credit Derivatives Determinations Committee has Resolved not to determine the matters described in a DC Credit Event Question.

**"DC No Credit Event Announcement"** means, with respect to the Reference Entity, a public announcement by the DC Secretary that the relevant Credit Derivatives Determinations Committee has Resolved that an event that is the subject of a DC Credit Event Question does not constitute a Credit Event.

**"DC Resolution"** has the meaning given to that term in the Rules.

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

**"DC Resolution Reversal Cut-off Date"** means the earliest to occur of the Auction Final Price Determination Date, a Valuation Date, a Physical Settlement Date, a Delivery Date, the Credit Security Redemption Date or other redemption date of the Credit Securities or the date on which instructions are given by or on behalf of the Issuer for any such redemption or any date, as determined by the Calculation Agent acting in a commercially reasonable manner, of termination, settlement, replacement or re-establishment in whole or in part of any Hedge Transaction (or entry into a binding commitment in respect of any of the foregoing) by or on behalf of the Issuer and/or any of its Affiliates (following the occurrence of an Event Determination Date or in reliance on a prior DC Resolution), as applicable.

**"DC Secretary"** has the meaning given to that term in the Rules.

**"Deemed Interest Reduction"** has the meaning given to such term in Credit Security Condition 4(b) (*Tranched Credit Securities*).

**"Default Requirement"** means the amount as may be specified as such in the Final Terms or, if a Transaction Type is specified, the amount specified as such in the Physical Settlement Matrix or its equivalent in the relevant Obligation Currency (or, if no such amount is specified, U.S.\$ 10,000,000 or its equivalent in the relevant Obligation Currency), in either case, as of the occurrence of the relevant Credit Event.

**"Deliver"** means:

- (a) to deliver, novate, transfer (including, in the case of a Guarantee, transfer of the benefit of the Guarantee), assign or sell, as appropriate, in the manner customary for the settlement of the applicable Deliverable Obligations (which shall include executing all necessary documentation and taking any other necessary actions), in order to convey all right, title (or, with respect to Deliverable Obligations where only equitable title is customarily conveyed, all equitable title) and interest in the Deliverable Obligations specified in the Notice of Physical Settlement or any NOPS Amendment Notice, as applicable, to the Issuer or the Holders, as the case may be, free and clear of any and all liens, charges, claims or encumbrances (excluding any liens routinely imposed on all securities in a relevant clearance system, but including, without limitation, any counterclaim, defence (other than a counterclaim or defence based on the factors set forth in the definition of "Credit Event") or right of set-off by or of the Reference Entity or any applicable Underlying Obligor) provided that (i) if a Deliverable Obligation is a Direct Loan Participation, "Deliver" means to create (or procure the creation of) a participation in favour of the Issuer or the Holders, as the case may be, and (ii) if a Deliverable Obligation is a Guarantee, "Deliver" means to Deliver both the Underlying Obligation and the Guarantee, provided further that if the Guarantee has a Fixed Cap, (A) "Deliver" means to Deliver the Underlying Obligation, the Guarantee and all claims to any amounts which are subject to such Fixed Cap and (B) those claims shall be deemed to be Deliverable Obligations). **"Delivery"** and **"Delivered"** will be construed accordingly.

In the case of a Loan, Delivery shall be effected using documentation substantially in the form of the documentation customarily used in the relevant market for Delivery of such Loan at that time, provided further that the Issuer and each Holder agrees to comply with the provisions of any documentation (which shall include any market advisory that the relevant Credit Derivatives Determinations Committee Resolves to approve for such purpose) that the relevant Credit Derivatives Determinations Committee Resolves constitutes documentation customarily used in the relevant market for Delivery of such Loan at that time, as such documentation may be amended to the extent the relevant Credit Derivatives Determinations Committee Resolves is appropriate, which is consistent with the delivery and payment obligations of the parties

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

hereunder. The Issuer agrees, and each Holder is deemed to further agree, that compliance by the Issuer with the provisions of any such documentation shall be required for, and, without further action, constitute, Delivery for the purposes of this definition (to the extent that such documentation contains provisions describing how Delivery should be effected) and neither the Issuer nor any Holder shall be permitted to request that any party take nor shall the Issuer or any Holder be required to take, any action or make any payment in connection with such Delivery, as applicable, unless otherwise contemplated by such documentation.

- (b) If Asset Package Delivery applies, (i) Delivery of a Prior Deliverable Obligation or a Package Observable Bond specified in the Notice of Physical Settlement or NOPS Amendment Notice, as applicable, may be satisfied by Delivery of the related Asset Package, and such Asset Package shall be treated as having the same currency, Outstanding Principal Balance or Due and Payable Amount, as applicable, as the Prior Deliverable Obligation or Package Observable Bond to which it corresponds had immediately prior to the Asset Package Credit Event, (ii) paragraph (a) of the definition of "Deliver" and the relevant provisions on delivery shall be deemed to apply to each Asset in the Asset Package provided that if any such Asset is not a Bond, it shall be treated as if it were a Loan for these purposes, (iii) if the Asset Package is zero, the Outstanding Amount of the Prior Deliverable Obligation or Package Observable Bond shall be deemed to have been Delivered in full three Business Days following the date on which the Issuer or Calculation Agent (on its behalf) has notified the Holders of the detailed description of the Asset Package that it intends to Deliver in accordance with the definition of "Notice of Physical Settlement", (iv) the Issuer may satisfy its obligation to make Delivery of the Prior Deliverable Obligation or Package Observable Bond in part by Delivery of each Asset in the Asset Package in the correct proportion and (v) if the relevant Asset is a Non-Transferable Instrument or Non-Financial Instrument, the Asset shall be deemed to be an amount of cash equal to the Asset Market Value.

**"Deliverable Obligation"** means:

- (a) any obligation of the relevant Reference Entity (either directly or as provider of a Relevant Guarantee) determined pursuant to the Method for Determining Deliverable Obligations;
- (b) the Reference Obligation;
- (c) solely in relation to a Restructuring Credit Event applicable to a Reference Entity which is a Sovereign, and unless Asset Package Delivery is applicable, any Sovereign Restructured Deliverable Obligation; and
- (d) if Asset Package Delivery is applicable, any Prior Deliverable Obligation (if "Financial Reference Entity Terms" is specified as applicable in respect of the Reference Entity) or any Package Observable Bond (if the Reference Entity is a Sovereign),

in each case, (i) unless it is an Excluded Deliverable Obligation and (ii) provided that the obligation has an Outstanding Principal Balance or Due and Payable Amount that is greater than zero (determined for purposes of paragraph (d), immediately prior to the relevant Asset Package Credit Event).

For purposes of the **"Method for Determining Deliverable Obligations"**, the term "Deliverable Obligation" may be defined as each obligation of the Reference Entity described by the Deliverable Obligation Category specified in respect of the Reference Entity, and, subject to Credit Security Condition 6 (*Provisions relating to Obligation Category and Characteristics and Deliverable Obligation Category and Characteristics*), having each of the Deliverable Obligation Characteristics, if any,

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

specified in respect of the Reference Entity, in each case, as of both the NOPS Effective Date and the Delivery Date (unless otherwise specified).

**"Deliverable Obligation Category"** means one of Payment, Borrowed Money, Reference Obligation Only, Bond, Loan, or Bond or Loan as specified in relation to a Reference Entity. If any of Payment, Borrowed Money, Loan or Bond or Loan is specified as the Deliverable Obligation Category and more than one of Assignable Loan, Consent Required Loan and Direct Loan Participation are specified as Deliverable Obligation Characteristics, the Deliverable Obligations may include any Loan that satisfies any one of such Deliverable Obligation Characteristics specified and need not satisfy all such Deliverable Obligation Characteristics. No Deliverable Obligation Characteristics are applicable to Reference Obligation Only.

**"Deliverable Obligation Characteristics"** means any one or more of Not Subordinated, Specified Currency, Not Sovereign Lender, Not Domestic Currency, Not Domestic Law, Listed, Not Domestic Issuance, Assignable Loan, Consent Required Loan, Direct Loan Participation, Transferable, Maximum Maturity, Accelerated or Matured and Not Bearer.

**"Deliverable Obligation Provisions"** in relation to any Reference Entity, has the meaning set forth in the Credit Derivatives Auction Settlement Terms.

**"Deliverable Obligation Terms"** in relation to any Reference Entity, has the meaning set forth in the relevant Credit Derivatives Auction Settlement Terms.

**"Delivery Date"** means, with respect to a Deliverable Obligation or an Asset Package, the date on which such Deliverable Obligation or Asset Package is Delivered (or deemed Delivered under paragraph (b)(iii) of the definition of "Deliver").

**"Direct Loan Participation"** means a Loan in respect of which, pursuant to a participation agreement, the Issuer is capable of creating, or procuring the creation of, a contractual right in favour of each Holder that provides each Holder with recourse to the participation seller for a specified share in any payments due under the relevant Loan which are received by such participation seller, any such agreement to be entered into between each Holder and either:

- (a) the Issuer or the Guarantor (as applicable) (in either case, to the extent that the Issuer or the Guarantor (as applicable), is then a lender or member of the relevant lending syndicate), or
- (b) a Qualifying Participation Seller (if any) (to the extent such Qualifying Participation Seller is then a lender or a member of the relevant lending syndicate).

**"Distribution End Date"** means the date specified as such in the Final Terms.

**"Distribution Period Event Determination Date"** means, in respect of Basket Credit Securities and any Reference Entity, the occurrence of an Event Determination Date with respect to such Reference Entity prior to the Distribution End Date.

**"Domestic Currency"** means the currency specified as such in relation to a Reference Entity and any successor currency thereto. If no currency is so specified, the Domestic Currency shall be the lawful currency and any successor currency of:

- (a) the relevant Reference Entity, if the Reference Entity is a Sovereign; or
- (b) the jurisdiction in which the relevant Reference Entity is organised, if the Reference Entity is not a Sovereign.

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

**"Domestic Law"** means each of the laws of (a) the Reference Entity, if such Reference Entity is a Sovereign, or (b) the jurisdiction in which the Reference Entity is organized, if such Reference Entity is not a Sovereign.

**"Downstream Affiliate"** means an entity whose outstanding Voting Shares were, at the date of issuance of the Qualifying Guarantee, more than 50 per cent. owned, directly or indirectly, by the Reference Entity.

**"Due and Payable Amount"** means the amount that is due and payable by the Reference Entity under the obligation whether by reason of maturity, acceleration, termination or otherwise (excluding sums in respect of default interest, indemnities, tax gross-ups and other similar amounts) less all or any portion of such amount which, pursuant to the terms of the obligation (a) is subject to any Prohibited Action, or (b) may otherwise be reduced as a result of the effluxion of time or the occurrence or non-occurrence of an event or circumstance (other than by way of (i) payment or (ii) a Permitted Contingency), in each case, determined in accordance with the terms of the obligation in effect on either (A) the NOPS Effective Date (or if the terms of the obligation are amended after such date but on or prior to the Delivery Date, the Delivery Date) or (B) the Relevant Valuation Date, as applicable.

**"Eligible Information"** means information which is publicly available or which can be made public without violating any law, agreement, understanding or other restriction regarding the confidentiality of such information.

**"Eligible Transferee"** means each of the following:

- (a) any:
  - (i) bank or other financial institution;
  - (ii) insurance or reinsurance company;
  - (iii) mutual fund, unit trust or similar collective investment vehicle (other than an entity described in sub-paragraph (c)(i) below); and
  - (iv) registered or licensed broker or dealer (other than a natural person or proprietorship),  
provided, however, in each case that such entity has total assets of at least USD 500,000,000;
- (b) an Affiliate of an entity specified in (a) above;
- (c) each of a corporation, partnership, proprietorship, organisation, trust or other entity:
  - (i) that is an investment vehicle (including, without limitation, any hedge fund, issuer of collateralized debt obligations, commercial paper conduit or other special purpose vehicle) that (I) has total assets of at least USD 100,000,000 or (II) is one of a group of investment vehicles under common control or management having, in aggregate, total assets of at least USD 100,000,000;
  - (ii) that has total assets of at least USD 500,000,000; or
  - (iii) the obligations of which under an agreement, contract or transaction are guaranteed or otherwise supported by a letter of credit or keepwell, support, or other agreement by an entity described in paragraphs (a), (b), (c)(ii) or (d) hereof; and
- (d) any:

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (i) Sovereign; or
- (ii) entity or organization established by treaty or other arrangement between two or more Sovereigns including, without limiting the foregoing, the International Monetary Fund, European Central Bank, International Bank for Reconstruction and Development and European Bank for Reconstruction and Development,

All references in this definition to U.S.\$ or USD include equivalent amounts in other currencies, as determined by the Calculation Agent.

**"Event Determination Date"** means, in respect of any Credit Event:

- (a) subject to sub-paragraph (b) below, the Notice Delivery Date, if the Notice Delivery Date occurs during either the Notice Delivery Period or the Post Dismissal Additional Period, provided that neither a DC Credit Event Announcement nor a DC No Credit Event Announcement has occurred, in each case, with respect to the Credit Event specified in the Credit Event Notice; or
- (b) save in respect of an M(M)R Restructuring Credit Event and notwithstanding sub-paragraph (a) above, if a DC Credit Event Announcement has occurred and the Credit Event Resolution Request Date has occurred on or prior to the last day of the Notice Delivery Period (including prior to the Trade Date), either:
  - (i) the Credit Event Resolution Request Date, if either:
    - (A) (I) the Credit Event is not an M(M)R Restructuring; and
    - (II) the Trade Date occurs on or prior to a DC Announcement Coverage Cut-off Date; or
    - (B) (I) the Credit Event is an M(M)R Restructuring; and
    - (II) a Credit Event Notice is delivered by the Calculation Agent to the Issuer on or prior to the Exercise Cut-off Date; or
  - (ii) the first date on which a Credit Event Notice is delivered by the Calculation Agent to the Issuer during either the Notice Delivery Period or the period from and including the date of the DC Credit Event Announcement to and including the date that is 15 Business Days thereafter,

provided that:

- (i) no Physical Settlement Date or Credit Event Cash Settlement Date (as applicable) has occurred on or prior to the date on which the DC Credit Event Meeting Announcement occurs;
- (ii) if any Valuation Date or Delivery Date, as applicable, has occurred on or prior to the date on which the DC Credit Event Meeting Announcement occurs, an Event Determination Date shall be deemed to have occurred only with respect to the portion of the Reference Entity Notional Amount, if any, with respect to which no Valuation Date or Delivery Date, as applicable, has occurred; and
- (iii) no Credit Event Notice specifying an M(M)R Restructuring as the only Credit Event has previously been delivered by the Calculation Agent to the Issuer:

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (A) unless the M(M)R Restructuring specified in such Credit Event Notice is also the subject of the DC Credit Event Question resulting in the occurrence of the Credit Event Resolution Request Date;
- (B) unless, and to the extent that, the Exercise Amount specified in any such Credit Event Notice was less than the then outstanding Reference Entity Notional Amount; or
- (C) unless the Notional Credit Derivative Transaction is an Auction Covered Transaction and the Deliverable Obligations set out on the Final List are identical to the Permissible Deliverable Obligations for such Notional Credit Derivative Transaction.

No Event Determination Date will occur with respect to an event, and any Event Determination Date previously determined with respect to an event shall be deemed not to have occurred, if, or to the extent that, a DC No Credit Event Announcement occurs with respect to the event that, but for such DC No Credit Event Announcement, would have constituted a Credit Event, prior to the DC Resolution Reversal Cut-off Date.

Where the Credit Securities are Basket Credit Securities, Tranching Credit Securities or Nth-to-Default Credit Securities and an Event Determination Date occurs with respect to more than one Reference Entity on the same day, the Calculation Agent shall determine the order in which such Event Determination Dates occurred acting in good faith and in a reasonable manner.

**"Excess Amount"** means any amount paid to the Holders but which was not due on the Credit Securities, as a result of the occurrence of a DC Credit Event Announcement, Event Determination Date or Credit Event Resolution Request Date on or around the date on which the amount in question would otherwise have been required to be paid or as a result of any Writedown Amount not having been taken into account.

**"Excluded Deliverable Obligation"** means:

- (a) any obligation of the Reference Entity specified as such or of a type described in the related Final Terms;
- (b) any principal only component of a Bond from which some or all of the interest components have been stripped; and
- (c) if Asset Package Delivery is applicable, any obligation issued or incurred on or after the date of the relevant Asset Package Credit Event.

**"Excluded Obligation"** means:

- (a) any obligation of the Reference Entity specified as such or of a type described in the related Final Terms;
- (b) if "Financial Reference Entity Terms" is specified as applicable in respect of the Reference Entity and the Reference Entity is a Senior Transaction, then for purposes of determining whether a Governmental Intervention or Restructuring has occurred, any Subordinated Obligation; and
- (c) if "Financial Reference Entity Terms" is specified as applicable in respect of the Reference Entity and the Reference Entity is a Subordinated Transaction, then for purposes of determining



## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

whether a Governmental Intervention or Restructuring has occurred, any Further Subordinated Obligation.

**"Exercise Amount"** has the meaning given to it in Credit Security Condition 9(a)(i) (*Multiple Credit Event Notices*).

**"Exercise Cut-off Date"** means the date that is the later of:

- (a) 65 Business Days following the Final List Publication Date;
- (b) 15 Credit Security Business Days following the Auction Final Price Determination Date, if any;
- (c) 15 Credit Security Business Days following the Auction Cancellation Date, if any; or
- (d) 15 Credit Security Business Days following the No Auction Announcement Date, if any,

or such later date as the relevant Credit Derivatives Determinations Committee Resolves.

**"Exhaustion Point"** means, in respect of Tranching Credit Securities, the value specified as such in the Final Terms.

**"Extended Physical Settlement Date"** means:

- (a) in the case of a Capped Reference Entity, the 60<sup>th</sup> Credit Security Business Day following the Physical Settlement Date, provided that if, under the terms of a Hedge Transaction, the Original Bonds or Original Loans (or Assets which form part of the Asset Package intended to be Delivered in lieu of a Prior Deliverable Obligation or Package Observable Bond (the "**Original Assets**"), or any other Deliverable Obligations in lieu thereof), may not be received by the Issuer and/or any of its Affiliates on or before the Extended Physical Settlement Date but the Issuer and/or any of its Affiliates may, in accordance with the terms of the Hedge Transaction, receive or otherwise obtain such Original Bonds or such Original Loans or other Bonds or Loans in lieu thereof or Original Assets or any other Deliverable Obligations in lieu thereof on or before the date falling three Credit Security Business Days (in a case where Original Bonds may be received or otherwise obtained after the Extended Physical Settlement Date) or ten Credit Security Business Days (in a case where Original Loans or other Loans or Bonds in lieu thereof or Original Assets or any other Deliverable Obligations in lieu thereof may be received or otherwise obtained after the Extended Physical Settlement Date) after the Extended Physical Settlement Date, such date may be further extended to a date falling up to three Credit Security Business Days or ten Credit Security Business Days, respectively, after the original Extended Physical Settlement Date, or to such earlier date as the Calculation Agent may determine, acting in good faith and in a commercially reasonable manner; and
- (b) in the case of a Non-Capped Reference Entity, such date as the Calculation Agent may select, provided that such date falls no later than the 120<sup>th</sup> Credit Security Business Day following the Physical Settlement Date or, in the absence of such selection, such 120<sup>th</sup> Credit Security Business Day.

**"Extension Date"** means the latest of:

- (a) the Credit Observation Period End Date;
- (b) the Grace Period Extension Date if:

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (i) "Failure to Pay" and "Grace Period Extension" are specified as applicable in relation to any Reference Entity;
  - (ii) the Potential Failure to Pay with respect to the relevant Failure to Pay occurs on or prior to the Credit Observation Period End Date; and
  - (iii) an Extension Notice is delivered under sub-paragraph (b) of the definition thereof;
- (c) the Repudiation/Moratorium Evaluation Date (if any) if:
- (i) Repudiation/Moratorium is specified as applicable in relation to any Reference Entity; and
  - (ii) an Extension Notice is delivered under sub-paragraph (c) of the definition thereof.

**"Extension Notice"** means a notice from the Calculation Agent to the Issuer giving notice of the following in relation to a Reference Entity:

- (a) without prejudice to sub-paragraphs (b), (c) or (d) below, that a Credit Event has occurred or may occur on or prior to the Credit Observation Period End Date; or
- (b) that a Potential Failure to Pay has occurred or may occur on or prior to the Credit Observation Period End Date; or
- (c) that a Potential Repudiation/Moratorium has occurred or may occur on or prior to the Credit Observation Period End Date; or
- (d) that a Credit Event Resolution Request Date has occurred or may occur on or prior to the last day of the Notice Delivery Period.

**"Failure to Pay"** means, after the expiration of any applicable Grace Period (after the satisfaction of any conditions precedent to the commencement of such Grace Period), the failure by a Reference Entity to make, when and where due, any payments in an aggregate amount of not less than the Payment Requirement under one or more Obligations in accordance with the terms of such Obligations at the time of such failure.

If an occurrence that would constitute a Failure to Pay (a) is a result of a redenomination that occurs as a result of action taken by a Governmental Authority which is of general application in the jurisdiction of such Governmental Authority and (b) a freely available market rate of conversion existed at the time of the redenomination, then such occurrence will be deemed not to constitute a Failure to Pay unless the redenomination itself constituted a reduction in the rate or amount of interest, principal or premium payable (as determined by reference to such freely available market rate of conversion) at the time of such redenomination.

**"Fallback Settlement Event"** means:

- (a) an Auction Cancellation Date occurs;
- (b) a No Auction Announcement Date occurs (and in circumstances where the No Auction Announcement Date occurs pursuant to sub-paragraph (b) or (c)(ii) of the definition thereof, the Issuer has not delivered an Auction Settlement Amount Notice specifying an applicable Parallel Auction Settlement Terms on or prior to the Movement Option Cut-off Date);
- (c) a DC Credit Event Question Dismissal occurs; or

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (d) an Event Determination Date has occurred pursuant to sub-paragraph (a) of the definition of "Event Determination Date", and no Credit Event Request Resolution Date has occurred within three Business Days of such Event Determination Date.

**"Fallback Settlement Method"** means Cash Settlement or Physical Settlement, as specified in the Final Terms.

**"Final List"** has the meaning given to that term in the Rules.

**"Final List Publication Date"** means, in respect of a Credit Event, the date on which the last Final List in respect of such Credit Event is published by ISDA.

**"Final Price"** means:

- (a) the price specified in the Final Terms as being the Final Price with respect to a Reference Entity; or
- (b) the price of the Reference Obligation or, as applicable, any Valuation Obligation, Deliverable Obligation or Undeliverable Obligation expressed as a percentage of its Outstanding Principal Balance or Due and Payable Amount (or, as the case may be, the Outstanding Amount of the relevant Prior Deliverable Obligation or Package Observable Bond immediately prior to the Asset Package Credit Event), as applicable, determined in accordance with:
- (i) the highest Quotation obtained by the Calculation Agent (or otherwise in accordance with the definition of "Quotation") with respect to the Relevant Valuation Date (or, in the case of a relevant Asset other than Borrowed Money and other than a Non-Transferable Instrument or Non-Financial Instrument, such other market value of the relevant Asset as may be determined by the Calculation Agent in good faith and in a commercially reasonable manner); or
- (ii) if the relevant Asset is a Non-Transferable Instrument or Non-Financial Instrument, the relevant Asset Market Value.

For the avoidance of doubt, if the Asset Package is or is deemed to be zero, the Final Price shall be zero. If the Final Price is specified in the Final Terms, the Final Price shall be the price so specified.

**"Final Price Calculation Date"** means an Auction Final Price Determination Date or, as the case may be, the date on which the Weighted Average Final Price or (as applicable) the Final Price is determined in respect of a particular Credit Event and the relevant Reference Entity or, in the case of Zero Recovery Credit Securities, the relevant Event Determination Date.

**"Final Settlement Date"** means the 10th Business Day following the latest to occur of the Final Price Calculation Dates in respect of the Reference Entities.

**"First Ranking Interest"** means an Interest which is expressed as being "first ranking", "first priority", or similar ("**First Ranking**") in the document creating such Interest (notwithstanding that such Interest may not be First Ranking under any insolvency laws of any relevant insolvency jurisdiction of the LPN Issuer).

**"Fixed Cap"** means, with respect to a Guarantee, a specified numerical limit or cap on the liability of the Reference Entity in respect of some or all payments due under the Underlying Obligation, provided that a Fixed Cap shall exclude a limit or cap determined by reference to a formula with one or more variable

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

inputs (and for these purposes, the outstanding principal or other amounts payable pursuant to the Underlying Obligation shall not be considered to be variable inputs).

**"Full Quotation"** means, in accordance with the bid quotations provided by the Credit Security Dealers, each firm quotation (expressed as a percentage of the Outstanding Principal Balance or Due and Payable Amount, as applicable) obtained from a Credit Security Dealer at the Valuation Time, to the extent reasonably practicable, for an amount of the Reference Obligation, Deliverable Obligation or, as the case may be, Undeliverable Obligations with an Outstanding Principal Balance or Due and Payable Amount, as applicable, equal to the Quotation Amount.

**"Fully Transferable Obligation"** means a Deliverable Obligation that is either Transferable, in the case of Bonds, or capable of being assigned or novated to all Eligible Transferees without the consent of any person being required in the case of any Deliverable Obligation other than Bonds, in each case, as of both the NOPS Effective Date and the Delivery Date or, as applicable, the Relevant Valuation Date. Any requirement that notification of novation, assignment or transfer of a Deliverable Obligation be provided to a trustee, fiscal agent, administrative agent, clearing agent or paying agent for a Deliverable Obligation shall not be considered to be a requirement for consent for purposes of this definition of "Fully Transferable Obligation".

**"Further Subordinated Obligation"** means, if the Reference Obligation or Prior Reference Obligation, as applicable, is a Subordinated Obligation, any obligation which is Subordinated thereto.

**"Governmental Authority"** means (i) any *de facto* or *de jure* government (or any agency, instrumentality, ministry or department thereof); (ii) any court, tribunal, administrative or other governmental, inter-governmental or supranational body; (iii) any authority or any other entity (private or public) either designated as a resolution authority or charged with the regulation or supervision of the financial markets (including a central bank) of the Reference Entity or some or of all of its obligations; or (iv) any other authority which is analogous to any of the entities specified in (i) to (iii).

**"Governmental Intervention"** means:

- (a) that, with respect to one or more Obligations and in relation to an aggregate amount of not less than the Default Requirement, any one or more of the following events occurs as a result of action taken or an announcement made by a Governmental Authority pursuant to, or by means of, a restructuring and resolution law or regulation (or any other similar law or regulation), in each case, applicable to the Reference Entity in a form which is binding, irrespective of whether such event is expressly provided for under the terms of such Obligation:
  - (i) any event which would affect creditors' rights so as to cause:
    - (A) a reduction in the rate or amount of interest payable or the amount of scheduled interest accruals (including by way of redenomination);
    - (B) a reduction in the amount of principal or premium payable at redemption (including by way of redenomination);
    - (C) a postponement or other deferral of a date or dates for either (I) the payment or accrual of interest, or (II) the payment of principal or premium; or
    - (D) a change in the ranking in priority of payment of any Obligation, causing the Subordination of such Obligation to any other Obligation;

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (ii) an expropriation, transfer or other event which mandatorily changes the beneficial holder of the Obligation;
  - (iii) a mandatory cancellation, conversion or exchange; or
  - (iv) any event which has an analogous effect to any of the events specified in (a)(i) to (a)(iii) above.
- (b) For purposes of (a) above, the term Obligation shall be deemed to include Underlying Obligations for which the Reference Entity is acting as provider of a Guarantee.

**"Grace Period"** means:

- (a) subject to sub-paragraphs (b) and (c), the applicable grace period with respect to payments under and in accordance with the terms of such Obligation in effect as of the date as of which such Obligation is issued or incurred;
- (b) if "Grace Period Extension" is applicable in relation to the relevant Reference Entity, a Potential Failure to Pay has occurred on or prior to the Credit Observation Period End Date and the applicable grace period cannot, by its terms, expire on or prior to the Credit Observation Period End Date, the Grace Period shall be deemed to be the lesser of such grace period and the period specified as such in the Final Terms or, if no period is specified, thirty calendar days; and
- (c) if, as of the date as of which an Obligation is issued or incurred, no grace period with respect to payments or a grace period with respect to payments of less than three Grace Period Business Days is applicable under the terms of such Obligation, a Grace Period of three Grace Period Business Days shall be deemed to apply to such Obligation; provided that, unless Grace Period Extension is specified as applicable in relation to the relevant Reference Entity, such deemed Grace Period shall expire no later than the Credit Observation Period End Date.

**"Grace Period Business Day"** means a day on which commercial banks and foreign exchange markets are generally open to settle payments in the place or places and on the days specified for that purpose in the relevant Obligation or if a place or places are not so specified, (a) if the Obligation Currency is the euro, a TARGET Settlement Day, or (b) otherwise, a day on which commercial banks and foreign exchange markets are generally open to settle payments in the principal financial city in the jurisdiction of the Obligation Currency.

**"Grace Period Extension Date"** means, if:

- (a) "Grace Period Extension" is specified as applicable in relation to a Reference Entity; and
- (b) a Potential Failure to Pay occurs on or prior to the Credit Observation Period End Date,

the date that is the number of days in the Grace Period after the date of such Potential Failure to Pay. If "Grace Period Extension" is not specified as applicable in relation to a Reference Entity, Grace Period Extension shall not apply.

**"Guarantee"** means a Relevant Guarantee or a guarantee which is the Reference Obligation.

**"Hedge Disruption Event"** means the Issuer and/or any of its Affiliates has not received the relevant Deliverable Obligations and/or cash under the terms of a Hedge Transaction.

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

**"Hedge Transaction"** means any transaction or trading position entered into or held by the Issuer and/or any of its Affiliates to hedge, directly or indirectly, the Issuer's obligations or positions (whether in whole or in part) in respect of the Credit Securities.

**"Hedging Disruption"** means that the Issuer, the Guarantor, if applicable, and/or any of their respective Affiliates is unable, after using commercially reasonable efforts, or is no longer permitted pursuant to its internal policies in relation to dealings with sanctioned entities or territories to (A) acquire, establish, re-establish, substitute, maintain, unwind or dispose of any transaction(s) or asset(s) or any futures or options contract(s) it deems necessary to hedge its exposure with respect to the Credit Securities, or (B) freely realise, recover, remit, receive, repatriate or transfer the proceeds of any such transaction(s) or asset(s) or any futures or options contract(s) or any relevant hedge positions relating to the Credit Securities.

**"Implicit Portfolio Size"** means an amount equal to the aggregate Notional Amount as at the Issue Date divided by the Tranche Size.

**"Increased Cost of Hedging"** means that the Issuer, the Guarantor (if applicable) and/or any of their respective Affiliates would incur a materially increased (as compared with circumstances existing on the Trade Date) amount of tax, duty, expense or fee (other than brokerage commissions) to (A) acquire, establish, re-establish, substitute, maintain, unwind or dispose of any transaction(s) or asset(s) it deems necessary to hedge the market risk (including, without limitation, equity price risk, foreign exchange risk and interest rate risk) of the Issuer or the Guarantor, (if applicable), issuing and performing its obligations with respect to the Credit Securities, or (B) realise, recover or remit the proceeds of any such transaction(s) or asset(s), provided that any such materially increased amount that is incurred solely due to the deterioration of the creditworthiness of the Issuer, the Guarantor, (if applicable) and/or any of their respective Affiliates shall not be deemed an Increased Cost of Hedging.

**"Incurred Loss Amount"** means, with respect to a Reference Entity and a Final Price Calculation Date, an amount calculated on such Final Price Calculation Date equal to the lowest of:

- (a) the Loss Amount;
- (b) the Aggregate Loss Amount (including the related Loss Amount for that Reference Entity and Final Price Calculation Date) minus the Loss Threshold Amount on such Final Price Calculation Date (following any adjustments thereto on such date), subject to a minimum of zero; and
- (c) the aggregate Outstanding Notional Amount of the Credit Securities (prior to any reduction thereto in respect of that Reference Entity and Final Price Calculation Date).

**"Incurred Recovery Amount"** means, with respect to a Reference Entity and a Final Price Calculation Date, an amount calculated on such Final Price Calculation Date equal to the lowest of:

- (a) the Recovery Amount;
- (b) the Aggregate Recovery Amount (including the related Recovery Amount for that Reference Entity and Final Price Calculation Date) minus the Recovery Threshold Amount on such Final Price Calculation Date (following any adjustments thereto on such date), subject to a minimum of zero; and
- (c) the aggregate Outstanding Notional Amount of the Credit Securities (prior to any reduction thereto in respect of that Reference Entity and Final Price Calculation Date).

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

**"Index Sponsor"** means, in respect of a Relevant Annex, the index sponsor (if any) specified as such in the Final Terms.

**"Interest"** means, for the purposes of the definition of "First Ranking Interest", a charge, security interest or other type of interest having similar effect.

**"Interest Shortfall Amount"** means, in respect of each Credit Security and any Interest Payment Date or the Final Settlement Date, an amount equal to the aggregate of the shortfalls in the interest paid in respect of such Credit Security on any previous Interest Payment Date as a result of a Deemed Interest Reduction as against the interest which would have been payable in respect of such Credit Security on such Interest Payment Date on the basis of the actual Writedown Amount (if any) determined on the related Final Price Calculation Date or, as the case may be, on the basis of a determination by the Calculation Agent that no Event Determination Date has subsequently occurred or could subsequently occur in respect of the relevant Reference Entity.

**"Interest Shortfall Payment Date"** means, in respect of an Interest Shortfall Amount, the first Interest Payment Date to occur after the second Business Day following the related Final Price Calculation Date or the related date of determination by the Calculation Agent that no Event Determination Date has subsequently occurred or could subsequently occur in respect of the relevant Reference Entity, or, if there is no such Interest Payment Date, the Final Settlement Date

**"ISDA"** means the International Swaps and Derivatives Association, Inc. (or any successor thereto).

**"Largest Asset Package"** means, in respect of a Prior Deliverable Obligation or a Package Observable Bond, as the case may be, the package of Assets for which the greatest amount of principal has been or will be exchanged or converted (including by way of amendment), as determined by the Calculation Agent by reference to Eligible Information. If this cannot be determined, the Largest Asset Package will be the package of Assets with the highest immediately realizable value, determined by the Calculation Agent in accordance with the methodology, if any, determined by the relevant Credit Derivatives Determinations Committee.

**"Latest Maturity Restructured Bond or Loan"** means, in respect of a Reference Entity and a Credit Event that is a Restructuring, the Restructured Bond or Loan with the latest final maturity date.

**"Latest Permissible Physical Settlement Date"** means, in respect of a Potential Cash Settlement Event in respect of a Deliverable Obligation comprised of Loans where "Partial Credit Event Cash Settlement of Consent Required Loans", "Partial Credit Event Cash Settlement of Assignable Loans" or "Partial Credit Event Cash Settlement of Participations" is specified as applicable in respect of the relevant Reference Entity, the date that is 15 Credit Security Business Days after the Physical Settlement Date, or, in respect of any other Potential Cash Settlement Event, 30 calendar days following the Physical Settlement Date.

**"Legacy Reference Entity"** has the meaning given to such term in Credit Security Condition 7(c)(ii) (*Nth-to-Default*).

**"Limitation Date"** means, in respect of a Credit Event that is a Restructuring, the first of March 20, June 20, September 20 or December 20 in any year to occur on or immediately following the date that is one of the following numbers of years after the Restructuring Date: 2.5 years (the **"2.5-year Limitation Date"**), 5 years, 7.5 years, 10 years (the **"10-year Limitation Date"**), 12.5 years, 15 years or 20 years, as applicable. Limitation Dates shall not be subject to adjustment in accordance with any Business Day Convention.

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

**"Listed"** means an obligation that is quoted, listed or ordinarily purchased and sold on an exchange and, if specified as applicable to an Obligation Category, the Listed Obligation Characteristic shall be applicable only in respect of obligations within that Obligation Category that are Bonds or, if specified as applicable to a Deliverable Obligation Category, the Listed Deliverable Obligation Characteristic shall be applicable only in respect of obligations within that Deliverable Obligation Category that are Bonds.

**"Loan"** means any obligation of a type included in the Borrowed Money Obligation Category that is documented by a term loan agreement, revolving loan agreement or other similar credit agreement and shall not include any other type of Borrowed Money.

**"London Business Day"** means a day on which commercial banks and foreign exchange markets are generally open to settle payments and are open for general business (including dealing in foreign exchange and foreign currency deposits) in London.

**"Loss Amount"** means, in respect of Tranching Credit Securities, a Reference Entity and a Final Price Calculation Date, an amount calculated on that Final Price Calculation Date equal to:

- (a) 100 per cent. minus unless the Credit Securities are Zero Recovery Credit Securities, either (i) the Auction Final Price or (ii) if Cash Settlement applies, the Weighted Average Final Price (or, if so specified in the Final Terms, the Final Price or such other price specified therein) for that Reference Entity as of such Final Price Calculation Date; multiplied by
- (b) the Reference Entity Notional Amount for that Reference Entity, as at the relevant Event Determination Date,

subject to a minimum of zero.

**"Loss Threshold Amount"** means, in respect of Tranching Credit Securities, an amount equal to the Implicit Portfolio Size multiplied by the Attachment Point.

**"LPN"** means any bond issued in the form of a loan participation note.

**"LPN Issuer"** means the entity which issued the relevant LPN.

**"LPN Reference Obligation"** means each Reference Obligation other than any Additional Obligation which is issued for the sole purpose of providing funds to the LPN Issuer to finance an Underlying Loan. For the avoidance of doubt, any change to the issuer of an LPN Reference Obligation in accordance with its terms shall not prevent such LPN Reference Obligation from constituting a Reference Obligation.

**"M"** means in relation to Nth-to-Default Credit Securities where "Multiple Default Triggers" is applicable, such number as may be specified in the Final Terms.

**"Max"** means, whenever followed by a series of amounts inside brackets, whichever is the greater of the amounts separated by a comma inside those brackets.

**"Maximum Maturity"** means an obligation that has a remaining maturity of not greater than:

- (a) the period specified in relation to a Reference Entity; or
- (b) if no such period is so specified, 30 years.

**"Merger Event"** means that at any time during the period from (and including) the Trade Date to (but excluding) the Credit Observation Period End Date, the Issuer:



## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (a) becomes aware that a Reference Entity has consolidated or amalgamated with, or merged into, or transferred all or substantially all of its assets to, a Holder ("**Reference Entity/Holder Merger**"), or
- (b) itself (or, where the Issuer is not BNP Paribas, BNP Paribas) consolidates or amalgamates with, or merges into, or transfers all or substantially all of its assets to a Reference Entity ("**Reference Entity/Issuer Merger**").

"**Merger Event Redemption Date**" means the date specified as such in the Final Terms.

"**Min**" means, whenever followed by a series of amounts inside brackets, whichever is the lesser of the amounts separated by a comma inside those brackets.

"**Minimum Quotation Amount**" means, unless where specified in the Final Terms, the lower of:

- (a) U.S.\$ 1,000,000 (or its equivalent in the relevant Obligation Currency); and
- (b) the Quotation Amount.

"**M(M)R Restructuring**" means a Restructuring Credit Event in respect of which either "Mod R" or "Mod Mod R" is specified as applicable in respect of the Reference Entity.

"**Modified Eligible Transferee**" means any bank, financial institution or other entity which is regularly engaged in or established for the purpose of making, purchasing or investing in loans, securities and other financial assets.

"**Modified Restructuring Maturity Limitation Date**" means, with respect to a Deliverable Obligation, the Limitation Date occurring on or immediately following the Credit Observation Period End Date.

Subject to the foregoing, if the Credit Observation Period End Date is later than the 10-year Limitation Date, the Modified Restructuring Maturity Limitation Date will be the Credit Observation Period End Date.

"**Movement Option Cut-off Date**" means the date that is one Relevant City Business Day following the Exercise Cut-off Date (or, if later, such other date as the relevant Credit Derivatives Determinations Committee Resolves) or such earlier date as the Issuer may designate by notice to the Calculation Agent and the Holders in accordance with Security Condition 10 (*Notices*).

"**Multiple Holder Obligation**" means an Obligation that:

- (a) at the time of the event which constitutes a Restructuring Credit Event is held by more than three holders that are not Affiliates of each other; and
- (b) with respect to which a percentage of holders (determined pursuant to the terms of the Obligation as in effect on the date of such event) at least equal to sixty-six and two-thirds is required to consent to the event which constitutes a Restructuring Credit Event,

provided that any Obligation that is a Bond shall be deemed to satisfy the requirement in (b) above.

"**N**" or "**Nth**" means, in relation to "Nth-to-Default Credit Securities", such number as may be specified in the Final Terms.

"**Next Currency Fixing Time**" means 4:00 p.m. (London time) on the London Business Day immediately following the date on which the Notice of Physical Settlement or relevant NOPs

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

Amendment Notice, as applicable, is effective or, as applicable, the date of selection of Valuation Obligations.

**"No Auction Announcement Date"** means, with respect to any Reference Entity and a Credit Event, the date on which the DC Secretary first publicly announces that:

- (a) no Transaction Auction Settlement Terms and, if applicable, no Parallel Auction Settlement Terms will be published with respect to credit derivative transactions in the over-the-counter market and the relevant Credit Event and Reference Entity;
- (b) following the occurrence of an M(M)R Restructuring, no Transaction Auction Settlement Terms will be published, but Parallel Auction Settlement Terms will be published; or
- (c) the relevant Credit Derivatives Determinations Committee has Resolved that no Auction will be held with respect to such Reference Entity and Credit Event following a prior public announcement by the DC Secretary to the contrary, in circumstances where either:
  - (i) no Parallel Auction will be held; or
  - (ii) one or more Parallel Auctions will be held.

**"Non-Capped Reference Entity"** means a Reference Entity which is not a Capped Reference Entity.

**"Non-Conforming Reference Obligation"** means a Reference Obligation which is not a Conforming Reference Obligation.

**"Non-Conforming Substitute Reference Obligation"** means an obligation which would be a Deliverable Obligation determined in accordance with paragraph (a) of the definition of "Deliverable Obligation" on the Substitution Date but for one or more of the same reasons which resulted in the Reference Obligation constituting a Non-Conforming Reference Obligation on the date it was issued or incurred and/or immediately prior to the Substitution Event Date (as applicable).

**"Non-Standard Reference Obligation"** means the Original Non-Standard Reference Obligation or if a Substitute Reference Obligation has been determined, the Substitute Reference Obligation.

**"Non-Financial Instrument"** means any Asset which is not of the type typically traded in, or suitable for being traded in, financial markets.

**"Non-Transferable Instrument"** means any Asset which is not capable of being transferred to institutional investors, excluding due to market conditions.

**"NOPS Amendment Notice"** means a notice delivered by the Calculation Agent on behalf of the Issuer (with a copy to the Issuer), to the Holders notifying that the Calculation Agent is replacing, in whole or in part, one or more Deliverable Obligations specified in the Notice of Physical Settlement or a prior NOPS Amendment Notice, as applicable, (to the extent the relevant Deliverable Obligation has not been Delivered as of the date such NOPS Amendment Notice is effective).

**"NOPS Effective Date"** means the date on which a Notice of Physical Settlement or NOPS Amendment Notice, as the case may be, is delivered by the Issuer or the Calculation Agent (on its behalf).

**"Not Bearer"** means any obligation that is not a bearer instrument unless interests with respect to such bearer instrument are cleared via Euroclear, Clearstream, Luxembourg or any other internationally recognised clearing system and, if specified as applicable to a Deliverable Obligation Category, the Not

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

Bearer Deliverable Obligation Characteristic shall be applicable only in respect of obligations within that Deliverable Obligation Category that are Bonds.

**"Not Domestic Currency"** means any obligation that is payable in any currency other than the applicable Domestic Currency, provided that a Standard Specified Currency shall not constitute a Domestic Currency.

**"Not Domestic Issuance"** means any obligation other than an obligation that was issued (or reissued, as the case may be), or intended to be offered for sale primarily in the domestic market of the Reference Entity. Any obligation that is registered or, as a result of some other action having been taken for such purpose, is qualified for sale outside the domestic market of the Reference Entity (regardless of whether such obligation is also registered or qualified for sale within the domestic market of the Reference Entity) shall be deemed not to be issued (or reissued, as the case may be), or intended to be offered for sale primarily in the domestic market of the Reference Entity.

**"Not Domestic Law"** means any obligation that is not governed by the applicable Domestic Law, provided that the laws of England and the laws of the State of New York shall not constitute a Domestic Law.

**"Not Sovereign Lender"** means any obligation that is not primarily owed to (A) a Sovereign or (B) any entity or organization established by treaty or other arrangement between two or more Sovereigns including, without limiting the foregoing, the International Monetary Fund, European Central Bank, International Bank for Reconstruction and Development and European Bank for Reconstruction and Development, which shall include, without limitation, obligations generally referred to as "Paris Club debt".

**"Not Subordinated"** means an obligation that is not Subordinated to (I) the Reference Obligation or (II) the Prior Reference Obligation, if applicable.

**"Notice Delivery Date"** means the first date on which both an effective Credit Event Notice and, unless "Notice of Publicly Available Information" is specified as not applicable, an effective Notice of Publicly Available Information, have been delivered by the Calculation Agent to the Issuer.

**"Notice Delivery Period"** means the period from and including the Trade Date to and including the date 15 Credit Security Business Days (or such other number of days as may be specified in the Final Terms) after the Extension Date (or, if the relevant Credit Event is an M(M)R Restructuring, the later of such date and the Exercise Cut-off Date).

**"Notice of Physical Settlement"** means a notice delivered by the Calculation Agent on behalf of the Issuer (with a copy to the Issuer), to the Holders on or prior to the latest of:

- (a) 65 Business Days following the Final List Publication Date;
- (b) subject to sub-paragraph (c) below, 25 Credit Security Business Days after the last to occur of the Auction Cancellation Date, the No Auction Announcement Date, the last Parallel Auction Cancellation Date and the last Parallel Notice of Physical Settlement Date (in each case if any and if applicable); and
- (c) in circumstances where the No Auction Announcement Date occurs pursuant to sub-paragraph (b) or (c)(ii) of the definition thereof, the Issuer has not delivered an Auction Settlement Amount Notice specifying an applicable Parallel Auction Settlement Terms to the

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

Calculation Agent by the Movement Option Cut-off Date, 5 Credit Security Business Days following such Movement Option Cut-off Date;

- (d) 30 calendar days following the Event Determination Date; and
- (e) 10 calendar days following the date of the relevant DC Credit Event Announcement or of the relevant DC Credit Event Question Dismissal,

(the "**NOPS Cut-off Date**") that:

- (i) confirms that the Issuer intends to redeem the Credit Securities by Physical Settlement in accordance with Credit Security Condition 5 (*Physical Settlement*); and
- (ii) contains a detailed description of the Deliverable Obligations that the Issuer intends to Deliver (or procure Delivery of) to the Holders, including the Outstanding Amount and the aggregate Outstanding Amount of such Deliverable Obligations.

The Notice of Physical Settlement shall specify Deliverable Obligations having an Outstanding Amount (or the equivalent specified Currency Amount converted at the Currency Rate) on the Settlement Valuation Date at least equal to the Reference Entity Notional Amount (or, as applicable, Exercise Amount), subject to any Physical Settlement Adjustment.

The Issuer or the Calculation Agent (on its behalf) may, from time to time, deliver to the Holders in the manner specified above a NOPS Amendment Notice. A NOPS Amendment Notice shall contain a revised detailed description of each Replacement Deliverable Obligation and shall also specify the Replaced Deliverable Obligation Outstanding Amount. The Outstanding Amount of each Replacement Deliverable Obligation identified in a NOPS Amendment Notice shall be determined by applying the Revised Currency Rate to the relevant Replaced Deliverable Obligation Outstanding Amount. Each such NOPS Amendment Notice must be effective on or prior to the Physical Settlement Date (determined without reference to any change resulting from such NOPS Amendment Notice).

Notwithstanding the foregoing, (i) the Issuer or the Calculation Agent (on its behalf) may correct any errors or inconsistencies in the detailed description of each Deliverable Obligation contained in the Notice of Physical Settlement or any NOPS Amendment Notice, as applicable, by notice to the Issuer (given in the manner specified above) prior to the relevant Delivery Date, and (ii) if Asset Package Delivery is applicable, the Issuer or the Calculation Agent (on its behalf) shall, prior to the Delivery Date, notify the Holders of the detailed description of the Asset Package, if any, that it intends to Deliver to the Holders in lieu of the Prior Deliverable Obligation or Package Observable Bond, if any, specified in the Notice of Physical Settlement or NOPS Amendment Notice, as applicable, it being understood in each case that such notice shall not constitute a NOPS Amendment Notice.

**"Notice of Publicly Available Information"** means an irrevocable notice from the Calculation Agent (which may be by telephone) to the Issuer that cites Publicly Available Information confirming the occurrence of the Credit Event described in the Credit Event Notice. In relation to a Repudiation/Moratorium Credit Event, the Notice of Publicly Available Information must cite Publicly Available Information confirming the occurrence of both sub-paragraphs (a) and (b) of the definition of "Repudiation/Moratorium". The notice must contain a copy, or a description in reasonable detail, of the relevant Publicly Available Information. If Notice of Publicly Available Information is specified as applicable in respect of the Reference Entity and a Credit Event Notice contains Publicly Available Information, such Credit Event Notice will also be deemed to be a Notice of Publicly Available Information.

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

**"Notional Credit Derivative Transaction"** means, with respect to any Credit Security and a Reference Entity, a hypothetical market standard credit default swap transaction entered into by the Issuer, as Buyer (defined in the Credit Derivatives Definitions), incorporating the terms of the Credit Derivatives Definitions and under the terms of which:

- (a) the "Trade Date" is the Trade Date, if specified in the Final Terms and if not, the Issue Date;
- (b) the "Scheduled Termination Date" is the Credit Observation Period End Date;
- (c) the "Reference Entit(y)(ies)" thereunder is (are) such Reference Entit(y)(ies);
- (d) the applicable "Transaction Type", if any, is the Transaction Type for the purposes of such Credit Security; and
- (e) the remaining terms as to credit linkage are consistent with the terms of such Credit Security as it relates to such Reference Entity.

**"Nth-to-Default Credit Security"** means any Credit Securities specified as such in the Final Terms.

**"Obligation"** means:

- (a) any obligation of the Reference Entity (either directly or as provider of a Relevant Guarantee) determined pursuant to the Method for Determining Obligations; and
- (b) the Reference Obligation,

in each case, unless it is an Excluded Obligation.

For purposes of the **"Method for Determining Obligations"**, the term "Obligation" may be defined as each obligation of the Reference Entity described by the Obligation Category specified in respect thereof and having each of the Obligation Characteristics, if any, specified in respect thereof, in each case, immediately prior to the Credit Event which is the subject of either the Credit Event Notice or the DC Credit Event Question resulting in the occurrence of the Credit Event Resolution Request Date, as applicable.

**"Obligation Acceleration"** means one or more Obligations in an aggregate amount of not less than the Default Requirement have become due and payable before they would otherwise have been due and payable as a result of, or on the basis of, the occurrence of a default, event of default or other similar condition or event (however described), other than a failure to make any required payment, in respect of the Reference Entity under one or more Obligations.

**"Obligation Category"** means Payment, Borrowed Money, Reference Obligation Only, Bond, Loan, or Bond or Loan, only one of which shall be specified in relation to a Reference Entity.

**"Obligation Characteristic"** means any one or more of Not Subordinated, Specified Currency, Not Sovereign Lender, Not Domestic Currency, Not Domestic Law, Listed and Not Domestic Issuance as specified in relation to a Reference Entity.

**"Obligation Currency"** means the currency or currencies in which an Obligation is denominated.

**"Obligation Default"** means one or more Obligations in an aggregate amount of not less than the Default Requirement have become capable of being declared due and payable before they would otherwise have been due and payable as a result of, or on the basis of, the occurrence of a default, event of default, or

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

other similar condition or event (howsoever described), other than a failure to make any required payment, in respect of the Reference Entity under one or more Obligations.

**"Original Bonds"** means any Bonds comprising part of the relevant Deliverable Obligations.

**"Original Loans"** means any Loans comprising part of the relevant Deliverable Obligations.

**"Original Non-Standard Reference Obligation"** means the obligation of the Reference Entity (either directly or as provider of a guarantee) which is specified as the Reference Obligation in relation to the Reference Entity (if any is so specified) provided that if an obligation is not an obligation of the Reference Entity, such obligation will not constitute a valid Original Non-Standard Reference Obligation for purposes of the Reference Entity (other than for the purposes of determining the Seniority Level and for the "Not Subordinated" Obligation Characteristic or "Not Subordinated" Deliverable Obligation Characteristic) unless (a) otherwise specified in the Final Terms by reference to this definition, or (b) the Reference Entity is a Reference Obligation Only Trade.

**"Outstanding Amount"** means the Outstanding Principal Balance or Due and Payable Amount, as applicable.

**"Outstanding Bonus Coupon Rate"** means the rate equal to either:

- (a) if "Final Rate" is specified as applicable, the Bonus Coupon Rate (as specified in the applicable Final Terms) less the aggregate of all Bonus Coupon Writedown Rates determined on or prior to the Bonus Coupon Determination Date; or
- (b) if "Averaging Rate" is specified as applicable, the Bonus Coupon Rate (as specified in the applicable Final Terms) less the arithmetic average of the Bonus Coupon Writedown Rates determined for each day during the period commencing as the previous Bonus Coupon Payment Date (or if none, the Issue Date) and concluding on the Bonus Coupon Determination Date,

subject to a minimum of zero.

**"Outstanding Notional Amount"** means, in respect of any Credit Security, such Credit Security's pro rata share of the initial aggregate Notional Amount less such Credit Security's pro rata share of all Reference Entity Notional Amounts of Reference Entities in respect of which an Event Determination Date has occurred (excluding where Credit Security Condition 4(e)(ii) applies) (or, in the case of a Tranching Credit Security, such Credit Security's pro rata share of the initial aggregate Notional Amount less such Credit Security's pro rata share of all Writedown Amounts determined on or prior to the relevant date of determination) subject, in each case, to a minimum of zero and as adjusted by the Calculation Agent to take account of any repurchase or cancellation of Credit Securities, the issuance of any further Credit Securities and any redemption of Credit Securities pursuant to Credit Security Condition 4(e)(i).

The **"Outstanding Principal Balance"** of an obligation will be calculated as follows:

- (i) first, by determining, in respect of the obligation, the amount of the Reference Entity's principal payment obligations and, where applicable in accordance with Credit Security Condition 6(h) (*Accrued Interest*), the Reference Entity's accrued but unpaid interest payment obligations (which, in the case of a Guarantee will be the lower of (A) the Outstanding Principal Balance (including accrued but unpaid interest, where applicable) of the Underlying Obligation (determined as if references to the Reference Entity were references to the Underlying Obligor) and (B) the amount of the Fixed Cap, if any);

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (ii) second, by subtracting all or any portion of such amount which, pursuant to the terms of the obligation, (A) is subject to any Prohibited Action, or (B) may otherwise be reduced as a result of the effluxion of time or the occurrence or non-occurrence of an event or circumstance (other than by way of (I) payment or (II) a Permitted Contingency) (the amount determined in paragraph (i) less any amounts subtracted in accordance with this paragraph (ii), the "**Non-Contingent Amount**"); and
- (iii) third, by determining the Quantum of the Claim, which shall then constitute the Outstanding Principal Balance,

in each case, determined:

- (A) unless otherwise specified, in accordance with the terms of the obligation in effect on either (I) the NOPS Effective Date (or if the terms of the obligation are amended after such date but on or prior to the Delivery Date, the Delivery Date), or (II) the Relevant Valuation Date, as applicable; and
- (B) with respect to the Quantum of the Claim only, in accordance with any applicable laws (insofar as such laws reduce or discount the size of the claim to reflect the original issue price or accrued value of the obligation).

**"Package Observable Bond"** means, in respect of a Reference Entity which is a Sovereign, any obligation (a) which is identified as such and published by ISDA on its website at [www.isda.org](http://www.isda.org) from time to time (or any successor website thereto) or by a third party designated by ISDA on its website from time to time and (b) which fell within the definition of Deliverable Obligation set out in paragraph (a) or (b) of the definition of "Deliverable Obligation", in each case, immediately preceding the date on which the relevant Asset Package Credit Event was legally effective.

**"Parallel Auction"** means "Auction" as defined in any relevant Parallel Auction Settlement Terms.

**"Parallel Auction Cancellation Date"** means "Auction Cancellation Date" as defined in any relevant Parallel Auction Settlement Terms.

**"Parallel Auction Final Price Determination Date"** means the "Auction Final Price Determination Date" as defined in any relevant Parallel Auction Settlement Terms.

**"Parallel Auction Settlement Terms"** means, following the occurrence of an M(M)R Restructuring, any Credit Derivatives Auction Settlement Terms published by ISDA with respect to such M(M)R Restructuring, and for which the Deliverable Obligation Terms are the same as the Deliverable Obligation Provisions which would be applicable to the Notional Credit Derivative Transaction and for which the Notional Credit Derivative Transaction would not be an Auction Covered Transaction.

**"Parallel Notice of Physical Settlement Date"** means "Notice of Physical Settlement Date" as defined in the relevant Parallel Auction Settlement Terms.

**"Partial Credit Event Cash Settlement Amount"** means where the applicable Settlement Method is Physical Settlement, an amount determined by the Calculation Agent equal to the aggregate, for each Undeliverable Obligation, of:

- (a) the Final Price of such Undeliverable Obligations; multiplied by

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (b) the relevant Outstanding Principal Balance, Due and Payable Amount or Currency Amount, as applicable, of such Undeliverable Obligation specified in the relevant Notice of Physical Settlement or NOPS Amendment Notice, as applicable.

**"Partial Credit Event Cash Settlement Date"** means the date falling three Credit Security Business Days (unless otherwise specified in relation to a Reference Entity) after the calculation of the Final Price.

**"Payment"** means any obligation (whether present or future, contingent or otherwise) for the payment or repayment of money, including, without limitation, Borrowed Money.

**"Payment Requirement"** means the amount specified as such in the Final Terms or its equivalent in the relevant Obligation Currency (or, if no such amount is specified in the Final Terms, U.S.\$ 1,000,000 or its equivalent as calculated by the Calculation Agent in the relevant Obligation Currency), in either case, as of the occurrence of the relevant Failure to Pay or Potential Failure to Pay, as applicable.

**"Permissible Deliverable Obligations"** has the meaning set forth in the relevant Credit Derivatives Auction Settlement Terms, being either all or the portion of the Deliverable Obligations included on the Final List pursuant to the Deliverable Obligation Terms that are applicable to that Auction.

**"Permitted Contingency"** means, with respect to an obligation, any reduction to the Reference Entity's payment obligations:

- (a) as a result of the application of:
  - (i) any provisions allowing a transfer, pursuant to which another party may assume all of the payment obligations of the Reference Entity;
  - (ii) provisions implementing the Subordination of the obligation;
  - (iii) provisions allowing for a Permitted Transfer in the case of a Qualifying Guarantee (or provisions allowing for the release of the Reference Entity from its payment obligations in the case of any other Guarantee);
  - (iv) any Solvency Capital Provisions, if "Subordinated European Insurance Terms" is specified as applicable in respect of the Reference Entity; or
  - (v) provisions which permit the Reference Entity's obligations to be altered, discharged, released or suspended in circumstances which would constitute a Governmental Intervention, if "Financial Reference Entity Terms" is specified as applicable in respect of the Reference Entity; or
- (b) which is within the control of the holders of the obligation or a third party acting on their behalf (such as an agent or trustee) in exercising their rights under or in respect of such obligation.

**"Permitted Transfer"** means, with respect to a Qualifying Guarantee, a transfer to and the assumption by any single transferee of such Qualifying Guarantee (including by way of cancellation and execution of a new guarantee) on the same or substantially the same terms, in circumstances where there is also a transfer of all (or substantially all) of the assets of the Reference Entity to the same single transferee.

**"Physical Settlement Adjustment"** means a reduction to the Outstanding Amount of Deliverable Obligations specified in a Notice of Physical Settlement or NOPS Amendment Notice, by an amount of Deliverable Obligations having a liquidation value equal to the Credit Unwind Costs (only if positive) rounded upwards to the nearest whole denomination of a Deliverable Obligation, such amount to be



## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

determined by the Calculation Agent. For the avoidance of doubt, if the Final Terms specify that Credit Unwind Costs are not applicable, the Physical Settlement Adjustment shall be zero.

**"Physical Settlement Adjustment Rounding Amount"** means an amount (if any) equal to the difference between the absolute value of the Physical Settlement Adjustment and the liquidation value of such whole number of Deliverable Obligations as are not required to be Delivered by the Issuer by way of compensation for any Credit Unwind Costs.

**"Physical Settlement Date"** means the last day of the longest Physical Settlement Period following the NOPS Cut-off Date as specified in relation to a Reference Entity as the Calculation Agent may designate.

**"Physical Settlement Matrix"** means the Credit Derivatives Physical Settlement Matrix Supplement to the Credit Derivatives Definitions, as most recently amended or supplemented as at the Trade Date (unless otherwise specified in relation to a Reference Entity) and as published by ISDA on its website at [www.isda.org](http://www.isda.org) (or any successor website thereto), provided that any reference therein to:

- (a) "Confirmation" shall be deemed to be a reference to the Final Terms;
- (b) "Floating Rate Payer Calculation Amount" shall be deemed to be a reference to the Specified Currency;
- (c) "Section 1.32" shall be deemed to be a reference to "Credit Event Notice" as defined in this Annex 12;
- (d) "Section 1.33" shall be deemed to be a reference to Credit Security Condition 9(a) (*Multiple Credit Event Notices*); and
- (e) "Section 8.19" shall be deemed to be a reference to "Physical Settlement Period" as defined in this Annex 12.

**"Physical Settlement Period"** means, subject to Credit Security Condition 2(e) (*Additional Credit Security Disruption Events*), the number of Credit Security Business Days specified as such in relation to a Reference Entity or, if a number of Credit Security Business Days is not so specified, then, with respect to a Deliverable Obligation specified in the Notice of Physical Settlement or any NOPS Amendment Notice, as applicable, the longest number of Credit Security Business Days for settlement in accordance with then current market practice of such Deliverable Obligation, as determined by the Calculation Agent, provided that if the Issuer or Calculation Agent (on its behalf) intends to Deliver an Asset Package in lieu of a Prior Deliverable Obligation or a Package Observable Bond, the Physical Settlement Period shall be thirty Business Days.

**"Post Dismissal Additional Period"** means the period from and including the date of the DC Credit Event Question Dismissal to and including the date that is 15 Business Days thereafter (provided that the relevant Credit Event Resolution Request Date occurred on or prior to the end of the last day of the Notice Delivery Period (including prior to the Trade Date or, as applicable, the Issue Date)).

**"Potential Cash Settlement Event"** means an event beyond the control of the Issuer (including, without limitation, failure of the relevant clearance system; or the failure to obtain any requisite consent with respect to the Delivery of Loans or the non-receipt of any such requisite consents or any relevant participation (in the case of Direct Loan Participation) is not effected; or due to any law, regulation or court order, but excluding market conditions, or any contractual, statutory and/or regulatory restriction relating to the relevant Deliverable Obligation, or due to the failure of the Holder to give the Issuer details of accounts for settlement; or a failure of the Holder to open or procure the opening of such accounts or

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

if the Holders are unable to accept Delivery of the portfolio of Deliverable Obligations for any other reason).

**"Potential Failure to Pay"** means the failure by the Reference Entity to make, when and where due, any payments in an aggregate amount of not less than the Payment Requirement under one or more Obligations in accordance with the terms of such Obligations at the time of such failure, without regard to any grace period or any conditions precedent to the commencement of any grace period applicable to such Obligations.

**"Potential Repudiation/Moratorium"** means the occurrence of an event described in sub-paragraph (a) of the definition of "Repudiation/Moratorium".

**"Prior Deliverable Obligation"** means:

- (a) if a Governmental Intervention has occurred (whether or not such event is specified as the applicable Credit Event in the Credit Event Notice or the DC Credit Event Announcement), any obligation of the Reference Entity which (i) existed immediately prior to such Governmental Intervention, (ii) was the subject of such Governmental Intervention and (iii) fell within the definition of Deliverable Obligation set out in paragraph (a) or (b) of the definition of "Deliverable Obligation", in each case, immediately preceding the date on which such Governmental Intervention was legally effective; or
- (b) if a Restructuring which does not constitute a Governmental Intervention has occurred in respect of the Reference Obligation (whether or not such event is specified as the applicable Credit Event in the Credit Event Notice or the DC Credit Event Announcement), such Reference Obligation, if any.

**"Prior Reference Obligation"** means, in circumstances where there is no Reference Obligation applicable to a Reference Entity, (I) the Reference Obligation most recently applicable thereto, if any, and otherwise, (II) the obligation specified in the related Final Terms as the Reference Obligation, if any, if such Reference Obligation was redeemed on or prior to the Trade Date and otherwise, (III) any unsubordinated Borrowed Money obligation of the Reference Entity.

**"Private-side Loan"** means a Loan in respect of which the documentation governing its terms is not publicly available or capable of being made public without violating a law, agreement, understanding or other restriction regarding the confidentiality of such information.

**"Prohibited Action"** means any counterclaim, defense (other than a counterclaim or defense based on the factors set forth in paragraphs (a) to (d) of the definition of "Credit Event") or right of set-off by or of the Reference Entity or any applicable Underlying Obligor.

**"Public Source"** means each source of Publicly Available Information specified as such in the related Final Terms (or, if no such source is specified, each of Bloomberg, Reuters, Dow Jones Newswires, The Wall Street Journal, The New York Times, Nihon Keizai Shimbun, Asahi Shimbun, Yomiuri Shimbun, Financial Times, La Tribune, Les Echos, The Australian Financial Review and Debtwire (and successor publications), the main source(s) of business news in the country in which the Reference Entity is organized and any other internationally recognized published or electronically displayed news sources).

**"Publicly Available Information"** means information that reasonably confirms any of the facts relevant to the determination that the Credit Event described in a Credit Event Notice has occurred and which:

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (i) has been published in or on not less than the Specified Number of Public Sources (regardless of whether the reader or user thereof pays a fee to obtain such information);
- (ii) is information received from or published by (A) the Reference Entity (or, if the Reference Entity is a Sovereign, any agency, instrumentality, ministry, department or other authority thereof acting in a governmental capacity (including, without limiting the foregoing, the central bank) of such Sovereign), or (B) a trustee, fiscal agent, administrative agent, clearing agent, paying agent, facility agent or agent bank for an Obligation; or
- (iii) is information contained in any order, decree, notice, petition or filing, however described, of or filed with a court, tribunal, exchange, regulatory authority or similar administrative, regulatory or judicial body,

provided that where any information of the type described in paragraphs (ii) or (iii) above is not publicly available, it can only constitute Publicly Available Information if it can be made public without violating any law, agreement, understanding or other restriction regarding the confidentiality of such information.

In relation to any information of the type described in (ii) or (iii) above, the Calculation Agent, the Issuer and/or any other party receiving such information may assume that such information has been disclosed to it without violating any law, agreement, understanding or other restriction regarding the confidentiality of such information and that the party delivering such information has not taken any action or entered into any agreement or understanding with the Reference Entity or any Affiliate of the Reference Entity that would be breached by, or would prevent, the disclosure of such information to the party receiving such information.

Without limitation, Publicly Available Information need not state (i) in relation to the "Downstream Affiliate" definition, the percentage of Voting Shares owned by the Reference Entity and (ii) that the relevant occurrence (A) has met the Payment Requirement or Default Requirement, (B) is the result of exceeding any applicable Grace Period, or (C) has met the subjective criteria specified in certain Credit Events.

In relation to a Repudiation/Moratorium Credit Event, Publicly Available Information must relate to the events described in both sub-paragraphs (a) and (b) of the definition of "Repudiation/Moratorium".

**"Qualifying Affiliate Guarantee"** means a Qualifying Guarantee provided by the Reference Entity in respect of an Underlying Obligation of a Downstream Affiliate of the Reference Entity.

**"Qualifying Guarantee"** means a guarantee evidenced by a written instrument (which may include a statute or regulation), pursuant to which the Reference Entity irrevocably agrees, undertakes, or is otherwise obliged to pay all amounts of principal and interest (except for amounts which are not covered due to the existence of a Fixed Cap) due under an Underlying Obligation for which the Underlying Obligor is the obligor, by guarantee of payment and not by guarantee of collection (or, in either case, any legal arrangement which is equivalent thereto in form under the relevant governing law).

A Qualifying Guarantee shall not include any guarantee:

- (a) which is structured as a surety bond, financial guarantee insurance policy or letter of credit (or any legal arrangement which is equivalent thereto in form); or
- (b) pursuant to the terms applicable thereto, the principal payment obligations of the Reference Entity can be discharged, released, reduced, assigned or otherwise altered as a result of the occurrence or non-occurrence of an event or circumstance, in each case, other than:

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (i) by payment;
- (ii) by way of Permitted Transfer;
- (iii) by operation of law;
- (iv) due to the existence of a Fixed Cap; or
- (v) due to:
  - (A) provisions permitting or anticipating a Governmental Intervention, if "Financial Reference Entity Terms" is specified as applicable in respect of the Reference Entity; or
  - (B) any Solvency Capital Provisions, if "Subordinated European Insurance Terms" is specified as applicable in respect of the Reference Entity.

If the guarantee or Underlying Obligation contains provisions relating to the discharge, release, reduction, assignment or other alteration of the principal payment obligations of the Reference Entity and such provisions have ceased to apply or are suspended at the time of the relevant determination, in accordance with the terms of such guarantee or Underlying Obligation, due to or following the occurrence of (I) a non- payment in respect of the guarantee or the Underlying Obligation, or (II) an event of the type described in the definition of "Bankruptcy" in respect of the Reference Entity or the Underlying Obligor, then it shall be deemed for these purposes that such cessation or suspension is permanent, notwithstanding the terms of the guarantee or Underlying Obligation.

In order for a guarantee to constitute a Qualifying Guarantee:

- (x) the benefit of such guarantee must be capable of being Delivered together with the Delivery of the Underlying Obligation; and
- (y) if a guarantee contains a Fixed Cap, all claims to any amounts which are subject to such Fixed Cap must be capable of being Delivered together with the Delivery of such guarantee.

**"Qualifying Participation Seller"** means any participation seller that meets the requirements specified in relation to a Reference Entity. If no such requirements are specified, there shall be no Qualifying Participation Seller.

**"Quantum of the Claim"** means the lowest amount of the claim which could be validly asserted against the Reference Entity in respect of the Non-Contingent Amount if the obligation had become redeemable, been accelerated, terminated or had otherwise become due and payable at the time of the relevant determination, provided that the Quantum of the Claim cannot exceed the Non-Contingent Amount.

**"Quotation"** means, in respect of any Reference Obligation, Deliverable Obligation, Valuation Obligation or Undeliverable Obligation, as the case may be, each Full Quotation and the Weighted Average Quotation obtained and expressed as a percentage of its Outstanding Principal Balance or Due and Payable Amount, as applicable, with respect to a Valuation Date in the manner that follows:

The Calculation Agent shall attempt to obtain Full Quotations with respect to each Relevant Valuation Date from five or more Credit Security Dealers. If the Calculation Agent is unable to obtain two or more such Full Quotations on the same Credit Security Business Day within three Credit Security Business Days of a Relevant Valuation Date, then on the next following Credit Security Business Day (and, if necessary, on each Credit Security Business Day thereafter until the tenth Credit Security Business Day

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

following the applicable Relevant Valuation Date) the Calculation Agent shall attempt to obtain Full Quotations from five or more Credit Security Dealers and, if two or more Full Quotations are not available, a Weighted Average Quotation. If the Calculation Agent is unable to obtain two or more Full Quotations or a Weighted Average Quotation on the same Credit Security Business Day on or prior to the tenth Credit Security Business Day following the applicable Relevant Valuation Date the Quotations shall be deemed to be any Full Quotation obtained from a Credit Security Dealer at the Valuation Time on such tenth Credit Security Business Day, or if no Full Quotation is obtained, the weighted average of any firm quotations for the Reference Obligation obtained from Credit Security Dealers at the Valuation Time on such tenth Credit Security Business Day with respect to the aggregate portion of the Quotation Amount for which such quotations were obtained and a quotation shall be deemed to be zero for the balance of the Quotation Amount for which firm quotations were not obtained on such day.

**"Quotation Amount"** means:

- (a) with respect to a Reference Obligation, the amount specified in relation to a Reference Entity (which may be specified by reference to an amount in a currency or by reference to the Representative Amount) or, if no amount is so specified, the Reference Entity Notional Amount (or, its equivalent in the relevant Obligation Currency converted by the Calculation Agent in a commercially reasonable manner by reference to exchange rates in effect at the time that the relevant Quotation is being obtained);
- (b) with respect to each type or issue of Deliverable Obligation to be Delivered on or prior to the Physical Settlement Date, an amount equal to the Outstanding Principal Balance or Due and Payable Amount (or, in either case, its equivalent in the relevant Obligation Currency as calculated in the same manner as (a) above) of such Deliverable Obligation; and
- (c) with respect to each type or issue of Undeliverable Obligation, an amount equal to the Outstanding Principal Balance or Due and Payable Amount (or, in either case, its equivalent in the relevant Obligation Currency as calculated in the same manner as (a) above) of such Undeliverable Obligation.

**"Recovery Amount"** means, in respect of Tranche Credit Securities, a Reference Entity and a Final Price Calculation Date, an amount calculated on that Final Price Calculation Date equal to:

- (a) the lesser of 100 per cent. and either (i) the Auction Final Price or (ii) if Cash Settlement applies, the Weighted Average Final Price (or, if so specified in the Final Terms, the Final Price or such other price specified therein) for that Reference Entity as of such Final Price Calculation Date (or, in the case of Zero Recovery Credit Securities, zero); multiplied by
- (b) the Reference Entity Notional Amount for that Reference Entity, as at the relevant Event Determination Date,

subject to a minimum of zero.

**"Recovery Threshold Amount"** means, in respect of Tranche Credit Securities, an amount equal to (a) the Implicit Portfolio Size multiplied by (b) 100 per cent. minus the Exhaustion Point.

**"Redemption Preliminary Amount"** means, in respect of any Tranche Credit Security and any relevant date, an amount (subject to a minimum of zero) equal to:

- (a) the Outstanding Notional Amount of such Credit Security (for the avoidance of doubt as reduced at or prior to such time); minus

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (b) its *pro rata* share of the Unsettled Retention Amount.

**"Redemption Residual Amount"** means, in respect of any Tranching Credit Security and any relevant date, its remaining Outstanding Notional Amount of the Credit Securities (after deduction of the aggregate Redemption Preliminary Amounts and for the avoidance of doubt, as otherwise reduced at or prior to such time).

**"Reference Entity"** or **"Reference Entities"** means the reference entity or reference entities specified in the Final Terms or, where applicable, identified in a Relevant Annex, and any Successor to a Reference Entity either:

- (a) identified by the Calculation Agent in accordance with the definition of "Successor" on or following the Trade Date or, where applicable, identified by an Index Sponsor; or
- (b) identified pursuant to a DC Resolution in respect of a Successor Resolution Request Date and publicly announced by the DC Secretary on or following the Trade Date,

shall, in each case, with effect from the Succession Date, be the Reference Entity for the Credit Securities, as the terms of which may be modified pursuant to Credit Security Condition 7 (*Successors*).

**"Reference Entity Notional Amount"** means in respect of any Reference Entity, the amount in which the Issuer has purchased credit protection in respect of such Reference Entity, as set out in the Final Terms or if no such amount is specified:

- (a) in the case of Single Reference Entity Credit Securities or Nth-to-Default Credit Securities where "Multiple Default Triggers" is not applicable, the initial aggregate Notional Amount of the Credit Securities;
- (b) in the case of Nth-to-Default Credit Securities where "Multiple Default Triggers" is applicable, an amount equal to (i) the initial aggregate Notional Amount of the Credit Securities, divided by (ii)  $(M+1-N)$ ;
- (c) in the case of Basket Credit Securities, if a Reference Entity Weighting is specified or applies in respect of such Reference Entity, (i) the product of such Reference Entity Weighting for the relevant Reference Entity and the initial aggregate Notional Amount of the Credit Securities, divided by (ii) the sum of all Reference Entity Weightings, or, if no Reference Entity Weightings are specified for the Reference Entities, (i) the initial aggregate Notional Amount of the Credit Securities, divided by (ii) the number of Reference Entities; and
- (d) in the case of Tranching Credit Securities, if a Reference Entity Weighting is specified or applies in respect of such Reference Entity, (i) the product of the Implicit Portfolio Size and the Reference Entity Weighting for the relevant Reference Entity, divided by (ii) the sum of all Reference Entity Weightings or, if no Reference Entity Weightings are specified for the Reference Entities, (i) the Implicit Portfolio Size, divided by (ii) the number of Reference Entities,

subject in each case to Credit Security Conditions 2 (*Redemption*), 7 (*Successors*) and 9 (*Restructuring Credit Event*) and as adjusted by the Calculation Agent to take account of any repurchase or cancellation of Credit Securities or the issuance of any further Credit Securities.

**"Reference Entity Weighting"** means, in respect of a Reference Entity, the weighting as specified in the Final Terms for such Reference Entity.

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

**"Reference Obligation"** means the Standard Reference Obligation, if any, unless:

- (a) "Standard Reference Obligation" is specified as not applicable in relation to a Reference Entity, in which case the Reference Obligation will be the Non-Standard Reference Obligation, if any; or
- (b) (i) "Standard Reference Obligation" is specified as applicable in relation to a Reference Entity (or no election is specified in relation to a Reference Entity), (ii) there is no Standard Reference Obligation and (iii) a Non-Standard Reference Obligation is specified in relation to a Reference Entity, in which case the Reference Obligation will be (A) the Non-Standard Reference Obligation to but excluding the first date of publication of the Standard Reference Obligation and (B) the Standard Reference Obligation from such date onwards, provided that the Standard Reference Obligation that is published would have been eligible to be selected as a Substitute Reference Obligation.

If the Standard Reference Obligation is removed from the SRO List, such obligation shall cease to be the Reference Obligation (other than for purposes of the "Not Subordinated" Obligation Characteristic or "Not Subordinated" Deliverable Obligation Characteristic) and there shall be no Reference Obligation unless and until such obligation is subsequently replaced on the SRO List, in which case, the new Standard Reference Obligation in respect of the Reference Entity shall constitute the Reference Obligation.

**"Reference Obligation Only"** means any obligation that is a Reference Obligation and no Obligation Characteristics (for purposes of determining Obligations) or, as the case may be, no Deliverable Obligation Characteristics (for purposes of determining Deliverable Obligations) shall be applicable where Reference Obligation Only applies.

**"Reference Obligation Only Trade"** means a Reference Entity in respect of which (a) "Reference Obligation Only" is specified as the Obligation Category and the Deliverable Obligation Category and (b) "Standard Reference Obligation" is specified as not applicable. If the event set out in paragraph (i) of the definition of "Substitution Event" occurs with respect to the Reference Obligation in a Reference Obligation Only Trade, the Issuer shall redeem or cancel, as applicable, all but not some only of the Credit Securities on a date as specified by notice to the Holders in accordance with Security Condition 10 (*Notices*) on or after the Substitution Event Date, and at an amount (which may be zero) in respect of each Credit Security equal to the fair market value of such Credit Security taking into account the relevant Substitution Event, less (where "Hedging Link Provisions" is specified as applicable in the Final Terms) the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements all as determined by the Calculation Agent in good faith and in a commercially reasonable manner.

Notwithstanding the definition of "Substitute Reference Obligation", (i) no Substitute Reference Obligation shall be determined in respect of a Reference Obligation Only Trade and (ii) if the events set out in paragraphs (ii) or (iii) of the definition of "Substitution Event" occur with respect to the Reference Obligation in a Reference Obligation Only Trade, such Reference Obligation shall continue to be the Reference Obligation.

**"Relevant Annex"** means an annex setting out the Reference Entities for the purposes of the Credit Securities, being the annex specified as such in the Final Terms.

**"Relevant City Business Day"** has the meaning given to that term in the Rules in respect of the relevant Reference Entity.

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

**"Relevant Guarantee"** means a Qualifying Affiliate Guarantee or, if "All Guarantees" is specified as applicable in respect of the Reference Entity, a Qualifying Guarantee.

**"Relevant Holder"** means a holder of the Prior Deliverable Obligation or Package Observable Bond, as the case may be, with an Outstanding Principal Balance or Due and Payable Amount, as applicable, immediately prior to the relevant Asset Package Credit Event, equal to the Outstanding Amount specified in respect of such Prior Deliverable Obligation or Package Observable Bond in the Notice of Physical Settlement, or NOPS Amendment Notice, as applicable.

**"Relevant Obligations"** means the Obligations of the Reference Entity which fall within the Obligation Category "Bond or Loan" and which are outstanding immediately prior to the Succession Date (or, if there is a Steps Plan, immediately prior to the legally effective date of the first succession), provided that:

- (a) any Bonds or Loans outstanding between the Reference Entity and any of its Affiliates, or held by the Reference Entity, shall be excluded;
- (b) if there is a Steps Plan, the Calculation Agent shall, for purposes of the determination required to be made under the definition of "Successor", make the appropriate adjustments required to take account of any Obligations of the Reference Entity which fall within the Obligation Category "Bond or Loan" that are issued, incurred, redeemed, repurchased or cancelled from and including the legally effective date of the first succession to and including the Succession Date;
- (c) if "Financial Reference Entity Terms" is specified as applicable in respect of the Reference Entity and "Senior Transaction" is applicable in respect of the Reference Entity, the related Relevant Obligations shall only include the Senior Obligations of the Reference Entity which fall within the Obligation Category "Bond or Loan"; and
- (d) if "Financial Reference Entity Terms" is specified as applicable in respect of the Reference Entity, and "Subordinated Transaction" is applicable in respect of the Reference Entity, the related Relevant Obligations shall exclude Senior Obligations and any Further Subordinated Obligations of the Reference Entity which fall within the Obligation Category "Bond or Loan", provided that if no such Relevant Obligations exist, "Relevant Obligations" shall have the same meaning as it would if the "Senior Transaction" were applicable in respect of the Reference Entity.

**"Relevant Valuation Date"** means the Settlement Valuation Date or Valuation Date, as the case may be.

**"Replaced Deliverable Obligation Outstanding Amount"** means the Outstanding Amount of each Deliverable Obligation identified in the Notice of Physical Settlement or a prior NOPS Amendment Notice, as applicable, that is being replaced.

**"Replacement Deliverable Obligation"** means each replacement Deliverable Obligation that the Issuer intends to, subject to Credit Security Condition 5 (*Physical Settlement*), Deliver to the Holders in lieu of each original Deliverable Obligation which has not been Delivered as at the date of such NOPS Amendment Notice.

**"Replacement Reference Entity"** means any entity selected by the Calculation Agent acting in a commercially reasonable manner, which is incorporated in the same geographical area, has the same Transaction Type as the Legacy Reference Entity and which is of a similar or better credit quality than



## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

the Legacy Reference Entity, as measured by Standard & Poor's Ratings Services and/or by Moody's Investors Service Ltd., at the date of the relevant Succession Date provided that in selecting any Replacement Reference Entity, the Calculation Agent is under no obligation to the Holders, the Issuer or any other person and, provided that the Successor selected meets the criteria specified above, is entitled, and indeed will endeavour, to select the least credit-worthy of the Successors. In making any selection, the Calculation Agent will not be liable to account to the Holders, the Issuer or any other person for any profit or other benefit to it or any of its affiliates which may result directly or indirectly from any such selection.

**"Representative Amount"** means an amount that is representative for a single transaction in the relevant market and at the relevant time, such amount to be determined by the Calculation Agent.

**"Repudiation/Moratorium"** means the occurrence of both of the following events:

- (a) an authorised officer of the Reference Entity or a Governmental Authority:
  - (i) disaffirms, disclaims, repudiates or rejects, in whole or in part, or challenges the validity of, one or more Obligations in an aggregate amount of not less than the Default Requirement; or
  - (ii) declares or imposes a moratorium, standstill, roll-over or deferral, whether de facto or de jure, with respect to one or more Obligations in an aggregate amount of not less than the Default Requirement; and
- (b) a Failure to Pay, determined without regard to the Payment Requirement, or a Restructuring, determined without regard to the Default Requirement, with respect to any such Obligation occurs on or prior to the Repudiation/Moratorium Evaluation Date.

**"Repudiation/Moratorium Evaluation Date"** means, if a Potential Repudiation/Moratorium occurs on or prior to the Credit Observation Period End Date:

- (a) if the Obligations to which such Potential Repudiation/Moratorium relates include Bonds, the date that is the later of:
  - (i) the date that is 60 days after the date of such Potential Repudiation/Moratorium; and
  - (ii) the first payment date under any such Bond after the date of such Potential Repudiation/Moratorium (or, if later, the expiration date of any applicable Grace Period in respect of such payment date); and
- (b) if the Obligations to which such Potential Repudiation/Moratorium relates do not include Bonds, the date that is 60 days after the date of such Potential Repudiation/Moratorium.

**"Resolve"** has the meaning given to that term in the Rules, and **"Resolved"** and **"Resolves"** shall be interpreted accordingly.

**"Restructured Bond or Loan"** means an Obligation which is a Bond or Loan and in respect of which the relevant Restructuring has occurred.

**"Restructuring"** means:

- (a) that, with respect to one or more Obligations and in relation to an aggregate amount of not less than the Default Requirement, any one or more of the following events occurs in a form that binds all holders of such Obligation, is agreed between the Reference Entity or a Governmental

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

Authority and a sufficient number of holders of such Obligation to bind all holders of such Obligation or is announced (or otherwise decreed) by the Reference Entity or a Governmental Authority in a form that binds all holders of such Obligation (including, in each case, in respect of Bonds only, by way of an exchange), and such event is not expressly provided for under the terms of such Obligation in effect as of the later of the Credit Event Backstop Date and the date as of which such Obligation is issued or incurred:

- (i) a reduction in the rate or amount of interest payable or the amount of scheduled interest accruals (including by way of redenomination);
  - (ii) a reduction in the amount of principal or premium payable at redemption (including by way of redenomination);
  - (iii) a postponement or other deferral of a date or dates for either (A) the payment or accrual of interest, or (B) the payment of principal or premium;
  - (iv) a change in the ranking in priority of payment of any Obligation, causing the Subordination of such Obligation to any other Obligation; or
  - (v) any change in the currency of any payment of interest, principal or premium to any currency other than the lawful currency of Canada, Japan, Switzerland, the United Kingdom and the United States of America and the euro and any successor currency to any of the aforementioned currencies (which in the case of the euro, shall mean the currency which succeeds to and replaces the euro in whole).
- (b) Notwithstanding the provisions of (a) above, none of the following shall constitute a Restructuring:
- (i) the payment in euros of interest, principal or premium in relation to an Obligation denominated in a currency of a Member State of the European Union that adopts or has adopted the single currency in accordance with the Treaty establishing the European Community, as amended by the Treaty on European Union;
  - (ii) the redenomination from euros into another currency, if (A) the redenomination occurs as a result of action taken by a Governmental Authority of a Member State of the European Union which is of general application in the jurisdiction of such Governmental Authority and (B) a freely available market rate of conversion between euros and such other currency existed at the time of such redenomination and there is no reduction in the rate or amount of interest, principal or premium payable, as determined by reference to such freely available market rate of conversion;
  - (iii) the occurrence of, agreement to or announcement of any of the events described in (a)(i) to (v) above due to an administrative adjustment, accounting adjustment or tax adjustment or other technical adjustment occurring in the ordinary course of business; and
  - (iv) the occurrence of, agreement to or announcement of any of the events described in (a)(i) to (v) above in circumstances where such event does not directly or indirectly result from a deterioration in the creditworthiness or financial condition of the Reference Entity, provided that in respect of (a)(v) only, no such deterioration in the creditworthiness or financial condition of the Reference Entity is required where the redenomination is from euros into another currency and occurs as a result of action

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

taken by a Governmental Authority of a Member State of the European Union which is of general application in the jurisdiction of such Governmental Authority.

- (c) For the purposes of (a) and (b) above and Credit Security Condition 9(e) (*Multiple Holder Obligations*), the term "Obligation" shall be deemed to include Underlying Obligations for which the Reference Entity is acting as provider of a Guarantee. In the case of a Guarantee and an Underlying Obligation, references to the Reference Entity in (a) above shall be deemed to refer to the Underlying Obligor and the reference to the Reference Entity in (b) above shall continue to refer to the Reference Entity.
- (d) If an exchange has occurred, the determination as to whether one of the events described under (a)(i) to (v) above has occurred will be based on a comparison of the terms of the Bond immediately prior to such exchange and the terms of the resulting obligations immediately following such exchange.

**"Restructuring Date"** means, with respect to a Restructured Bond or Loan, the date on which a Restructuring is legally effective in accordance with the terms of the documentation governing such Restructuring.

**"Restructuring Maturity Limitation Date"** means, with respect to a Deliverable Obligation, the Limitation Date occurring on or immediately following the Credit Observation Period End Date. Notwithstanding the foregoing, if the final maturity date of the Restructured Bond or Loan with the latest final maturity date of any Restructured Bond or Loan occurs prior to the 2.5-year Limitation Date (such Restructured Bond or Loan, a **"Latest Maturity Restructured Bond or Loan"**) and the Credit Observation Period End Date occurs prior to the final maturity date of such Latest Maturity Restructured Bond or Loan, then the Restructuring Maturity Limitation Date will be the final maturity date of such Latest Maturity Restructured Bond or Loan.

**"Revised Currency Rate"** means, with respect to a Replacement Deliverable Obligation specified in a NOPS Amendment Notice, the rate of conversion between the currency in which the Replaced Deliverable Obligation Outstanding Amount is denominated and the currency in which the Outstanding Amount of such Replacement Deliverable Obligation is denominated that is determined either:

- (a) by reference to the Currency Rate Source as at the Next Currency Fixing Time; or
- (b) if such rate is not available at such time, as the Calculation Agent shall determine in a commercially reasonable manner.

**"Rules"** means the Credit Derivatives Determinations Committees Rules, as published on the website of the Credit Derivatives Determinations Committees at <https://www.cdsdeterminationscommittees.org> (or any successor website thereto) from time to time and as amended from time to time in accordance with the terms thereof.

**"Scheduled Redemption Date"** means the date specified as such in the applicable Final Terms which shall not be subject to adjustment in accordance with any Business Day Convention unless otherwise specified in the applicable Final Terms.

**"Senior Obligation"** means any obligation which is not Subordinated to any unsubordinated Borrowed Money obligation of the Reference Entity.

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

**"Senior Transaction"** means a Reference Entity for which (a) the Reference Obligation or Prior Reference Obligation, as applicable, is a Senior Obligation, or (b) there is no Reference Obligation or Prior Reference Obligation.

**"Seniority Level"** means, with respect to an obligation of the Reference Entity, (a) "Senior Level" or "Subordinated Level" as specified in respect of the Reference Entity, or (b) if no such seniority level is specified in respect of the Reference Entity, "Senior Level" if the Original Non-Standard Reference Obligation is a Senior Obligation or "Subordinated Level" if the Original Non-Standard Reference Obligation is a Subordinated Obligation, failing which (c) "Senior Level".

**"Settlement Currency"** means the currency specified as such in the Final Terms, or if no currency is so specified in the Final Terms, the Specified Currency.

**"Settlement Method"** means the settlement method specified as such in the Final Terms and if no Settlement Method is specified in the Final Terms, Auction Settlement.

**"Settlement Valuation Date"** means the date being three Credit Security Business Days prior to the Delivery Date provided that if a Notice of Physical Settlement or NOPS Amendment Notice, as applicable, is given or, as the case may be, changed at any time after the third Credit Security Business Day prior to the Physical Settlement Date, the Settlement Valuation Date shall be the date which is three Credit Security Business Days after such Notice of Physical Settlement or NOPS Amendment Notice, as applicable, is given.

**"Similar Reference Entity"** means an entity with an equivalent Rating (as defined below) or an equivalent credit risk (if no Rating is available to the relevant Reference Entity), and as secondary criteria geographic and Transaction Type proximity to such Reference Entity.

For the purposes of this definition, **"Rating"** means the senior unsecured debt rating assigned by the three rating agencies Moody's Investor Service, Inc., Standard & Poor's Ratings Services, a division of Standard & Poor's Credit Market Service Europe Limited and Fitch Ratings or any of them, it being understood that if the ratings assigned in respect of an entity are not equivalent, only the highest one(s) will be taken into consideration.

**"Single Reference Entity Credit Securities"** means any Credit Securities specified as such in the Final Terms.

**"Solvency Capital Provisions"** means any terms in an obligation which permit the Reference Entity's payment obligations thereunder to be deferred, suspended, cancelled, converted, reduced or otherwise varied and which are necessary in order for the obligation to constitute capital resources of a particular tier.

**"Sovereign"** means any state, political subdivision or government, or any agency, instrumentality, ministry, department or other authority acting in a governmental capacity (including, without limiting the foregoing, the central bank) thereof.

**"Sovereign No Asset Package Delivery Supplement"** means the 2014 Sovereign No Asset Package Delivery Supplement to the 2014 ISDA Credit Derivatives Definitions, as published by ISDA.

**"Sovereign Restructured Deliverable Obligation"** means an Obligation of a Reference Entity which is a Sovereign (either directly or as provider of a Relevant Guarantee) (a) in respect of which a Restructuring that is the subject of the Credit Event Notice or DC Credit Event Announcement has occurred and (b) which fell within the definition of a Deliverable Obligation set out in paragraph (a) of

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

the definition of "Deliverable Obligation" immediately preceding the date on which such Restructuring is legally effective in accordance with the terms of the documentation governing such Restructuring.

**"Sovereign Succession Event"** means, with respect to a Reference Entity that is a Sovereign, an annexation, unification, secession, partition, dissolution, consolidation, reconstitution or other similar event.

**"Specified Currency"** means an obligation that is payable in the currency or currencies specified as such in respect of the Reference Entity (or, if "Specified Currency" is specified in respect of the Reference Entity and no currency is so specified, any Standard Specified Currency), provided that if the euro is a Specified Currency, "Specified Currency" shall also include an obligation that was previously payable in the euro, regardless of any redenomination thereafter if such redenomination occurred as a result of action taken by a Governmental Authority of a Member State of the European Union which is of general application in the jurisdiction of such Governmental Authority.

**"Specified Number"** means the number of Public Sources specified in respect of the Reference Entity (or, if no such number is specified, two).

**"SRO List"** means the list of Standard Reference Obligations as published by ISDA on its website at [www.isda.org](http://www.isda.org) from time to time (or any successor website thereto) or by a third party designated by ISDA on its website from time to time.

**"Standard Reference Obligation"** means the obligation of the Reference Entity with the relevant Seniority Level which is specified from time to time on the SRO List.

**"Standard Specified Currencies"** means each of the lawful currencies of Canada, Japan, Switzerland, France, Germany, the United Kingdom and the United States of America and the euro and any successor currency to any of the aforementioned currencies (which in the case of the euro, shall mean the currency which succeeds to and replaces the euro in whole).

**"Steps Plan"** means a plan evidenced by Eligible Information contemplating that there will be a series of successions to some or all of the Relevant Obligations of the Reference Entity, by one or more entities.

**"Subordinated Obligation"** means any obligation which is Subordinated to any unsubordinated Borrowed Money obligation of the Reference Entity or which would be so Subordinated if any unsubordinated Borrowed Money obligation of the Reference Entity existed.

**"Subordinated Transaction"** means a Reference Entity for which the Reference Obligation or Prior Reference Obligation, as applicable, is a Subordinated Obligation.

**"Subordination"** means, with respect to an obligation (the **"Second Obligation"**) and another obligation of the Reference Entity to which such obligation is being compared (the **"First Obligation"**), a contractual, trust or similar arrangement providing that (I) upon the liquidation, dissolution, reorganization or winding-up of the Reference Entity, claims of the holders of the First Obligation are required to be satisfied prior to the claims of the holders of the Second Obligation, or (II) the holders of the Second Obligation will not be entitled to receive or retain principal payments in respect of their claims against the Reference Entity at any time that the Reference Entity is in payment arrears or is otherwise in default under the First Obligation. **"Subordinated"** will be construed accordingly. For purposes of determining whether Subordination exists or whether an obligation is Subordinated with respect to another obligation to which it is being compared, (x) the existence of preferred creditors arising by operation of law or of collateral, credit support or other credit enhancement or security arrangements shall not be taken into account, except that, notwithstanding the foregoing, priorities arising by operation

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

of law shall be taken into account where the Reference Entity is a Sovereign and (y) in the case of the Reference Obligation or the Prior Reference Obligation, as applicable, the ranking in priority of payment shall be determined as of the date as of which it was issued or incurred (or in circumstances where the Reference Obligation or a Prior Reference Obligation is the Standard Reference Obligation and "Standard Reference Obligation" is applicable, then the priority of payment of the Reference Obligation or the Prior Reference Obligation, as applicable, shall be determined as of the date of selection) and, in each case, shall not reflect any change to such ranking in priority of payment after such date.

**"Substitute Reference Obligation"** means, with respect to a Non-Standard Reference Obligation to which a Substitution Event has occurred, the obligation that will replace the Non-Standard Reference Obligation, determined by the Calculation Agent as follows:

- (a) The Calculation Agent shall identify the Substitute Reference Obligation in accordance with paragraphs (c), (d) and (e) below to replace the Non-Standard Reference Obligation; provided that the Calculation Agent will not identify an obligation as the Substitute Reference Obligation if, at the time of the determination, such obligation has already been rejected as the Substitute Reference Obligation by the relevant Credit Derivatives Determinations Committee and such obligation has not changed materially since the date of the relevant DC Resolution.
- (b) If any of the events set forth under paragraphs (i) or (iii) of the definition of "Substitution Event" have occurred with respect to the Non-Standard Reference Obligation, the Non-Standard Reference Obligation will cease to be the Reference Obligation (other than for purposes of the "Not Subordinated" Obligation Characteristic or "Not Subordinated" Deliverable Obligation Characteristic and paragraph (c)(ii) below). If the event set forth in paragraph (ii) of the definition of "Substitution Event" has occurred with respect to the Non-Standard Reference Obligation and no Substitute Reference Obligation is available, the Non-Standard Reference Obligation will continue to be the Reference Obligation until the Substitute Reference Obligation is identified or, if earlier, until any of the events set forth under paragraphs (i) or (iii) of the definition of "Substitution Event" occur with respect to such Non-Standard Reference Obligation.
- (c) The Substitute Reference Obligation shall be an obligation that on the Substitution Date:
  - (i) is a Borrowed Money obligation of the Reference Entity (either directly or as provider of a guarantee);
  - (ii) satisfies the Not Subordinated Deliverable Obligation Characteristic as of the date it was issued or incurred (without reflecting any change to the priority of payment after such date) and on the Substitution Date; and
  - (iii) (A) if the Non-Standard Reference Obligation was a Conforming Reference Obligation when issued or incurred and immediately prior to the Substitution Event Date:
    - (I) is a Deliverable Obligation (other than a Loan) determined in accordance with paragraph (a) of the definition of "Deliverable Obligation"; or if no such obligation is available,
    - (II) is a Loan (other than a Private-side Loan) which constitutes a Deliverable Obligation determined in accordance with paragraph (a) of the definition of "Deliverable Obligation";

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (B) if the Non-Standard Reference Obligation was a Bond (or any other Borrowed Money obligation other than a Loan) which was a Non-Conforming Reference Obligation when issued or incurred and/or immediately prior to the Substitution Event Date:
    - (I) is a Non-Conforming Substitute Reference Obligation (other than a Loan); or if no such obligation is available,
    - (II) is a Deliverable Obligation (other than a Loan) determined in accordance with paragraph (a) of the definition of "Deliverable Obligation"; or if no such obligation is available,
    - (III) is a Non-Conforming Substitute Reference Obligation which is a Loan (other than a Private-side Loan); or if no such obligation is available,
    - (IV) is a Loan (other than a Private-side Loan) which constitutes a Deliverable Obligation determined in accordance with paragraph (a) of the definition of "Deliverable Obligation"; or
  - (C) if the Non-Standard Reference Obligation was a Loan which was a Non-Conforming Reference Obligation when incurred and/or immediately prior to the Substitution Event Date:
    - (I) is a Non-Conforming Substitute Reference Obligation which is a Loan (other than a Private-side Loan); or if no such obligation is available,
    - (II) is a Non-Conforming Substitute Reference Obligation (other than a Loan); or if no such obligation is available,
    - (III) is a Deliverable Obligation (other than a Loan) determined in accordance with paragraph (a) of the definition of "Deliverable Obligation"; or if no such obligation is available,
    - (IV) is a Loan (other than a Private-side Loan) which constitutes a Deliverable Obligation determined in accordance with paragraph (a) of the definition of "Deliverable Obligation".
- (d) If more than one potential Substitute Reference Obligation is identified pursuant to the process described in paragraph (c), the Substitute Reference Obligation will be the potential Substitute Reference Obligation that most closely preserves the economic equivalent of the delivery and payment obligations of the Credit Securities, as determined by the Calculation Agent. The Substitute Reference Obligation determined by the Calculation Agent shall, without further action, replace the Non-Standard Reference Obligation.
- (e) If a Substitution Event has occurred with respect to the Non-Standard Reference Obligation and the Calculation Agent determines that no Substitute Reference Obligation is available for the Non-Standard Reference Obligation, then, subject to paragraph (a) and notwithstanding the fact that the Non-Standard Reference Obligation may have ceased to be the Reference Obligation in accordance with paragraph (b), the Calculation Agent shall continue to attempt to identify the Substitute Reference Obligation.

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

**"Substitute Reference Obligation Resolution Request Date"** means, with respect to a notice to the DC Secretary requesting that a Credit Derivatives Determinations Committee be convened to Resolve a Substitute Reference Obligation to the Non-Standard Reference Obligation, the date, as publicly announced by the DC Secretary, that the relevant Credit Derivatives Determinations Committee Resolves to be the date on which such notice is effective.

**"Substitution Date"** means, with respect to a Substitute Reference Obligation, the date on which the Calculation Agent identifies the Substitute Reference Obligation in accordance with the definition of "Substitute Reference Obligation".

**"Substitution Event"** means, with respect to the Non-Standard Reference Obligation:

- (a) the Non-Standard Reference Obligation is redeemed in whole;
- (b) the aggregate amounts due under the Non-Standard Reference Obligation have been reduced by redemption or otherwise below USD 10,000,000 (or its equivalent in the relevant Obligation Currency, as determined by the Calculation Agent); or
- (c) for any reason, other than due to the existence or occurrence of a Credit Event, the Non-Standard Reference Obligation is no longer an obligation of the Reference Entity (either directly or as provider of a guarantee).

For purposes of identification of the Non-Standard Reference Obligation, any change in the Non-Standard Reference Obligation's CUSIP or ISIN number or other similar identifier will not, in and of itself, constitute a Substitution Event.

If an event described in paragraphs (i) or (ii) of the definition of "Substitution Event" has occurred on or prior to the Trade Date, then a Substitution Event shall be deemed to have occurred pursuant to such paragraph (i) or (ii), as the case may be, on the Trade Date.

**"Substitution Event Date"** means, with respect to the Reference Obligation, the date of the occurrence of the relevant Substitution Event.

**"succeed"** for the purposes of the provisions relating to the determination of a Successor and the definitions of "Successor" and "Sovereign Succession Event", means, with respect to the Reference Entity and its Relevant Obligations, that an entity other than the Reference Entity (i) assumes or becomes liable for such Relevant Obligations whether by operation of law or pursuant to any agreement (including, with respect to a Reference Entity that is a Sovereign, any protocol, treaty, convention, accord, concord, entente, pact or other agreement), or (ii) issues Bonds or incurs Loans (the **"Exchange Bonds or Loans"**) that are exchanged for Relevant Obligations, and in either case the Reference Entity is not thereafter a direct obligor or a provider of a Relevant Guarantee with respect to such Relevant Obligations or such Exchange Bonds or Loans, as applicable. For purposes of the provisions relating to the determination of a Successor and the definitions of "Successor" and "Sovereign Succession Event", **"succeeded"** and **"succession"** shall be construed accordingly.

**"Succession Date"** means the legally effective date of an event in which one or more entities succeed to some or all of the Relevant Obligations of the Reference Entity; provided that if at such time, there is a Steps Plan, the Succession Date will be the legally effective date of the final succession in respect of such Steps Plan, or if earlier (i) the date on which a determination pursuant to the definition of "Successor" would not be affected by any further related successions in respect of such Steps Plan, or (ii) the occurrence of an Event Determination Date in respect of the Reference Entity or any entity which would constitute a Successor.



## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

**"Successor Backstop Date"** means for purposes of any Successor determination determined by DC Resolution, the date that is ninety calendar days prior to the Successor Resolution Request Date otherwise, the date that is ninety calendar days prior to the earlier of (i) the date on which the Calculation Agent determines a succession (or, in relation to a Reference Entity that is a Sovereign, a Sovereign Succession Event) has occurred and (ii) the Successor Resolution Request Date, in circumstances where (A) a Successor Resolution Request Date has occurred, (B) the relevant Credit Derivatives Determinations Committee has Resolved not to make a Successor determination and (C) the Calculation Agent determines, not more than fifteen Credit Security Business Days after the day on which the DC Secretary publicly announces that the relevant Credit Derivatives Determinations Committee has Resolved not to make a Successor determination, a succession (or, in relation to a Reference Entity that is a Sovereign, a Sovereign Succession Event) has occurred. The Successor Backstop Date shall not be subject to adjustment in accordance with any Business Day Convention.

**"Successor"** means, subject to Credit Security Condition 7(a)(ii) (*Provisions for determining a Successor*), the entity or entities, if any, determined as follows:

- (a) subject to paragraph (vii) below, if one entity succeeds, either directly or as a provider of a Relevant Guarantee, to seventy-five per cent or more of the Relevant Obligations of the Reference Entity, that entity will be the sole Successor in respect of the relevant Reference Entity;
- (b) if only one entity succeeds, either directly or as a provider of a Relevant Guarantee, to more than twenty-five per cent (but less than seventy-five per cent) of the Relevant Obligations of the Reference Entity, and not more than twenty-five per cent of the Relevant Obligations of the Reference Entity remain with the Reference Entity, the entity that succeeds to more than twenty-five per cent of the Relevant Obligations will be the sole Successor in respect of the relevant Reference Entity;
- (c) if more than one entity each succeeds, either directly or as a provider of a Relevant Guarantee, to more than twenty-five per cent of the Relevant Obligations of the Reference Entity, and not more than twenty-five per cent of the Relevant Obligations of the Reference Entity remain with the Reference Entity, the entities that succeed to more than twenty-five per cent of the Relevant Obligations will each be a Successor;
- (d) if one or more entities each succeeds, either directly or as a provider of a Relevant Guarantee, to more than twenty-five per cent of the Relevant Obligations of the Reference Entity, and more than twenty-five per cent of the Relevant Obligations of the Reference Entity remain with the Reference Entity, each such entity and the Reference Entity will each be a Successor;
- (e) if one or more entities succeed, either directly or as a provider of a Relevant Guarantee, to a portion of the Relevant Obligations of the Reference Entity, but no entity succeeds to more than twenty-five per cent of the Relevant Obligations of the Reference Entity and the Reference Entity continues to exist, there will be no Successor and the Reference Entity will not be changed in any way as a result of such succession;
- (f) if one or more entities succeed, either directly or as a provider of a Relevant Guarantee, to a portion of the Relevant Obligations of the Reference Entity, but no entity succeeds to more than twenty-five per cent of the Relevant Obligations of the Reference Entity and the Reference Entity ceases to exist, the entity which succeeds to the greatest percentage of Relevant Obligations will be the Successor (provided that if two or more entities succeed to an equal percentage of Relevant Obligations, each such entity will be a Successor); and

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (g) in respect of a Reference Entity which is not a Sovereign, if one entity assumes all of the obligations (including at least one Relevant Obligation) of the Reference Entity, and at the time of the determination either (A) the Reference Entity has ceased to exist, or (B) the Reference Entity is in the process of being dissolved (howsoever described) and the Reference Entity has not issued or incurred any Borrowed Money obligation at any time since the legally effective date of the assumption, such entity (the "**Universal Successor**") will be the sole Successor for the relevant Reference Entity.

**"Successor Resolution Request Date"** means, with respect to a notice to the DC Secretary requesting that a Credit Derivatives Determinations Committee be convened to Resolve one or more Successors to the Reference Entity, the date, as publicly announced by the DC Secretary, that the relevant Credit Derivatives Determinations Committee Resolves to be the date on which such notice is effective.

**"Surviving Reference Entity"** has the meaning given to such term in Credit Security Condition 7(c)(ii) (*Nth-to-Default*) above.

**"TARGET Settlement Day"** means any day on which TARGET2 (the Trans-European Automated Real-time Gross settlement Express Transfer system) is open.

**"Trade Date"** means the date specified as such in the Final Terms.

**"Tranche Size"** means, in respect of Tranching Credit Securities, the Exhaustion Point minus the Attachment Point.

**"Tranching Credit Securities"** means Credit Securities where the Issuer purchases credit protection from the Holders in respect of a tranching basket of Reference Entities (other than on an Nth-to-default basis), as specified in the Final Terms.

**"Transaction Auction Settlement Terms"** means, in respect of any Reference Entity and a related Credit Event, the Credit Derivatives Auction Settlement Terms published by ISDA in respect of such Credit Event and in respect of which the Notional Credit Derivative Transaction would be an Auction Covered Transaction.

**"Transaction Type"** means, unless otherwise specified in the Final Terms, each "Transaction Type" specified as such in the Physical Settlement Matrix from time to time.

**"Transferable"** means an obligation that is transferable to institutional investors without any contractual, statutory or regulatory restriction, provided that none of the following shall be considered contractual, statutory or regulatory restrictions:

- (a) contractual, statutory or regulatory restrictions that provide for eligibility for resale pursuant to Rule 144A or Regulation S promulgated under the United States Securities Act of 1933, as amended (and any contractual, statutory or regulatory restrictions promulgated under the laws of any jurisdiction having a similar effect in relation to the eligibility for resale of an obligation);
- (b) restrictions on permitted investments such as statutory or regulatory investment restrictions on insurance companies and pension funds; or
- (c) restrictions in respect of blocked periods on or around payment dates or voting periods.

**"Undeliverable Obligation"** means a Deliverable Obligation included in the Notice of Physical Settlement or NOPS Amendment Notice, as applicable, which, on the Settlement Date for such Deliverable Obligation, the Calculation Agent determines for any reason (including without limitation,

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

failure by the Holder to deliver an Asset Transfer Notice, failure of the relevant clearance system or due to any law, regulation, court order or market conditions or the non-receipt of any requisite consents with respect to the Delivery of Loans) it is impossible or illegal to Deliver on the Settlement Date, as a result of an event described in Credit Securities Condition 5(b) (*Partial Credit Securities Cash Settlement*).

**"Underlying Finance Instrument"** means where the LPN Issuer provides finance to the Reference Entity by way of a deposit, loan or other Borrowed Money instrument.

**"Underlying Loan"** means where the LPN Issuer provides a loan to the Reference Entity.

**"Underlying Obligation"** means, with respect to a guarantee, the obligation which is the subject of the guarantee.

**"Underlying Obligor"** means with respect to an Underlying Obligation, the issuer in the case of a Bond, the borrower in the case of a Loan, or the principal obligor in the case of any other Underlying Obligation.

**"Unsettled Credit Event"** means any Event Determination Date in respect of a Reference Entity for which the related Final Price Calculation Date has not occurred.

**"Unsettled Retention Amount"** means, in respect of Tranching Credit Securities in respect of which one or more Unsettled Credit Events has occurred, the sum of the maximum aggregate Incurred Loss Amounts and maximum aggregate Incurred Recovery Amounts which could be determined (assuming an Auction Final Price, Weighted Average Final Price or Final Price of zero in respect of each Unsettled Credit Event).

**"Unwind Value of the Reference CDS"** means an amount, determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, that the Calculation Agent would have to pay to a counterparty (a positive amount) or receive from a counterparty (a negative amount) to terminate a credit default swap having market standard terms for such Reference Entity, and having a notional amount equal to the relevant Reference Entity Notional Amount.

**"Valuation Date"** means:

- (a) any Credit Security Business Day falling between the 55<sup>th</sup> and the 122<sup>nd</sup> Credit Security Business Day following the Event Determination Date (or, if the Event Determination Date occurs pursuant to sub-paragraph (b) above of the definition of "Event Determination Date", the day on which the DC Credit Event Announcement occurs, if later), or, following any Auction Cancellation Date or No Auction Announcement Date, such later Credit Security Business Day, (in each case, as selected by the Calculation Agent acting in good faith and in a commercially reasonable manner); or
- (b) if "Cash Settlement" is applicable as a Fallback Settlement Method, any Credit Security Business Day falling between the 55<sup>th</sup> and the 122<sup>nd</sup> Credit Security Business Day following the Event Determination Date, or, following any Auction Cancellation Date or No Auction Announcement Date, such later Credit Security Business Day, (in each case, as selected by the Calculation Agent acting in good faith and in a commercially reasonable manner); or
- (c) if Partial Credit Event Cash Settlement applies, the date which is up to fifteen Credit Security Business Days after the Latest Permissible Physical Settlement Date or, as applicable the Extended Physical Settlement Date (as selected by the Calculation Agent acting in good faith and in a commercially reasonable manner).

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

**"Valuation Obligation"** means, in respect of a Reference Entity, notwithstanding anything to the contrary in the Credit Security Conditions, one or more obligations of such Reference Entity (either directly or as provider of a Relevant Guarantee) which is capable of being specified in a Notice of Physical Settlement (or in any NOPS Amendment Notice, as applicable) if Physical Settlement were the applicable Settlement Method and/or any Asset in the related Asset Package in respect of a Prior Deliverable Obligation or Package Observable Bond, in each case, as selected by the Issuer in its sole and absolute discretion on or prior to the applicable Valuation Date, provided that, for such purpose:

- (a) any reference to "Delivery Date" or "NOPS Effective Date" in the definitions of "Conditionally Transferable Obligation", "Deliverable Obligation", within any of the terms comprising "Deliverable Obligation Category" or "Deliverable Obligation Characteristic" and "Due and Payable Amount" shall be deemed to be a reference to the words "Relevant Valuation Date"; and
- (b) in respect of any Asset in the related Asset Package in respect of a Prior Deliverable Obligation or Package Observable Bond, any reference to "Outstanding Principal Balance", "Due and Payable Amount" or "Outstanding Amount" in the definitions of "Final Price", "Full Quotation", "Quotation", "Quotation Amount" and "Weighted Average Quotation" shall be deemed to be a reference to the words "Outstanding Amount of the relevant Prior Deliverable Obligation or Package Observable Bond immediately prior to the Asset Package Credit Event".

For the avoidance of doubt, the use of Deliverable Obligation terms in the definition of "Valuation Obligation" is for convenience only and is not intended to amend the selected settlement method.

**"Valuation Obligations Portfolio"** means one or more Valuation Obligations of a Reference Entity selected by the Calculation Agent in its discretion, each in an Outstanding Amount (or, as the case may be, an Outstanding Amount of the relevant Prior Deliverable Obligation or Package Observable Bond immediately prior to the Asset Package Credit Event) selected by the Calculation Agent acting in good faith and in a commercially reasonable manner (and references to "Quotation Amount" shall be construed accordingly), provided that the aggregate of such Outstanding Amounts (or in each case the equivalent in the Specified Currency thereof (converted at the foreign exchange rate prevailing on any date from (and including) the Event Determination Date to (and including) the Valuation Date, as selected by the Calculation Agent acting in good faith and in a commercially reasonable manner)), shall not exceed the relevant Reference Entity Notional Amount.

**"Valuation Time"** means the time specified in relation to a Reference Entity or, if no such time is specified, 11:00 a.m. in the principal trading market for the relevant Valuation Obligation or Undeliverable Obligation, as the case may be.

**"Voting Shares"** means the shares or other interests that have the power to elect the board of directors or similar governing body of an entity.

**"Weighted Average Final Price"** means the weighted average of the Final Prices determined for each selected Valuation Obligation in the Valuation Obligations Portfolio, weighted by the outstanding amount of each such Valuation Obligation (or its equivalent in the Settlement Currency converted by the Calculation Agent in a commercially reasonable manner by reference to exchange rates in effect at the time of such determination).

**"Weighted Average Quotation"** means, in accordance with the bid quotations provided by the Credit Security Dealers, the weighted average of firm quotations obtained from the Credit Security Dealers at the Valuation Time, to the extent reasonably practicable, each for an amount of the Reference Obligation, Deliverable Obligation or Undeliverable Obligation, as the case may be, with an Outstanding Principal

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

Balance or Due and Payable Amount, as applicable (or its equivalent in the relevant currency converted by the Calculation Agent, acting in good faith and in a commercially reasonable manner, by reference to exchange rates in effect at the time of such determination), of as large a size as available but less than the Quotation Amount (in the case of Deliverable Obligations only, but of a size at least equal to the Minimum Quotation Amount) that in the aggregate are approximately equal to the Quotation Amount.

**"Writedown Amount"** means, in respect of an Event Determination Date relating to a Reference Entity, the aggregate of the Incurred Loss Amounts (if any) and if "Incurred Recoveries" is specified as applicable in the Final Terms, Incurred Recovery Amounts (if any) for the related Final Price Calculation Date and any related Aggregate Unwind Costs.

### 12. 2019 Narrowly Tailored Credit Event Provisions

The following are the "NTCE Provisions", which shall (i) not apply in respect of a Reference Entity if such Reference Entity is a Sovereign, or (b) apply in respect of a Reference Entity if such Reference Entity is not a Sovereign, in each case unless otherwise specified in the Final Terms (and reference in any applicable Transaction Type to "2019 NTCE Supplement to the 2014 ISDA Credit Derivatives Definitions (July 2019)" shall for clarification, be to these provisions).

#### (a) Outstanding Principal Balance

The definition of "Outstanding Principal Balance" in Credit Security Condition 11 shall be deleted and replaced with the following:

"The **"Outstanding Principal Balance"** of an obligation will be calculated as follows:

- (i) first, by determining, in respect of the obligation, the amount of the Reference Entity's principal payment obligations and, where applicable in accordance with Credit Security Condition 6(h) (*Accrued Interest*), the Reference Entity's accrued but unpaid interest payment obligations (which, in the case of a Guarantee will be the lower of (A) the Outstanding Principal Balance (including accrued but unpaid interest, where applicable) of the Underlying Obligation (determined as if references to the Reference Entity were references to the Underlying Obligor) and (B) the amount of the Fixed Cap, if any);
- (ii) second, by subtracting all or any portion of such amount which, pursuant to the terms of the obligation, (A) is subject to any Prohibited Action, or (B) may otherwise be reduced as a result of the effluxion of time or the occurrence or non-occurrence of an event or circumstance (other than by way of (I) payment or (II) a Permitted Contingency) (the amount determined in paragraph (i) less any amounts subtracted in accordance with this paragraph (ii), the **"Non-Contingent Amount"**); and
- (iii) third, by determining the Quantum of the Claim, which shall then constitute the Outstanding Principal Balance,

in each case, determined:

- (A) unless otherwise specified, in accordance with the terms of the obligation in effect on either (I) the NOPS Effective Date (or if the terms of the obligation are amended after such date but on or prior to the Delivery Date, the Delivery Date), or (II) the Relevant Valuation Date; and

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

- (B) with respect to the Quantum of the Claim only, in accordance with any applicable laws (insofar as such laws reduce or discount the size of the claim to reflect the original issue price or accrued value of the obligation).

For the purposes of paragraph (B) above, "**applicable laws**" shall include any bankruptcy or insolvency law or other law affecting creditors' rights to which the relevant obligation is, or may become, subject.

Unless "Fallback Discounting" is specified as not applicable in the applicable Final Terms with respect to the relevant Reference Entity, then notwithstanding the above, if (i) the Outstanding Principal Balance of an obligation is not reduced or discounted under paragraph (B) above, (ii) that obligation is either a Bond that has an issue price less than ninety-five per cent. of the principal redemption amount or a Loan where the amount advanced is less than ninety-five per cent. of the principal repayment amount, and (iii) such Bond or Loan does not include provisions relating to the accretion over time of the amount which would be payable on an early redemption or repayment of such Bond or Loan that are customary for the applicable type of Bond or Loan as the case may be, then the Outstanding Principal Balance of such Bond or Loan shall be the lesser of (a) the Non-Contingent Amount; and (b) an amount determined by straight line interpolation between the issue price of the Bond or the amount advanced under the Loan and the principal redemption amount or principal repayment amount, as applicable.

For the purposes of determining whether the issue price of a Bond or the amount advanced under a Loan is less than ninety-five per cent. of the principal redemption amount or principal repayment amount (as applicable) or, where applicable, for applying straight line interpolation:

- (x) where such Bond or Loan was issued as a result of an exchange offer, the issue price or amount advanced of the new Bond or Loan resulting from the exchange shall be deemed to be equal to the aggregate Outstanding Principal Balance of the original obligation(s) that were tendered or exchanged (the "**Original Obligation(s)**") at the time of such exchange (determined without regard to market or trading value of the Original Obligation(s)); and
- (y) in the case of a Bond or Loan that is fungible with a prior debt obligation previously issued by the Reference Entity, such Bond or Loan shall be treated as having the same issue price or amount advanced as the prior debt obligation.

In circumstances where a holder would have received more than one obligation in exchange for the Original Obligation(s), the Calculation Agent will determine the allocation of the aggregate Outstanding Principal Balance of the Original Obligation(s) amongst each of the resulting obligations for the purpose of determining the issue price or amount advanced of the relevant Bond or Loan. Such allocation will take into account the interest rate, maturity, level of subordination and other terms of the obligations that resulted from the exchange and shall be made by the Calculation Agent in accordance with the methodology (if any) determined by the relevant Credit Derivatives Determinations Committee or, if none, as determined by the Calculation Agent in such manner and by reference to such source(s) as it determines appropriate."

- (b) Failure to Pay

The definition of "Failure to Pay" in Credit Security Condition 11 shall be deleted and replaced with the following:

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

**"Failure to Pay"** means, after the expiration of any applicable Grace Period (after the satisfaction of any conditions precedent to the commencement of such Grace Period), the failure by the Reference Entity to make, when and where due, any payments in an aggregate amount of not less than the Payment Requirement under one or more Obligations, in accordance with the terms of such Obligations at the time of such failure.

If an occurrence that would constitute a Failure to Pay (a) is a result of a redenomination that occurs as a result of action taken by a Governmental Authority which is of general application in the jurisdiction of such Governmental Authority and (b) a freely available market rate of conversion existed at the time of the redenomination, then such occurrence will be deemed not to constitute a Failure to Pay unless the redenomination itself constituted a reduction in the rate or amount of interest, principal or premium payable (as determined by reference to such freely available market rate of conversion) at the time of such redenomination.

Unless "Credit Deterioration Requirement" is specified as not applicable in the applicable Final Terms with respect to the relevant Reference Entity, then, notwithstanding the foregoing, it shall not constitute a Failure to Pay if such failure does not directly or indirectly either result from, or result in, a deterioration in the creditworthiness or financial condition of the Reference Entity, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner. In making such determination, the Calculation Agent may take into account the guidance note set out in paragraph 3 (Interpretive Guidance) of the ISDA 2019 Narrowly Tailored Credit Event Supplement to the 2014 ISDA Credit Derivatives Definitions (published on July 15, 2019).".

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

### ANNEX A TO THE ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

#### AUCTION SETTLEMENT

Capitalized terms used but not defined in this summary have the meaning specified in the Rules and the Form of Auction Settlement Terms (as defined below or in Annex B to the Additional Terms and Conditions for Credit Securities). All times of day in this summary refer to such times in London.

##### **Publication of Credit Derivatives Auction Settlement Terms**

A Credit Derivatives Determinations Committee may determine that a Credit Event has occurred in respect of a Reference Entity (such entity, an "**Affected Reference Entity**") and that one or more auctions will be held in order to settle affected transactions referencing such Affected Reference Entity based upon a specified Auction Final Price determined in accordance with an auction procedure (each, an "**Auction**"). If an Auction is to be held, the Credit Derivatives Determinations Committee will publish Credit Derivatives Auction Settlement Terms in respect of the relevant Affected Reference Entity, based upon the Form of Auction Settlement Terms first published as Annex B to the 2009 ISDA Credit Derivatives Determinations Committees and Auction Settlement Supplement to the 2003 ISDA Credit Derivatives Definitions, published by the International Swaps and Derivatives Association, Inc. ("ISDA") on 12 March 2009 (the "**Form of Auction Settlement Terms**"). Holders should note that the Credit Derivatives Determinations Committees have the power to amend the form of Credit Derivatives Auction Settlement Terms for a particular auction and that this summary may therefore not be accurate in all cases. The following does not purport to be a complete summary and prospective investors must refer to the Form of Auction Settlement Terms for detailed information regarding the auction methodology set forth therein (the "**Auction Methodology**"). The Auction and the Auction Methodology apply to credit default swaps on the Reference Entity and do not apply specifically to the Credit Securities. A copy of the Form of Auction Settlement Terms may be inspected at the offices of the Issuer and is also currently available at [www.isda.org](http://www.isda.org) (or any successor website thereto). The Credit Derivatives Determinations Committee will additionally make several related determinations, including the date on which the Auction will be held (the "**Auction Date**"), the institutions that will act as participating bidders in the Auction (the "**Participating Bidders**") and the supplemental terms that are detailed in Schedule 1 to the Form of Auction Settlement Terms. The Credit Derivatives Determinations Committee may also amend the Form of Auction Settlement Terms for a particular auction and may determine that a public comment period is necessary in order to effect such an amendment if such amendment is not contemplated by the Rules.

##### **Auction Methodology**

###### *Determining the Auction Currency Rate*

On the Auction Currency Fixing Date, the Administrators will determine the rate of conversion (each, an "Auction Currency Rate") as between the Relevant Currency and the currency of denomination of each Deliverable Obligation (each, a "Relevant Pairing") by reference to a Currency Rate Source or, if such Currency Rate Source is unavailable, by seeking mid-market rates of conversion from Participating Bidders (determined by each such Participating Bidder in a commercially reasonable manner) for each such Relevant Pairing. If rates of conversion are sought from Participating Bidders and more than three such rates are obtained by the Administrators, the Auction Currency Rate will be the arithmetic mean of such rates, without regard to the rates having the highest and lowest values. If exactly three rates are obtained, the Auction Currency Rate will be the rate remaining after disregarding the rates having the highest and lowest values. For this purpose, if more than one rate has the same highest or lowest value, then one of such rates shall be disregarded. If fewer than three rates are obtained, it will be deemed that the Auction Currency Rate cannot be determined for such Relevant Pairing.

###### *Initial Bidding Period*



## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

During the Initial Bidding Period, Participating Bidders will submit to the Administrators: (a) Initial Market Bids; (b) Initial Market Offers; (c) Dealer Physical Settlement Requests; and (d) Customer Physical Settlement Requests (to the extent received from customers).

Initial Market Bids and Initial Market Offers are firm quotations, expressed as percentages, to enter into credit derivative transactions in respect of the Affected Reference Entity on terms equivalent to the Representative Auction-Settled Transaction.

The Initial Market Bid and Initial Market Offer submitted by each Participating Bidder must differ by no more than the designated Maximum Initial Market Bid-Offer Spread and must be an integral multiple of the Relevant Pricing Increment (each as determined by the Credit Derivatives Determinations Committee and specified in the Credit Derivatives Auction Settlement Terms in respect of the relevant Affected Reference Entity). The Initial Market Bid must be less than the Initial Market Offer.

Dealer Physical Settlement Requests and Customer Physical Settlement Requests are firm commitments, submitted by a Participating Bidder, on its own behalf or on behalf of a customer, as applicable, to enter into a Representative Auction-Settled Transaction, in each case, as seller (in which case, such commitment will be a "Physical Settlement Buy Request") or as buyer (in which case, such commitment will be a "Physical Settlement Sell Request"). Each Dealer Physical Settlement Request must be, to the best of such Participating Bidder's knowledge and belief, in the same direction as, and not in excess of, its Market Position. Each Customer Physical Settlement Request must be, to the best of the relevant customer's knowledge and belief (aggregated with all Customer Physical Settlement Requests submitted by such customer), in the same direction as, and not in excess of, its Market Position.

If the Administrators do not receive valid Initial Market Bids and Initial Market Offers from at least a minimum number of Participating Bidders (as determined by the Credit Derivatives Determinations Committee and specified in the Credit Derivatives Auction Settlement Terms in respect of the relevant Affected Reference Entity), the timeline will be adjusted and the Initial Bidding Period extended, with the Auction recommencing at such time(s) specified by the Administrators, otherwise it will proceed as follows.

### *Determination of Open Interest, Initial Market Midpoint and Adjustment Amounts*

The Administrators will calculate the Open Interest, the Initial Market Midpoint and any Adjustment Amounts in respect of the Auction.

The Open Interest is the difference between all Physical Settlement Sell Requests and all Physical Settlement Buy Requests.

To determine the Initial Market Midpoint, the Administrators will: (a) sort the Initial Market Bids in descending order and the Initial Market Offers in ascending order, identifying non-tradeable markets for which bids are lower than offers; (b) sort non-tradeable markets in terms of tightness of spread between Initial Market Bid and Initial Market Offer; and (c) identify that half of the non-tradeable markets with the tightest spreads. The Initial Market Midpoint is determined as the arithmetic mean of the Initial Market Bids and Initial Market Offers contained in the half of non-tradeable markets with the tightest spreads.

Any Participating Bidder whose Initial Market Bid or Initial Market Offer forms part of a tradeable market will be required to make a payment to ISDA on the third Business Day after the Auction Final Price Determination Date (an "**Adjustment Amount**"), calculated in accordance with the Auction Methodology. Any payments of Adjustment Amounts shall be used by ISDA to defray any costs related to any auction that ISDA has coordinated, or that ISDA will in the future coordinate, for purposes of settlement of credit derivative transactions.

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

If for any reason no single Initial Market Midpoint can be determined, the procedure set out above may be repeated.

At or prior to the Initial Bidding Information Publication Time on any day on which the Initial Bidding Period has successfully concluded, the Administrators publish the Open Interest, the Initial Market Midpoint and the details of any Adjustment Amounts in respect of the Auction.

If the Open Interest is zero, the Auction Final Price will be the Initial Market Midpoint.

### *Submission of Limit Order Submissions*

In the event that the Open Interest does not equal zero, a subsequent bidding period will be commenced during the Initial Bidding Period which: (a) if the Open Interest is an offer to sell Deliverable Obligations, Participating Bidders submit Limit Bids; or (b) if the Open Interest is a bid to purchase Deliverable Obligations, Limit Offers, in each case, on behalf of customers and for their own account.

### *Matching bids and offers*

If the Open Interest is a bid to purchase Deliverable Obligations, the Administrators will match the Open Interest against all Initial Market Offers and Limit Offers, as further described in the Auction Methodology. If the Open Interest is an offer to sell Deliverable Obligations, the Administrators will match the Open Interest against all Initial Market Bids and Limit Bids, as further described in the Auction Methodology.

### *Auction Final Price when the Open Interest is Filled*

The Auction Final Price will be the price associated with the matched Initial Market Bids and Limit Bids or Initial Market Offers and Limit Offers, as applicable, that is the highest offer or the lowest bid, as applicable, provided that: (a) if the Open Interest is an offer to sell and the price associated with the lowest matched bid exceeds the Initial Market Midpoint by more than the "Cap Amount" (being the percentage that is equal to one half of the Maximum Initial Market Bid-Offer Spread (rounded to the nearest Relevant Pricing Increment)), then the Auction Final Price will be the Initial Market Midpoint plus the Cap Amount; and (b) if the Open Interest is a bid to purchase and the Initial Market Midpoint exceeds the price associated with the highest offer by more than the Cap Amount, then the Auction Final Price will be the Initial Market Midpoint minus the Cap Amount.

### *Auction Final Price when the Open Interest is Not Filled*

If, once all the Initial Market Bids and Limit Bids or Initial Market Offers and Limit Offers, as applicable, have been matched to the Open Interest, part of the Open Interest remains, the Auction Final Price will be: (a) if the Open Interest is a bid to purchase Deliverable Obligations, the greater of (i) zero, and (ii) the highest Limit Offer or Initial Market Offer received; or (b) if the Open Interest is an offer to sell Deliverable Obligations, zero.

### *100 per cent. Cap to Auction Final Price*

In all cases, if the Auction Final Price determined pursuant to the Auction Methodology is greater than 100 per cent., then the Auction Final Price will be deemed to be 100 per cent.

### *Publication of Auction Final Price*

At or prior to the Subsequent Bidding Information Publication Time on any day on which the subsequent bidding period has successfully concluded, the Administrators will publish on their websites: (a) the Auction Final Price; (b) the names of the Participating Bidders who submitted bids, offers, valid Dealer Physical Settlement Requests and valid Customer Physical Settlement Requests, together with the details of all such bids and offers submitted by each; and (c) the details and size of all matched trades.

## **ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES**

### **Restructuring**

Following certain Restructuring credit events, more than one auction may be held and there may be more than one Auction Final Price and credit default swaps are grouped into buckets by maturity and depending on which party triggers the credit default swap. Deliverable obligations will be identified for each bucket (any deliverable obligations included in a shorter bucket will also be deliverable for all longer buckets). If the Credit Derivatives Determinations Committee determines to hold an auction for a particular bucket, then that auction will be held according to the existing auction methodology that has previously been used for Bankruptcy and Failure to Pay credit events as described in the summary below, except that the deliverable obligations will be limited to those falling within the relevant maturity bucket.

### **Execution of Trades Formed in the Auction**

Each Participating Bidder whose Limit Bid or Initial Market Bid (or Limit Offer or Initial Market Offer if applicable) is matched against the Open Interest, and each Participating Bidder that submitted a Customer Physical Settlement Request or Dealer Physical Settlement Request, is deemed to have entered into a Representative Auction-Settled Transaction, and each customer that submitted such a Limit Bid, Limit Offer, or Physical Settlement Request is deemed to have entered into a Representative Auction-Settled Transaction with the dealer through whom the customer submitted such bid or offer. Accordingly, each such Participating Bidder or customer that is a seller of Deliverable Obligations pursuant to a trade formed in the auction must deliver to the buyer to whom such Participating Bidder or customer has been matched a Notice of Physical Settlement indicating the Deliverable Obligations that it will deliver, and such Deliverable Obligations will be sold to the buyer in exchange for payment of the Auction Final Price.

### **Timing of Auction Settlement Provisions**

If an Auction is held in respect of an Affected Reference Entity, it is expected that the relevant Auction Date will occur on the third Business Day immediately prior to the 30th calendar day after which the relevant Credit Derivatives Determinations Committee received the request from an eligible market participant (endorsed by a member of the relevant Credit Derivatives Determinations Committee) to resolve whether a Credit Event has occurred with respect to such Reference Entity.

In respect of an Affected Reference Entity for which an Auction is held, the Auction Settlement Date will occur on a Business Day following the Auction Final Price Determination Date, as determined by the Credit Derivatives Determinations Committee and specified in the Credit Derivatives Auction Settlement Terms in respect of the relevant Affected Reference Entity.

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

### ANNEX B TO THE ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

#### CREDIT DERIVATIVES DETERMINATIONS COMMITTEES

In making certain determinations with respect to the Credit Securities, the Calculation Agent may but is not bound to follow or act in accordance with any determination of the relevant Credit Derivatives Determinations Committees. This Annex sets forth a summary of the Credit Derivatives Determinations Committees Rules, as published by ISDA and made available on the website of the Credit Derivatives Determinations Committees Rules at <https://www.cdsdeterminationscommittees.org> (or any successor website thereto) as of 28 September 2018 (the "Rules") and is subject to the rules as published by ISDA from time to time and as amended from time to time. This summary is not intended to be exhaustive and prospective investors should also read the Rules and reach their own views prior to making any investment decisions. A copy of the Rules published by ISDA is available at: <https://www.cdsdeterminationscommittees.org> (or any successor website thereto).

Capitalised terms used but not defined in this summary have the meaning specified in the Final Terms or the Rules, as applicable.

#### **Establishment of the Credit Derivatives Determinations Committees**

In accordance with the Rules, a Credit Derivatives Determinations Committee has been formed for each of the regions of (a) the Americas, (b) Asia Ex-Japan, (c) Australia-New Zealand, (d) Europe, Middle East and Africa and (e) Japan. As of the date hereof, the Calculation Agent (or one of its Affiliates) is a voting member on each of the Credit Derivatives Determinations Committees. See "Risk Factors – Risks Associated with Credit Derivatives Determinations Committees" for additional information regarding conflicts of interest. The Credit Derivatives Determinations Committees will act in accordance with the Rules and will make determinations that are relevant for Credit Derivative Transactions that incorporate, or are deemed to incorporate, the 2014 ISDA Credit Derivatives Definitions, as amended from time to time (the "**2014 Definitions**"). ISDA will serve as the secretary of each Credit Derivatives Determinations Committee and will perform administrative duties and make certain determinations as provided for under the Rules.

#### **Decision-making Process of the Credit Derivatives Determinations Committees**

Each DC Resolution by a Credit Derivatives Determinations Committee will apply to Credit Derivative Transactions that incorporate, or are deemed to incorporate, the 2014 Definitions or the Updated 2003 Definitions (depending on the applicable "Coverage Election" and subsequent determinations of the Credit Derivatives Determinations Committee) and for which the relevant provisions are not materially inconsistent with the provisions with respect to which the Credit Derivatives Determinations Committee bases its determination. As a result, determinations by the Credit Derivatives Determinations Committees are not applicable to the Holders, unless specified otherwise in the terms of the Credit Securities. The Credit Derivatives Determinations Committees shall have no ability to amend the terms of the Credit Securities. Furthermore, the institutions on the Credit Derivatives Determinations Committees owe no duty to the Holders. See "Risk Factors - Risks Associated with Credit Derivatives Determinations Committees" for further information. The terms of the Credit Securities provide that the Holders will be subject to certain determinations by the Credit Derivatives Determinations Committees. The Credit Derivatives Determinations Committees will be able to make determinations without action or knowledge by the Holders.

A Credit Derivatives Determinations Committee will be convened upon referral of (i) a question to ISDA by an identified eligible market participant and the agreement of at least one of the voting members of the relevant Credit Derivatives Determinations Committee to deliberate the question, or (ii) a question to ISDA by an unidentified eligible market participant and the agreement of at least two of the voting members of the relevant Credit Derivatives Determinations Committee to deliberate the question, or (iii) a question to ISDA by an eligible

## **ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES**

market participant which is an Eligible CCP (being an eligible clearing entity) and such question is not designated as a "General Interest Question" and relates to an eligible cleared Reference Entity with respect to such Eligible CCP and to certain specified matters such as a Credit Event, Potential Repudiation/Moratorium and/or Successor. ISDA will convene the Credit Derivatives Determinations Committee for the region to which the referred question relates, as determined in accordance with the Rules. Any party to a transaction that incorporates, or is deemed to incorporate, the 2014 Definitions or the Updated 2003 Definitions may refer a question to ISDA for a Credit Derivatives Determinations Committee to consider. Therefore, a binding determination may be made with respect to the Credit Securities without any action by the Holders. Holders (in their capacity as holders of the Credit Securities) will not be able to refer questions to the Credit Derivatives Determinations Committees.

Once a question is referred to a Credit Derivatives Determinations Committee, a DC Resolution may result quickly, as a binding vote usually must occur within two business days of the first meeting held with respect to such question unless the timeframe is extended by agreement of at least 80% of the voting members participating in a vote held in accordance with the Rules. In addition, voting members of the Credit Derivatives Determinations Committees are required to participate in each binding vote, subject only to limited abstention rights. Notices of questions referred to the Credit Derivatives Determinations Committees, meetings held to deliberate such questions, meeting statements and the results of binding votes will be published on the ISDA website and neither the Issuer, the Calculation Agent nor any of their respective Affiliates shall be obliged to inform the Holders of such information (other than as expressly provided in the Final Terms). Holders shall therefore be responsible for obtaining such information. See "Risk Factors – Risks Associated with Credit Derivatives Determinations Committees".

The Credit Derivatives Determinations Committees have the ability to make determinations that may materially affect the Holders. The Credit Derivatives Determinations Committees will be able to make a broad range of determinations in accordance with the Rules that may be relevant to the Credit Securities and materially affect the Holders. For each of the general types of questions discussed below, the Credit Derivatives Determinations Committees may determine component questions that arise under the 2014 Definitions or the Updated 2003 Definitions, or the Rules and that are related to the initial question referred. Since the terms governing the credit-linked elements of the Credit Securities are substantially similar to the 2014 Definitions or, as the case may be, the Updated 2003 Definitions, such determinations may affect the Holders, as further described below.

### **Credit Events**

The Credit Derivatives Determinations Committees will be able to determine whether a Credit Event has occurred and, if applicable, the date of such Credit Event. Related questions that are also within the scope of the Credit Derivatives Determinations Committees are whether a Potential Failure to Pay or a Potential Repudiation/Moratorium has occurred. In addition, the Credit Derivatives Determinations Committees will also determine, where necessary, whether the required Publicly Available Information has been provided. Each of these determinations, other than whether the required Publicly Available Information has been provided, requires the agreement of at least 80% of the voting members participating in a binding vote held in accordance with the Rules in order to avoid the referral of the question to the external review process, as described further below. The determination of whether the required Publicly Available Information has been provided requires the agreement of at least a majority of the voting members participating in a binding vote held in accordance with the Rules and is not eligible for external review. Each of these determinations may affect whether an Event Determination Date will occur under the Credit Securities. If the Credit Derivatives Determinations Committee Resolves that a Credit Event has occurred with respect to one of the Reference Entity(ies) on or after the Credit Event Backstop Date, then an Event Determination Date is deemed to have occurred in respect of the Credit Securities.

### **Successors**

## ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

The Credit Derivatives Determinations Committees will be able to determine whether there are any Successor or Successors to a Reference Entity and the relevant Succession Date. In addition, the Credit Derivatives Determinations Committees will also determine the identity of the Successor(s) in accordance with the Rules. For a Reference Entity that is not a Sovereign, the Credit Derivatives Determinations Committees will determine the Relevant Obligation(s) of the Reference Entity (including any adjustments required to be made if there is a Steps Plan), the proportion of the Relevant Obligation(s) to which each purported Successor succeeds and the Succession Date. For a Reference Entity that is a Sovereign, the Credit Derivatives Determinations Committees will determine the Relevant Obligation(s) of the Reference Entity (including any adjustments to be made if there is a Steps Plan), whether a Sovereign Succession Event has occurred, if so the proportion of the Relevant Obligation(s) to which each purported Successor succeeds, and the Succession Date. Each of these determinations requires the agreement of at least 80% of the voting members participating in a binding vote held in accordance with the Rules in order to avoid the referral of the question to the external review process, as described further below, except for the actual identification of the Successor(s) for a Reference Entity (which only requires a majority and is not eligible for external review). The Calculation Agent may use the relevant DC Resolutions of the Credit Derivatives Determinations Committees in order to determine Successor(s) to the Reference Entity(ies).

### Other Questions

The Credit Derivatives Determinations Committees will be able to determine whether circumstances have occurred that require a Substitute Reference Obligation to be identified and, if so, the appropriate Substitute Reference Obligation. The Credit Derivatives Determinations Committees may also make determinations in relation to (i) Standard Reference Obligations and if applicable replacement Standard Reference Obligations in accordance with the Standard Reference Obligation Rules and (ii) whether or not Asset Package Delivery is applicable pursuant to the 2014 Definitions and if so, any Asset Package relating to a Prior Deliverable Obligation or Package Observable Bond, as applicable. In addition, the Credit Derivatives Determinations Committees will be able to determine whether an entity that acts as seller of protection under one or more transactions (such entity, the "Relevant Seller") or a Reference Entity has consolidated or amalgamated with, or merged into, or transferred all or substantially all its assets to, the Reference Entity or the Relevant Seller, as applicable, or that the Relevant Seller and the Affected Reference Entity have become Affiliates. Each of these determinations requires the agreement of at least 80% of the voting members participating in a binding vote held in accordance with the Rules in order to avoid the referral of the question to the external review process, as described further below. The Calculation Agent may follow such DC Resolutions in making the equivalent determinations with respect to the Credit Securities.

The Credit Derivatives Determinations Committees will be able to determine other referred questions that are relevant to the credit derivatives market as a whole and are not merely a matter of bilateral dispute. Such questions require the agreement of at least 80% of the voting members participating in a binding vote held in accordance with the Rules for each Credit Derivatives Determinations Committee implicated by the relevant question, as determined in accordance with the Rules, in order to avoid the possible referral of the question to the external review process, as described further below. Furthermore, the question relating to such DC Resolution may also be referred to the external review process if at least a majority of the voting members participating in a binding vote held in accordance with the Rules agree. Any guidance given by the Credit Derivatives Determinations Committees with respect to questions of interpretation of the 2014 Definitions or, as the case may be, the Updated 2003 Definitions are likely to influence the Calculation Agent in interpreting equivalent provisions under the Credit Securities.

Any such question can be submitted to the Credit Derivatives Determinations Committees by an unidentified eligible market participant for deliberation. The relevant Credit Derivatives Determinations Committee(s) will deliberate such question upon the agreement of at least two of the voting members of the relevant Credit Derivatives Determinations Committee to deliberate the question. Once the deliberations on such question have

## **ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES**

commenced, the relevant Credit Derivatives Determinations Committee will proceed in accordance with the procedures described above with respect to the relevant question category, except that the identity of the eligible market participant who submitted the question will not be revealed to the members of the Credit Derivatives Determinations Committees or the general public.

### **External Review**

As described immediately above, certain questions deliberated by the Credit Derivatives Determinations Committees are subject to an external review process if the required threshold is not met during the binding vote held with respect to such question. For such questions, if at least 80% of the voting members participating in a binding vote held in accordance with the Rules fail to agree, the question will be automatically referred to the external review process. Questions that are not eligible for external review often require only a simple majority of participating voting members to agree in order to reach a DC Resolution.

Questions referred to external review will be considered by a panel of three independent individuals who will be selected by either the relevant Credit Derivatives Determinations Committee or by ISDA at random. The default duration of the external review process (which can be modified by the relevant Credit Derivatives Determinations Committee in accordance with the Rules) is twelve business days from the referral of the question and contemplates the receipt of both written submissions and oral argument. Any member of ISDA may provide written submissions to the external reviewers, which will be made available to the public on the ISDA website, and the conclusion reached in accordance with the external review process will be binding on the Holders. In instances where the vote of the relevant Credit Derivatives Determinations Committee was less than or equal to 60%, the decision of a majority of the external reviewers will be determinative. However, in instances where the vote of the relevant Credit Derivatives Determinations Committee was between 60% and 80%, all three external reviewers must agree in order to overturn the vote of the Credit Derivatives Determinations Committee.

Holders should be aware that the external reviewers may not consider new information that was not available to the relevant Credit Derivatives Determinations Committee at or prior to the time of the binding vote and questions may be returned to the Credit Derivatives Determinations Committee for another vote if new information becomes available. In addition, if the external reviewers fail to arrive at a decision for any reason, the entire process will be repeated. As a result, the external review process may be elongated in certain situations, leaving questions that may materially affect the Holders unresolved for a period of time.

### **The Composition of the Credit Derivatives Determinations Committees**

Each Credit Derivatives Determinations Committee is composed of fifteen voting members and three non-voting consultative members. Ten of the voting members are dealer institutions, with eight serving across all regions and two potentially varying by region. The other five voting members are non-dealer institutions that serve across all regions. The three non-voting consultative members consist of one dealer institution and one non-dealer institution that serve across all regions and one dealer institution that could potentially vary by region. For the first composition of the Credit Derivatives Determinations Committees only, an additional non-voting dealer institution has been selected to serve across all regions.

Holders will have no role in the composition of the Credit Derivatives Determinations Committees. Separate criteria applies with respect to the selection of dealer and non-dealer institutions to serve on the Credit Derivatives Determinations Committees and the Holders will have no role in establishing such criteria. In addition, the composition of the Credit Derivatives Determinations Committees will change from time to time in accordance with the Rules, as the term of an institution may expire or an institution may be required to be replaced. The Holders will have no control over the process for selecting institutions to participate on the Credit Derivatives Determinations Committees and, to the extent provided for in the Credit Securities, will be subject to the determinations made by such selected institutions in accordance with the Rules.

## **ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES**

### **Ability of the Calculation Agent or its Affiliates to influence the Credit Derivatives Determinations Committees**

As of the date hereof, the Calculation Agent (or one of its Affiliates) is a voting member on each of the Credit Derivatives Determinations Committees. In such capacity, it may take certain actions that may influence the process and outcome of decisions of the Credit Derivatives Determinations Committees, including (without limitation): (a) agreeing to deliberate a question referred to ISDA, (b) voting on the resolution of any question being deliberated by a Credit Derivatives Determinations Committee and (c) advocating a certain position during the external review process. In addition, as a party to transactions which incorporate, or are deemed to incorporate, the 2014 Definitions or the Updated 2003 Definitions, the Calculation Agent may refer a question to ISDA for a Credit Derivatives Determinations Committee to deliberate. In deciding whether to take any such action, the Calculation Agent (or its Affiliate) shall be under no obligation to consider the interests of any Holder. See "Potential conflicts of interest of the Calculation Agent" below for additional information.

### **Potential Conflicts of interest of the Calculation Agent**

Since, as of the date hereof, the Calculation Agent (or one of its Affiliates) is a voting member on each of the Credit Derivatives Determinations Committees and is a party to transactions which incorporate, or are deemed to incorporate, the 2014 Definitions or the Updated 2003 Definitions, it may take certain actions which may influence the process and outcome of decisions of the Credit Derivatives Determinations Committees. See "Ability of the Calculation Agent or its Affiliates to influence the Credit Derivatives Determinations Committees" above for additional information. Such action may be adverse to the interests of the Holders and may result in an economic benefit accruing to the Calculation Agent. In taking any action relating to the Credit Derivatives Determinations Committees or performing any duty under the Rules, the Calculation Agent shall have no obligation to consider the interests of the Holders and may ignore any conflict of interest arising due to its responsibilities under the Credit Securities.

Holders will have no recourse against either the institutions serving on the Credit Derivatives Determinations Committees or the external reviewers. Institutions serving on the Credit Derivatives Determinations Committees and the external reviewers, among others, disclaim any duty of care or liability arising in connection with the performance of duties or the provision of advice under the Rules, except in the case of gross negligence, fraud or wilful misconduct. Furthermore, the institutions on the Credit Derivatives Determinations Committees do not owe any duty to the Holders and the Holders will be prevented from pursuing claims with respect to actions taken by such institutions under the Rules.

Holders should also be aware that institutions serving on the Credit Derivatives Determinations Committees have no duty to research or verify the veracity of information on which a specific determination is based. In addition, the Credit Derivatives Determinations Committees are not obligated to follow previous determinations and, therefore, could reach a conflicting determination for a similar set of facts.

Holders shall be responsible for obtaining information relating to deliberations of the Credit Derivatives Determinations Committees. Notices of questions referred to the Credit Derivatives Determinations Committees, meetings held to deliberate such questions and the results of binding votes will be published on the ISDA website and neither the Issuer, the Calculation Agent nor any of their respective Affiliates shall be obliged to inform the Holders of such information (other than as expressly provided in the Final Terms). Failure by the Holders to be aware of information relating to deliberations of a Credit Derivatives Determinations Committee will have no effect under the Final Terms and Holders are solely responsible for obtaining any such information.

### **Amendments to the Rules**

The Rules may be amended from time to time without the consent or input of the Holders and the powers of the Credit Derivatives Determinations Committees may be expanded or modified as a result.



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

### ANNEX 13

#### ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

#### CONTENTS

<b>Part A .....</b>	<b>925</b>
1. Definitions .....	925
2. General.....	933
3. Status of the Secured Securities, Security and Guarantee .....	934
4. Guarantee .....	941
5. Determinations and Modifications .....	942
6. Events of Default and Enforcement .....	943
7. Additional Disruption Events.....	945
8. Collateral Security Credit Certificates .....	949
9. [This section is intentionally left blank].....	956
10. Redemption .....	956
11. Payments .....	959
12. Recognition of Bail-in and Loss Absorption .....	964
<b>Part B .....</b>	<b>965</b>
1. Definitions .....	965
2. General.....	971
3. Status of the Secured Securities, Security and Guarantee .....	971
4. Guarantee .....	977
5. Collateral Calculation Agent.....	977
6. Events of Default and Enforcement .....	978
7. Additional Disruption Events.....	980
8. Collateral Security Credit Certificates .....	982
9. Collateral Asset Linked Securities .....	989
10. [This section is intentionally left blank].....	997
11. Redemption .....	997
12. Payments .....	1000
13. Recognition of Bail-in and Loss Absorption .....	1004
<b>Part C .....</b>	<b>1005</b>
1. Definitions and Interpretation .....	1005
2. General.....	1049
3. Status of the Secured Securities, Security and Guarantee .....	1050
4. Guarantee .....	1058
5. Early Redemption .....	1059
6. Interest .....	1073
7. Events of Default and Enforcement .....	1074
8. Redemption .....	1080
9. Payments .....	1083
10. Removal, Indemnification and Liability of the Security Trustee .....	1088
11. Residual Shortfall.....	1088
12. Further Issues .....	1089
13. Recognition of Bail-in and Loss Absorption .....	1090
<b>Part D .....</b>	<b>1091</b>
1. Definitions and Interpretation .....	1091
2. General.....	1135
3. Status of the Secured Securities, Security and Guarantee .....	1136
4. Guarantee .....	1145
5. Early Redemption .....	1145

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

6.	Interest .....	1159
7.	Events of Default and Enforcement .....	1160
8.	Redemption .....	1166
9.	Payments .....	1169
10.	Removal, Indemnification and Liability of the French Collateral Security Agent.....	1170
11.	Residual Shortfall.....	1171
12.	Further Issues .....	1172
13.	Recognition of Bail-in and Loss Absorption .....	1172

If specified as applicable in the applicable Final Terms, the terms and conditions applicable to Securities specified in the applicable Final Terms as Secured Securities shall comprise the terms and conditions of Securities (the "**Security Conditions**") and the additional Terms and Conditions for Secured Securities set out below (the "**Collateral Security Conditions**"), together with any other additional terms and conditions specified in the applicable Final Terms and subject to completion in the applicable Final Terms. In the event of any inconsistency between (i) the Security Conditions and (ii) the Collateral Security Conditions, the Collateral Security Conditions shall prevail.

### Part A

The provisions of this Part A apply in relation to Secured Securities unless the Final Terms of such Secured Securities specify that Part B of this Annex 13 shall apply, Part C of this Annex 13 shall apply or Part D of this Annex 13 shall apply. Where this Part A applies, for the avoidance of doubt, the terms of Part B of Annex 13, Part C of Annex 13 and Part D of Annex 13 shall not apply to the Securities.

#### 1. Definitions

**"Additional Security Document"** means any security document which is entered into by the Issuer in respect of a Collateral Pool in addition to a Pledge Agreement;

**"Aggregate Cash Settled Final Security Value"** means, in respect of a Collateral Pool, the sum of the Aggregate Final Security Values of each series of Secured Securities secured by such Collateral Pool to which Collateral Cash Settlement is applicable;

**"Aggregate Collateral Proceeds Share"** means, in respect of a series of Secured Securities, the product of the Collateral Percentage applicable to such series of Secured Securities and the Realisation Amount in respect of the Collateral Pool which secures such series of Secured Securities;

**"Aggregate Delivery Share"** means, in respect of a series of Secured Securities, the product of the Collateral Percentage applicable to such series of Secured Securities and the Collateral Assets Value in respect of the Collateral Pool which secures such series of Secured Securities;

**"Aggregate Final Security Value"** means, in respect of a series of Securities, the aggregate of the Final Security Values of each Secured Security in such series of Secured Securities;

**"Aggregate Physically Settled Final Security Value"** means, in respect of a Collateral Pool, the Aggregate Final Security Values of each series of Secured Securities secured by such Collateral Pool to which Physical Delivery of Collateral is applicable;

**"Alternative Collateral Value"** has the meaning given to it in Collateral Security Condition 5.2;

**"Alternative Security Document"** means any security document which is entered into by the Issuer in respect of a Collateral Pool as an alternative to a Pledge Agreement;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"BNPP Holding"** means, at any time, in respect of a series of Secured Securities, the number of Secured Securities held by the Issuer and/or any Affiliate(s) of the Issuer;

**"Cash Collateral Value"** has the meaning given to it in Collateral Security Condition 3.2;

**"Cash Portion Percentage"** means in respect of a Collateral Pool, the amount (expressed as a percentage) equal to the Aggregate Cash Settled Final Security Value applicable to such Collateral Pool divided by Pool Aggregate Final Security Value;

**"Cash Settled Portion"** means an amount equal to the product of the Cash Portion Percentage and the Collateral Assets Value;

**"Cash Settled Portion Assets"** means Collateral Assets in a nominal amount equal to the Cash Settled Portion (where Nominal Value Collateralisation or Partial Nominal Value Collateralisation is applicable) or with a marked to market value equal to the Cash Settled Portion (where MTM Collateralisation or Partial MTM Collateralisation is applicable);

**"Collateral Account"** has the meaning given to it in Collateral Security Condition 3.2;

**"Collateral Agent"** means BNP Paribas Trust Corporation UK Limited, or such other entity as is specified in the applicable Final Terms, and, if applicable, any sub-agent of, or any other entity appointed by the Collateral Agent;

**"Collateral Asset Default Determination Date"** means the date on which it is determined by the Calculation Agent that a Collateral Asset Default or Collateral Asset Issuer Default, as the case may be, has occurred for the purposes of Collateral Security Condition 7.2;

**"Collateral Asset Issuer"** means the issuer of, and/or obligor in respect of, any relevant Collateral Assets;

**"Collateral Assets"** means any Eligible Collateral specified in the applicable Final Terms (if any) and any Eligible Collateral delivered to the Collateral Custodian as additional or alternative Collateral Assets, together with, in each case, any accrued interest, redemption proceeds, income or other assets derived from such Eligible Collateral to the extent held in the relevant Collateral Account but shall not include any Collateral Assets which have been withdrawn from a Collateral Account in accordance with the relevant Pledge Agreement and the Agency Agreement;

**"Collateral Assets Value"** means, in respect of a Collateral Pool, (i) an amount equal to the aggregate nominal amount of Collateral Assets held by the Issuer in the Collateral Account in respect of such Collateral Pool where Nominal Value Collateralisation and/or Partial Nominal Value Collateralisation are applicable to each series of Secured Securities secured by the relevant Collateral Pool or (ii) an amount equal to the aggregate marked to market value (expressed as an amount) (as determined by the Collateral Agent) of the Collateral Assets held by the Issuer in the Collateral Account in respect of such Collateral Pool, where MTM Collateralisation and/or Partial MTM Collateralisation are applicable to each series of the Secured Securities secured by the relevant Collateral Pool;

**"Collateral Calculation Agent"** means BNP Paribas Arbitrage S.N.C. or such other entity specified in the applicable Final Terms;

**"Collateral Cash Settlement"** means, following the occurrence of an Enforcement Event, realisation of all or certain of the Collateral Assets is to take place in accordance with Collateral Security Condition 3.3 and Collateral Cash Settlement shall apply to each series of Secured Securities where the Final Terms provide that it shall apply;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Collateral Custodian"** means (a) BNP Paribas Securities Services, Luxembourg Branch (or, from and including the Merger Date, BNP Paribas, Succursale de Luxembourg), (b) where a Triparty Agent has been appointed which is The Bank of New York Mellon SA/NV, The Bank of New York Mellon SA/NV and/or (c) such other entity as is specified in the applicable Final Terms, and, if applicable, any sub-custodian of, or any other entity appointed by the Collateral Custodian;

**"Collateral Delivery Date"** means, in respect of a Collateral Pool, the date scheduled by the Collateral Agent to be the date on which the Collateral Agent intends to deliver the Collateral Assets in such Collateral Pool to Holders in accordance with Collateral Security Condition 3.6;

**"Collateral Delivery Rounding Amount"** has the meaning given to it in Collateral Security Condition 3.6;

**"Collateral Early Settlement Amount"** has the meaning given to it in Collateral Security Condition 7.3;

**"Collateral Enforcement Proceeds"** means the proceeds of realisation of, or enforcement with respect to, the Collateral Assets in a Collateral Pool;

**"Collateral Percentage"** means, in respect of a series of Secured Securities, the amount (expressed as a percentage) equal to the Aggregate Final Security Value applicable to such series of Secured Securities divided by the Pool Aggregate Final Security Value applicable to the Collateral Pool which secures such series of Secured Securities;

**"Collateral Pool"** means a pool of Collateral Assets (including a cash deposit) held in a Collateral Account which secure one or more series of Secured Securities as specified in the applicable Final Terms;

**"Collateral Proceeds Share"** means, in respect of a series of Secured Securities, the *pro rata* share of a Secured Security within such series in the Aggregate Collateral Proceeds Share applicable to such series of Secured Securities;

**"Collateral Settlement Disruption Event"** means due to an event beyond the control of the Collateral Agent, the Collateral Agent determines it is impossible or illegal for the Collateral Agent to deliver the relevant Entitlement to a Holder on the related Collateral Delivery Date due to failure of the relevant clearance system or due to any law, regulation, court order or market conditions;

**"Collateral Security Credit Certificate"** means a Certificate in respect of which the Final Terms specify that Collateral Security Condition 8 will apply;

**"Collateral Split Rounding Amount"** has the meaning given to it in Collateral Security Condition 3.8;

**"Collateral Valuation Date"** means a date on which the Collateral Calculation Agent (or, where a Triparty Agent has been appointed, subject to Collateral Security Condition 5.2, the Triparty Agent) determines the marked to market value of the Collateral Assets in the relevant Collateral Pool and, if MTM Collateralisation or Partial MTM Collateralisation is specified in the applicable Final Terms, the Collateral Calculation Agent determines the marked to market value of the relevant Secured Securities, on such periodic basis as is specified in the applicable Final Terms;

**"Collateral Value"** means the Cash Collateral Value or the Securities Collateral Value, as the case may be;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Collective Investment Scheme"** means any scheme or arrangement made or offered by any company, under which the contributions or payments made by investors are pooled and utilised with a view to receiving profits, income, property or other benefit and managed on behalf of investors;

**"Corrected Collateral Value"** has the meaning given to it in Collateral Security Condition 5.2;

**"Delivery Share"** means, in respect of a series of Secured Securities, the pro rata share of a Secured Security within such series in the Aggregate Delivery Share applicable to such series of Secured Securities;

**"Default Notification"** means the delivery of a written notice by a Holder to each of the Issuer, the Principal Security Agent, the Collateral Agent, the Swap Counterparty (if any) and the Repo Counterparty (if any) specifying that an Event of Default has occurred in accordance with Collateral Security Condition 6.1;

**"Dispute Period"** means the period commencing on the day on which the Collateral Agent receives a Default Notification and ending at 5:00 pm (Paris time) on the fifth Business Day following such receipt;

**"Eligible Collateral"** means (i) assets which are one or more of the types of asset which are listed in the Eligible Collateral Annex to this Annex and which are specified in the applicable Final Terms to be Eligible Collateral for the relevant Collateral Pool and (ii) any Fallback Collateral (if applicable);

**"Enforcement Event"** means the delivery of an Enforcement Notice by the Collateral Agent to each of the Issuer, the Principal Security Agent, the Collateral Custodian, the Triparty Agent (if any), the Swap Counterparty (if any) and Repo Counterparty (if any);

**"Enforcement Expenses"** means all amounts due to the Collateral Agent and/or any appointee or agent thereof, including any costs, expenses and taxes incurred in connection with the realisation of, or enforcement with respect to the Collateral Assets in a Collateral Pool and distribution of such proceeds and/or, where applicable, delivery of Collateral Assets to the Holders of the related Secured Securities and any other unpaid amounts payable to the Collateral Agent by the Issuer under the Agency Agreement;

**"Enforcement Notice"** means a notice specifying that a Default Notification has been received from a Holder and no Event Dispute Notice has been received from the Issuer within the Dispute Period with respect to such Default Notification and that, as a result, the Secured Securities are immediately due and payable;

**"Event Dispute Notice"** means a notice from the Issuer to the Collateral Agent following receipt of a Default Notification specifying that the Issuer reasonably believes that the Event(s) of Default which are the subject of such Default Notification have not occurred, together with reasonable evidence supporting the Issuer's belief (including a description in reasonable detail of the facts relevant to the determination that an Event of Default has not occurred);

**"Fallback Collateral"** means, with respect to a Fallback Determination Date, assets which are one or more of the types of asset which are listed in the Eligible Collateral Annex to this Annex and which are specified in the applicable Final Terms as being Fallback Collateral, provided that on the relevant Fallback Determination Date, the Fallback Condition applies. In addition to the foregoing, any assets which constituted Fallback Collateral on an applicable Fallback Determination Date shall, for so long as such assets are held by the Issuer in the relevant Collateral Account relating to the relevant Collateral Pool, constitute Fallback Collateral;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Fallback Condition"** means that on the Fallback Determination Date the Issuer (having used commercially reasonable efforts) is unable to obtain sufficient Eligible Collateral to satisfy in whole or in part its obligation to deliver Eligible Collateral (which is not Fallback Collateral) to the Collateral Account (i) where it is required to do so or (ii) where it has elected to substitute Collateral Assets in the Collateral Account, in each case in accordance with the Collateral Security Conditions;

**"Fallback Determination Date"** means any day on which the Issuer (i) is required to transfer Eligible Collateral to the Collateral Account or (ii) elects to substitute Collateral Assets in the Collateral Account, in each case in accordance with the Collateral Security Conditions;

**"Final Security Value"** means, in respect of a Secured Security (and in each case expressed as an amount) (a) if MTM Collateralisation is specified as applicable in the Final Terms relating thereto, the marked to market value of the relevant Secured Security, as determined for the purposes of Collateral Security Condition 3.2 as at the Collateral Valuation Date for the relevant Collateral Pool immediately prior to the occurrence of the Enforcement Event, (b) if Partial MTM Collateralisation is specified as applicable in the Final Terms relating thereto, the product of (i) the marked to market value of the relevant Secured Security, as determined for the purposes of Collateral Security Condition 3.2 as at the Collateral Valuation Date for the relevant Collateral Pool immediately prior to the occurrence of the Enforcement Event and (ii) the Partial Collateralisation Level applicable to the relevant series of Secured Securities, (c) if Nominal Value Collateralisation is specified as applicable in the Final Terms relating thereto, the relevant Secured Security's nominal value or (d) if Partial Nominal Value Collateralisation is specified as applicable in the applicable Final Terms relating thereto, the product of (i) the nominal value of such Secured Security and (ii) the Partial Collateralisation Level applicable to the relevant series of Secured Securities;

**"Haircut"** means a percentage by which the market value of a Collateral Asset is discounted to mitigate possible depreciation in the value of the relevant Collateral Asset in the period between the last valuation of such Collateral Asset and the realisation of such Collateral Asset.

**"Hedge Transaction"** means any transaction or trading position entered into or held by the Issuer and/or any of its Affiliates (including, without limitation, any purchase, sale, entry into or maintenance of one or more (a) positions or contracts in securities, options, futures, derivatives or foreign exchange, (b) stock loan transactions or (c) other instruments or arrangements (howsoever described) by a party) to hedge, directly or indirectly, individually or on a portfolio basis, the Issuer's obligations or positions (whether in whole or in part) in respect of the Secured Securities.

**"Holder Priority of Payments"** means the Collateral Enforcement Proceeds shall be used by the Collateral Agent to make payments in the following order of priority (in each case only if and to the extent that payments of a higher priority have been made in full):

- (a) first, to pay any Enforcement Expenses to the Collateral Agent and/or any appointee or agent thereof;
- (b) secondly, to pay the aggregate Security Termination Amounts due in respect of the relevant Secured Securities; and
- (c) thirdly, to pay the balance (if any) to the Issuer.

**"Issuer"** means BNPP B.V.;

**"MTM Value"** means, in respect of a Secured Security, the marked to market value (expressed as an amount) of such Secured Security (taking into account all factors which the Collateral Agent determines

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

relevant) immediately prior to the occurrence of an Enforcement Event, provided that no account shall be taken of the financial condition of (i) the Issuer which shall be deemed to be able to perform fully its obligations in respect of the Secured Securities or (ii) the Guarantor which shall be deemed to be able to perform fully its obligations in respect of the Guarantee and provided further that where the relevant Secured Security is one to which Cash Settlement is applicable and is a Secured Security in respect of which the Relevant Settlement Date is due to occur on or prior to the date on which the Enforcement Event occurred, the marked to market value of the Secured Security, for the purpose of determining such amount, may not be less than the Relevant Settlement Amount payable in respect thereof;

**"nominal value"** means, in respect of any Secured Security the Notional Amount of such Secured Security;

**"Option"** means the option entered into by the Issuer with an Affiliate of BNP Paribas in order to hedge the Issuer's obligations to pay in respect of the relevant Secured Securities a Cash Settlement Amount which may be equal to, less or greater than the Issue Price or which is payable in a Settlement Currency other than that in which the Certificates are denominated;

**"Option Value Amount"** means, subject to a minimum of zero, an amount in the Settlement Currency equal to each Placed Secured Securities' *pro rata* share of an amount equal to the marked to market value, on the Collateral Asset Default Determination Date, of the Option, as determined by the Calculation Agent;

**"Partial Collateralisation Level"** means the percentage specified as such in the applicable Final Terms;

**"Partial Nominal Amount"** means, in respect of a Secured Security, the product of (i) the nominal value of such Secured Security and (ii) the Partial Collateralisation Level applicable to the relevant series of Secured Securities;

**"Physical Delivery of Collateral"** means, following the occurrence of an Enforcement Event, Collateral Assets are to be delivered to the Holders of Secured Securities in accordance with Collateral Security Condition 3.6 and shall only apply to a series of Secured Securities where "Physical Delivery of Collateral" is specified as applicable in the applicable Final Terms;

**"Physical Portion Assets"** means Collateral Assets in a nominal amount equal to the Physically Settled Portion (where Nominal Value Collateralisation or Partial Nominal Value Collateralisation is applicable) or with a marked to market value equal to the Physically Settled Portion (where MTM Collateralisation or Partial MTM Collateralisation is applicable);

**"Physical Portion Percentage"** means, in respect of a Collateral Pool, the amount expressed as a percentage, equal to the Aggregate Physically Settled Final Security Value applicable to such Collateral Pool divided by the Pool Aggregate Final Security Value;

**"Physically Settled Portion"** means an amount equal to the product of the Physical Portion Percentage and the Collateral Asset Value;

**"Placed Secured Securities"** means, at any time, the number of Secured Securities outstanding less the number of any Secured Securities which form part of the BNPP Holding at such time;

**"Pledge"** means the Security Interests created, or intended to be created at any time in favour of the Collateral Agent on behalf of the relevant Holders under the Pledge Agreement or Alternative Security Document relating to a Collateral Pool;

**"Pledge Agreement"** is as defined in Collateral Security Condition 3.2;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Pool Aggregate Final Security Value"** means, in respect of a Collateral Pool, the aggregate of the Final Security Values of each Secured Security which is secured by such Collateral Pool;

**"Priority of Payments"** means, in respect of a series of Secured Securities to which Physical Delivery does not apply, Holder Priority of Payments, Swap Counterparty Priority of Payments, Repo Counterparty Priority of Payments, Unwind Priority of Payments as specified in the applicable Final Terms, being the order of priority in which payments will be made using the Collateral Enforcement Proceeds in respect of such series of Secured Securities;

**"Realisation Amount"** means the net proceeds of realisation of, or enforcement with respect to, the Collateral Assets in a Collateral Pool following payment of any amount which is payable in priority to amounts due in respect of the Secured Securities which are secured by such Collateral Pool in accordance with the applicable Priority of Payments;

**"Relevant Settlement Amount"** means Cash Settlement Amount, Optional Redemption Amount, Collateral Early Settlement Amount or the relevant redemption amount payable under the Credit Securities, as the case may be;

**"Relevant Settlement Date"** means Cash Settlement Date, Optional Redemption Date or Settlement Date, as the case may be;

**"Repayable Assets"** has the meaning given to it in Collateral Security Condition 7.2;

**"Repo Counterparty"** means the entity specified as such in the applicable Final Terms;

**"Repo Counterparty Priority of Payments"** means the Collateral Enforcement Proceeds shall be used by the Collateral Agent to make payments in the following order of priority (in each case only if and to the extent that payments of a higher priority have been made in full):

- (a) first, to pay any payment due to the Repo Counterparty under the Repurchase Agreement;
- (b) secondly, to pay any Enforcement Expenses to the Collateral Agent and/or any appointee or agent thereof;
- (c) thirdly, to pay to the Repo Counterparty any other amounts due thereto under the Repurchase Agreement which are not paid under paragraph (a) above;
- (d) fourthly, to pay to the Swap Counterparty any payments due under the Swap Agreement (if any);
- (e) fifthly, to pay the aggregate Security Termination Amounts due in respect of the relevant Secured Securities; and
- (f) sixthly, to pay the balance (if any) to the Issuer.

**"Repurchase Agreement"** means the repurchase agreement entered into by the Issuer with the relevant Repo Counterparty in respect of the Secured Securities;

**"Rounding Amount"** means the aggregate of the Collateral Delivery Rounding Amount and the Collateral Split Rounding Amount payable to a Holder in respect of a Secured Security;

**"Securities Collateral Value"** has the meaning given to it in (a) Collateral Security Condition 3.2(a)(i) where no Triparty Agent has been appointed in respect of the relevant Collateral Pool or (b) Collateral



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Security Condition 3.2(a)(ii) where a Triparty Agent has been appointed in respect of the relevant Collateral Pool;

**"Securities Value"** means an amount equal to the sum of, in respect of each series of Secured Securities secured by the same Collateral Pool, (i) the marked to market value of the Secured Securities where MTM Collateralisation is specified in the applicable Final Terms as applicable to such series of Secured Securities, (ii) the product of (A) the marked to market value of the Secured Securities and (B) the relevant Partial Collateralisation Level where Partial MTM Collateralisation is specified in the applicable Final Terms as applicable to such series of Secured Securities, (iii) the aggregate nominal value of the Secured Securities if such Secured Securities are Certificates and where Nominal Value Collateralisation is specified in the applicable Final Terms as applicable to such series of Secured Securities or (iv) the product of (A) the aggregate nominal value of the Secured Securities and (B) the relevant Partial Collateralisation Level if such Secured Securities are Certificates and where Partial Nominal Value Collateralisation is specified in the applicable Final Terms as applicable to such series of Secured Securities, provided that any Secured Securities which are, on the relevant Collateral Valuation Date, beneficially owned by BNPP B.V. or any of its Affiliates shall be disregarded as if they did not exist for the purposes of determining such amount;

**"Security Interests"** means any pledge, other encumbrance or security interest created under a Pledge Agreement;

**"Security Realised Amount"** is as defined in Collateral Security Condition 3.5;

**"Security Termination Amount"** means, in respect of a Secured Security, an amount determined by the Collateral Agent equal to:

- (a) if Security Value Termination Amount is specified in the applicable Final Terms, the MTM Value of such Secured Security;
- (b) if Security Value Realisation Proceeds is specified in the applicable Final Terms, such Secured Security's *pro rata* share of the Realisation Amount subject to a maximum amount equal to the MTM Value of such Secured Security;
- (c) if Nominal Value Realisation Proceeds is specified in the applicable Final Terms and such Secured Security is a Certificate, the Secured Security's *pro rata* share of the Realisation Amount subject to a maximum amount equal to the nominal value of such Secured Security;
- (d) if Partial Nominal Value Realisation Proceeds is specified in the applicable Final Terms and such Secured Security is a Certificate, the Secured Security's *pro rata* share of the Realisation Amount subject to a maximum amount equal to the product of (i) the nominal value of such Secured Security and (ii) the Partial Collateralisation Level applicable to the relevant series of Secured Securities;
- (e) if Nominal Value Amount is specified in the applicable Final Terms and such Secured Security is a Certificate, the nominal value of such Secured Security;
- (f) if Shortfall Value Amount is specified in the applicable Final Terms and such Secured Security is a Certificate, the sum of (i) the lower of (A) such Secured Security's *pro rata* share of the Realisation Amount and (B) the product of (I) the nominal value of such Secured Security and (II) the Partial Collateralisation Level applicable to the relevant series of Secured Securities and (ii) an amount, subject to a minimum of zero, equal to the MTM Value of such Secured Security less the Partial Nominal Amount; or

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

(g) the amount specified as such in the Final Terms applicable to such Secured Security;

**"Shortfall"** is as defined in Collateral Security Condition 3.5;

**"Swap Agreement"** means the swap agreement entered into by the Issuer with the relevant Swap Counterparty in respect of the Secured Securities;

**"Swap Counterparty"** means the entity specified as such in the applicable Final Terms;

**"Swap Counterparty Priority of Payments"** means the Collateral Enforcement Proceeds shall be used by the Collateral Agent to make payments in the following order of priority (in each case only if and to the extent that payments of a higher priority have been made in full):

- (i) first, to pay any Enforcement Expenses to the Collateral Agent and/or any appointee or agent thereof;
- (ii) secondly, to pay to the Swap Counterparty any payments due under the Swap Agreement;
- (iii) thirdly, to pay the aggregate Security Termination Amounts due in respect of the relevant Secured Securities; and
- (iv) fourthly, to pay the balance (if any) to the Issuer;

**"Triparty Agent"** means The Bank of New York Mellon SA/NV and/or such other entity as is specified in the applicable Final Terms;

**"Undeliverable Collateral Assets"** means Collateral Assets which the Collateral Agent is unable to deliver in accordance with Collateral Security Condition 3.6 due to the occurrence of a Collateral Settlement Disruption Event;

**"Unwind Costs"** means an amount, subject to a minimum of zero, determined by the Calculation Agent equal to the sum of (without duplication) all costs, expenses (including loss of funding), tax and duties incurred by the Issuer in connection with the redemption, settlement, cancellation and/or termination of the Secured Securities and the related termination, settlement or re-establishment of any Hedge Transaction; and

**"Unwind Priority of Payments"** means the Collateral Enforcement Proceeds shall be used by the Collateral Agent to make payments in the following order of priority (in each case only if and to the extent that payments of a higher priority have been made in full):

- (i) first, to pay any Enforcement Expenses to the Collateral Agent and/or any appointee or agent thereof;
- (ii) secondly, to pay any Unwind Costs;
- (iii) thirdly, to pay the aggregate Security Termination Amounts due in respect of the relevant Secured Securities; and
- (iv) fourthly, to pay the balance (if any) to the Issuer.

## 2. General

### 2.1 Collateral Calculation Agent

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

BNP Paribas Arbitrage S.N.C. shall undertake the duties of Collateral Calculation Agent in respect of the Secured Securities as set out below unless another entity is so specified as collateral calculation agent in the applicable Final Terms provided that, where a Triparty Agent is appointed, subject to Collateral Security Condition 5.2, the Collateral Calculation Agent shall calculate only the Securities Value. The expression "Collateral Calculation Agent" shall, in relation to the relevant Secured Securities, include such other specified collateral calculation agent.

### 2.2 Collateral Agent

BNP Paribas Trust Corporation UK Limited shall undertake the duties of Collateral Agent in respect of the Secured Securities as set out below and in the applicable Final Terms unless another entity is so specified as collateral agent in the applicable Final Terms. The expression "Collateral Agent" shall, in relation to the relevant Secured Securities, include such other specified collateral agent.

### 2.3 Pledge Agreement

The Pledge Agreement will, unless otherwise specified in the applicable Final Terms, be governed by Luxembourg law and Security Conditions 14.1 and 14.2 shall be construed accordingly. Any Alternative Security Document or Additional Security Document will be governed by the law specified in the applicable Final Terms or, where applicable, as set out in Collateral Security Condition 2.4.

### 2.4 Triparty Agent

Where The Bank of New York Mellon SA/NV is appointed as Triparty Agent, no Pledge Agreement governed by Luxembourg law will be entered into and the Alternative Security Document will be a pledge agreement governed by Belgian law. Where a Triparty Agent is appointed in respect of the relevant Collateral Pool, unless specified otherwise in the applicable Final Terms, the Triparty Agent will be the Collateral Custodian.

## 3. Status of the Secured Securities, Security and Guarantee

### 3.1 Status

The first paragraph of Security Condition 3 shall not apply to the Secured Securities. The Secured Securities are unsubordinated and secured obligations of the Issuer and rank *pari passu* among themselves.

### 3.2 Security

The obligations of the Issuer in respect of the Secured Securities will be secured by one or more pledge agreements between the Issuer and the Collateral Agent (each a "**Pledge Agreement**") pursuant to which the Issuer will grant a first ranking security interest in favour of the Collateral Agent, for itself and on behalf of the Holders of the Secured Securities which are to be secured by the relevant Collateral Pool, over all the Issuer's rights in, and, to the Collateral Assets delivered to each of the Collateral Custodians appointed in respect of the relevant Collateral Pool and held from time to time in the relevant account(s) established with the Collateral Custodian(s) for such purpose (such account(s), the "**Collateral Account**"). The Issuer will not deliver Eligible Collateral to the Collateral Account in connection with Secured Securities in respect of which the Issuer or any of its Affiliates are the beneficial owner. In addition to, or as an alternative to, a Pledge Agreement, the Issuer may also enter into an Additional Security Document or Alternative Security Document in respect of a Collateral Pool as specified in the applicable Final Terms in order to secure its obligations in respect of the Secured Securities and references in Collateral Security Condition 1 and hereinafter to "Pledge Agreement" and "Pledges" shall

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

be construed as if they also refer to such Alternative Security Documents and/or Additional Security Documents. Unless the applicable Final Terms specify that there is no Collateral Calculation Agent and/or no Collateral Valuation Dates in respect of a series of Secured Securities and related Collateral Pool:

- (a) (i) where the Collateral Assets are securities and no Triparty Agent is appointed in respect of the relevant Collateral Pool, the Issuer will transfer Collateral Assets to and from the Collateral Account (based on the most recent valuation provided by the Collateral Calculation Agent in respect of a Collateral Valuation Date) so that it will hold, in respect of a Collateral Pool, Collateral Assets with an aggregate marked to market value (as determined by the Collateral Calculation Agent and which will take into account a Haircut if "Haircut" is specified as applicable in the applicable Final Terms) (the "**Securities Collateral Value**") at least equal to the Securities Value (as determined in respect of such Collateral Valuation Date) applicable to the relevant Collateral Pool; or
- (ii) where the Collateral Assets are securities and a Triparty Agent is appointed in respect of the relevant Collateral Pool, the Triparty Agent (on behalf of the Issuer) will transfer Collateral Assets to and from the Collateral Account (based on the most recent valuations provided by the Collateral Calculation Agent in respect of the Securities Value and, subject to any Alternative Collateral Value or Corrected Collateral Value provided by the Collateral Calculation Agent, the Triparty Agent, in respect of the Collateral Assets then held in the Collateral Account) in respect of a Collateral Valuation Date) so that it will hold, in respect of a Collateral Pool, Collateral Assets with an aggregate marked to market value (as determined by the Triparty Agent, subject to any Alternative Collateral Value or Corrected Collateral Value provided by the Collateral Calculation Agent) and which will take into account a Haircut if "Haircut" is specified as applicable in the applicable Final Terms) (the "**Securities Collateral Value**") at least equal to the Securities Value (as determined in respect of such Collateral Valuation Date) applicable to the relevant Collateral Pool; and
- (b) where the Collateral Assets are a cash deposit or deposits, the Issuer will transfer Collateral Assets to and from the Collateral Account (based on the most recent valuation of the relevant series of Secured Securities provided by the Collateral Calculation Agent in respect of a Collateral Valuation Date) so that it will hold, in respect of a Collateral Pool, Collateral Assets in an amount (the "**Cash Collateral Value**") at least equal to the Securities Value (as determined in respect of such Collateral Valuation Date) applicable to the relevant Collateral Pool.

For the avoidance of doubt, where no Collateral Calculation Agent and/or no Collateral Valuation Dates are specified in the applicable Final Terms for a Collateral Pool, there will be no adjustment made by the Issuer to the amount of Collateral Assets held by the Issuer in the relevant Collateral Account and the Collateral Value and Securities Value will not be calculated on an ongoing basis during the terms of the relevant Secured Securities which are secured by the relevant Collateral Pool.

In the period between Collateral Valuation Dates (or, where there are no Collateral Valuation Dates between the Issue Date and the Redemption Date or Settlement Date, as the case may be) BNPP B.V. (or, where applicable, the Triparty Agent on its behalf) may withdraw Collateral Assets from the Collateral Account provided that it replaces them with alternative Collateral Assets which have at least the same marked to market value (as of the previous Collateral Valuation Date or the Issue Date where there has been no previous Collateral Valuation Date) as those being replaced (where MTM Collateralisation or Partial MTM Collateralisation is applicable or where Nominal Substitution is not

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

specified as applicable in the applicable Final Terms) or, where Collateral Assets have been provided in an amount equal to the nominal value of the relevant Secured Securities, the same nominal amount as those being replaced (where Nominal Substitution has been specified as applicable in the applicable Final Terms and Nominal Value Collateralisation or Partial Nominal Value Collateralisation is applicable).

Where the Final Terms in respect of a series of Secured Securities specify that "Single Series Pool" will be applicable to the series of Secured Securities, such series of Secured Securities will be the only series of Secured Securities to be secured by the relevant Collateral Pool. Where the Final Terms specify that "Multiple Series Pool" will be applicable to the relevant series of Secured Securities, such series of Secured Securities may be secured by a Collateral Pool which secures more than one series of Secured Securities.

### 3.3 Realisation of Collateral Assets

If an Enforcement Event occurs, the Collateral Agent shall enforce the Pledge(s) and, unless Physical Delivery of Collateral is specified as applicable in the applicable Final Terms, realise the Collateral Assets in each Collateral Pool (and may appoint one or more agents to assist it to do so) provided that the Collateral Agent need not take such action if it reasonably believes that it would not be able to recover the costs or other liabilities which would be incurred in connection with such action from the relevant Collateral Assets or otherwise or would experience an unreasonable delay in doing so. The Collateral Agent will not have any liability as to the consequences of such action and will not have regard to the effect of such action on individual Holders. Any reference in Collateral Security Conditions 3.3-3.8 (inclusive), Collateral Security Condition 6 and Collateral Security Condition 7 to the Collateral Agent shall also be deemed to be a reference to any agent which it appoints to assist it. Where the Collateral Agent is required to dispose of any Collateral Assets on behalf of the Issuer then:

- (a) the Collateral Agent shall seek firm bid quotations from at least three dealers in assets such as the relevant Collateral Assets (and, for such purpose, it may seek quotations in respect of such Collateral Assets in their entirety or in respect of designated tranches thereof, as it considers appropriate);
- (b) the Collateral Agent may itself provide a bid in respect of the relevant Collateral Assets or any tranche thereof; and
- (c) it shall and shall be authorised to accept in respect of each relevant tranche or, as applicable, the entirety of the relevant Collateral Assets the highest such quotation so obtained (which may be a quotation from the Collateral Agent).

Subject as may otherwise be provided for in these Collateral Security Conditions, in effecting the sales, the Collateral Agent may sell the Collateral Assets in one single tranche or in smaller tranches as it considers appropriate in order to attempt reasonably to maximise the proceeds from such sale. The Collateral Agent may effect sales of the Collateral Assets (i) on any national securities exchange or quotation service on which the Collateral Assets may be listed or quoted, (ii) in the over-the-counter market or (iii) in transactions otherwise than on such exchanges or in the over-the-counter market. If (A) the Collateral Agent is unable to obtain any quotations for the sale of the Collateral Assets or (B) the Collateral Agent is offering to buy the Collateral Assets itself for its own account for a price equal to or higher than the best quotation from a third party, the Collateral Agent may effect sales of the Collateral Assets to itself.

### 3.4 Application of proceeds

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Following payment of (a) all Enforcement Expenses and (b) any other amounts which are payable in accordance with, and in the order set out in, the applicable Priority of Payments in priority to the Holders, the remaining proceeds from the realisation of the Collateral Assets in a Collateral Pool will be applied in meeting the claims of Holders under the Secured Securities which are secured by the relevant Collateral Pool on a *pari passu* basis where each Secured Security's share of such proceeds shall be determined on the basis of such Secured Security's Collateral Proceeds Share provided that a Holder shall not be entitled to receive an amount in respect of a Secured Security greater than the Security Termination Amount determined with respect to such Secured Security.

### 3.5 Shortfall

In the event that, following the application of the Collateral Enforcement Proceeds in accordance with Collateral Security Condition 3.4 and the relevant Priority of Payments, the amount paid to a Holder in respect of a Secured Security held by him (a "**Security Realised Amount**") is less than the Security Termination Amount determined with respect to such Secured Security (the difference being referred to as a "**Shortfall**"), the Issuer shall remain liable for such Shortfall, but any such Holder shall not have recourse to any Collateral Pool other than the Collateral Pool applicable to that series of Secured Securities.

### 3.6 Physical Delivery of Collateral Assets

Where "Physical Delivery of Collateral" is specified in the applicable Final Terms, following enforcement of the Pledge(s), the Collateral Agent, will deliver the Collateral Assets in a Collateral Pool to each Holder of a Secured Security secured by the relevant Collateral Pool in a nominal amount equal to the Delivery Share applicable to such Secured Security on a *pari passu* basis (where Nominal Value Collateralisation or Partial Nominal Value Collateralisation apply to the relevant Secured Securities) or with a marked to market value equal to the Delivery Share applicable to such Secured Security on a *pari passu* basis (where MTM Collateralisation or Partial MTM Collateralisation apply to the relevant Secured Securities). Delivery of such Collateral Assets and payment of any Rounding Amount will fully extinguish the Issuer's obligations in respect of the relevant Secured Securities notwithstanding that the value of the Collateral Assets (together with Rounding Amount) so delivered may be less than the market value and/or nominal value of the relevant Secured Security. The Shortfall and the Security Termination Amount in respect of each such Secured Security shall be equal to zero provided that, where MTM Collateralisation, Partial MTM Collateralisation or Partial Nominal Value Collateralisation is applicable, a Shortfall shall be calculated in accordance with Collateral Security Condition 3.5 where, for such purpose, the Security Realised Amount will be equal to the sum of any Rounding Amount due to the Holder and the marked to market value of the Collateral Assets actually delivered to the Holder (on the basis of the marked to market values of the relevant Collateral Assets determined by the Collateral Agent, as of the relevant date of such delivery) and the Security Termination Amount will be as set out in the applicable Final Terms.

In connection with any such delivery in respect of Securities, such delivery shall be made in accordance with Security Conditions 30 and 35.2 and the Entitlement in respect of a Secured Security shall be deemed to be a Security's Delivery Share provided that Secured Securities held by the same Holder will be aggregated for the purpose of determining a Holder's aggregate Entitlement in respect of the Secured Securities and provided further that the aggregate Entitlements in respect of the same Holder will be rounded down to the nearest whole unit of the Collateral Assets and fractions of the Collateral Assets will not be delivered, as set out in Security Condition 35.2(c).

In connection with such delivery, (i) Security Condition 5 shall not apply, (ii) for the purposes of Security Condition 11.1, Security Expenses shall be deemed to include any Enforcement Expenses which are

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

incurred in delivery of the Collateral Assets in accordance with this Collateral Security Condition 3.6, (iii) the Collateral Agent shall be entitled to deduct from the assets deliverable to Holders all Security Expenses not previously deducted from amounts paid or assets delivered to Holders, as the Collateral Agent shall in its sole and absolute discretion determine are attributable to the relevant Secured Securities and (iv) any reference in the Security Conditions to "Relevant Assets" shall be deemed, in connection with a delivery of Collateral Assets in accordance with this Collateral Security Condition 3.6, to be a reference to "Collateral Assets".

The final sentence of the first paragraph of Security Condition 35.2(c) shall not apply and the Collateral Assets which it is not possible to deliver to a Holder due to such rounding shall, if and to the extent practicable, be sold by the Collateral Agent (or such other agent as may be appointed by the Collateral Agent for such purpose) in accordance with Collateral Security Condition 3.3 and a *pro rata* share of the resulting amount (the "**Collateral Delivery Rounding Amount**") shall be paid to each Holder whose Entitlement is subject to such rounding calculated on the basis of the aggregate number of Secured Securities held by the relevant Holder as set out in Security Condition 35.2(c).

Where Physical Delivery of Collateral is applicable to any series of Secured Securities secured by a Collateral Pool either (A) MTM Collateralisation or Partial MTM Collateralisation must apply to each series of Secured Securities secured by the same Collateral Pool or (B) Nominal Value Collateralisation or Partial Nominal Value Collateralisation must apply to each series of Secured Securities secured by the same Collateral Pool. Where "Essential Trigger" is specified as applicable in the applicable Final Terms, Physical Delivery of Collateral will not apply.

### 3.7 Settlement Disruption

If, in the opinion of the Collateral Agent, delivery of the Entitlement following the occurrence of an Enforcement Event is not practicable by reason of a Collateral Settlement Disruption Event (as defined above) having occurred and continuing on any Collateral Delivery Date then such Collateral Delivery Date, for such Secured Securities shall be postponed to the first following Business Day in respect of which there is no such Collateral Settlement Disruption Event, provided that the Collateral Agent may elect in its sole discretion to deliver the Entitlement in such other commercially reasonable manner as it may select and in such event the Collateral Delivery Date shall be such day as the Collateral Agent deems appropriate in connection with delivery of the Entitlement in such other commercially reasonable manner. For the avoidance of doubt, where a Collateral Settlement Disruption Event affects some but not all of the Collateral Assets comprising the Entitlement, the Collateral Delivery Date for the Collateral Assets not affected by the Collateral Settlement Disruption Event will be the originally designated Collateral Delivery Date.

If delivery of the relevant Entitlement is not possible due to the occurrence of a Collateral Settlement Disruption Event, for a period of greater than eight Business Days (or such other period specified in the Final Terms), then in lieu of physical settlement and notwithstanding any other provision hereof, the Collateral Agent shall sell or realise the Undeliverable Collateral Assets in the manner set out in Collateral Security Condition 3.3. The Collateral Agent shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 that a Collateral Settlement Disruption Event has occurred. No Holder shall be entitled to any payment in respect of the relevant Secured Security in the event of any delay in the delivery of the Entitlement due to the occurrence of a Collateral Settlement Disruption Event and no liability in respect thereof shall attach to the Issuer, the Guarantor or the Collateral Agent.

### 3.8 Cash Collateral Settlement and Physical Delivery of Collateral

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Where both Physical Delivery of Collateral and Collateral Cash Settlement apply to different series of Secured Securities which are secured by the same Collateral Pool, following the occurrence of an Enforcement Event, the following provisions shall apply:

- (a) The Collateral Agent shall first value, or appoint an agent to undertake such valuation on its behalf, the Collateral Assets in the relevant Collateral Pool in order to determine the Collateral Assets Value.
- (b) The Collateral Agent shall determine the Aggregate Cash Settled Final Security Value and the Aggregate Physically Settled Final Security Value and then determine the Cash Settled Portion in respect of the Collateral Assets in the relevant Collateral Pool and the Physically Settled Portion in respect of the Collateral Assets in the relevant Collateral Pool.
- (c)
  - (i) After determining the Collateral Assets Value in respect of the relevant Collateral Pool and calculating the amounts set out in Collateral Security Condition 3.8(b), the Collateral Agent shall determine which Collateral Assets are to be realised in accordance with Collateral Security Condition 3.3 and which Collateral Assets are to be delivered to Holders in accordance with Collateral Security Condition 3.6:
    - (A) (I) (in all circumstances other than where Collateral Security Condition 3.8(c)(i)(B) applies) on the basis that the aggregate marked to market value of the Collateral Assets (as determined for the purposes of calculating the Collateral Assets Value) which are to be realised shall be equal to the amount of the Cash Settled Portion and (II) the aggregate marked to market value of the Collateral Assets (as determined for the purposes of calculating the Collateral Assets Value) which are to be delivered to Holders shall be equal to the amount of the Physically Settled Portion; or
    - (B) on the basis that the aggregate nominal amount of the Collateral Assets which are to be realised in accordance with Collateral Security Condition 3.3 shall be equal to the amount of the Cash Settled Portion and the aggregate nominal amount of the Collateral Assets which are to be delivered to Holders in accordance with Collateral Security Condition 3.6 shall be equal to the amount of the Physically Settled Portion where Nominal Value Collateralisation or Partial Nominal Value Collateralisation apply to the Secured Securities in the relevant Collateral Pool and there are no Collateral Valuation Dates.
  - (ii) In each case if the nominal amount of the Collateral Assets to be the subject of Collateral Cash Settlement or to be delivered in accordance with Physical Delivery of Collateral is not equal to an authorised denomination of the Collateral Assets (or an integral multiple thereof) then the nominal amount of each such Collateral Asset shall be rounded down to the nearest authorised denomination or multiple thereof or, if none, to zero. In such circumstances, the Collateral Assets which were not capable of being assigned as Cash Settled Portion Assets or as Physically Settled Portion Assets due to such rounding in each case shall, if and to the extent practicable, be sold by the Collateral Agent (or such other agent as may be appointed by the Collateral Agent for such purpose) in accordance with Collateral Security Condition 3.3. The resulting amount (the "**Collateral Split Rounding Amount**") shall be paid to the Holders on a *pari passu* basis where each Secured Security's share of such proceeds shall be determined on the basis of such Secured Security's Collateral Proceeds Share (in the



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

case of Secured Securities to which Collateral Cash Settlement applies) where, for such purpose, the Realisation Amount will be deemed to be equal to such proceeds of sale from the relevant Collateral Assets subject to rounding (after deduction of costs or expenses incurred or relating to such sale) or on the basis of such Secured Security's Delivery Share (in the case of Secured Securities to which such Physical Delivery of Collateral applies) where, for such purpose, the Collateral Assets Value will be deemed to be equal to such proceeds of sale from the relevant Collateral Assets subject to rounding (after deduction of costs or expenses incurred or relating to such sale). For the avoidance of doubt, the Collateral Split Rounding Amount will be payable in addition to any Collateral Delivery Rounding Amount payable in accordance with Collateral Security Condition 3.6.

- (d) After the Collateral Agent determines the Collateral Assets to be realised in accordance with Collateral Security Condition 3.3, such Collateral Securities shall be realised in accordance with such Collateral Security Condition provided that references therein to "Collateral Assets" shall be deemed to be references to the Cash Settled Portion Assets only and not to all the Collateral Assets in the Collateral Pool.
- (e) After the Collateral Agent determines the Collateral Assets to be delivered in accordance with Collateral Security Condition 3.6, such Collateral Assets will be delivered to Holders in accordance with such Collateral Security Condition provided that references therein to "Collateral Assets" shall be deemed to be references to the Physically Settled Portion Assets only and not to all the Collateral Assets in the Collateral Pool.

### 3.9 No collateralisation of Secured Securities held by the Issuer or any of its Affiliates

The Issuer will not deliver Collateral Assets to the Collateral Account in respect of Secured Securities where the Issuer or any of its Affiliates are the beneficial owner of such Secured Securities. Following an Enforcement Event, the Issuer will procure that it and/or the Affiliate of the Issuer that holds the Secured Securities will renounce and waive all rights (including as to payment) in respect of such Secured Securities and shall submit such Secured Securities for cancellation free of payment. Any amounts calculated for the purposes of Collateral Security Conditions 3.2 to 3.8 (inclusive) shall be calculated on the basis that any reference to Secured Securities shall be a reference to Placed Secured Securities only and the definitions in Collateral Security Condition 1 shall be interpreted accordingly.

### 3.10 Claim on Guarantor

In the event that the Issuer fails to make payment of the Shortfall, the Guarantor will on demand (without first requiring the Holder to take further steps against the Issuer or any other person) pay to each Holder in respect of each Secured Security held by him, an amount equal to the Shortfall in the currency in which the Shortfall is payable by the Issuer.

### 3.11 Status of Guarantee

The Guarantee applicable to Secured Securities is a senior preferred obligation (within the meaning of Article L.613-30-3-I-3° of the French *Code monétaire et financier*) and unsecured obligation of BNPP and will rank *pari passu* with all its other present and future senior preferred and unsecured obligations subject to such exceptions as may from time to time be mandatory under French law. Secured Securities in respect of which these Collateral Security Conditions are specified as applicable in the relevant Final Terms shall be deemed not to be "Securities" for the purposes only of the Deed of Guarantee for Unsecured Securities dated on or around 1 June 2022, or the French Law Guarantee for Unsecured

## **ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES**

Securities dated on or around 1 June 2022, entered into, in each case, by BNPP in respect of securities (other than Secured Securities) issued by the Issuer under its note, warrant and certificate programme.

### **3.12 Fallback Collateral**

Where on any Collateral Valuation Date the Collateral Assets held by the Issuer in the relevant Collateral Account relating to the relevant Collateral Pool comprise, in whole or in part, assets which are Fallback Collateral, the following shall apply:

- (a) on each such Collateral Valuation Date, the Issuer shall use commercially reasonable efforts to replace the Fallback Collateral, whether in whole or to the extent that it is otherwise able to do so, with Eligible Collateral that is not Fallback Collateral; and
- (b) on each Collateral Valuation Date where the Issuer is permitted to withdraw Eligible Collateral from the Collateral Account due to a reduction in the amount or value of the Collateral Assets which the Issuer is required to hold in the applicable Collateral Account, the Issuer shall withdraw Eligible Collateral that is Fallback Collateral prior to withdrawing any Eligible Collateral that is not Fallback Collateral.

### **3.13 Group Collateralisation**

Where Group Collateralisation is specified to be applicable in the applicable Final Terms, these Collateral Security Conditions shall be amended by:

- (a) the deletion of the words "less the number of any Secured Securities which form part of the BNPP Holding at such time" from the definition of "Placed Secured Securities" in Collateral Security Condition 1;
- (b) the deletion of the phrase ", provided that any Secured Securities which are, on the relevant Collateral Valuation Date, beneficially owned by BNPP B.V. or any of its Affiliates shall be disregarded as if they did not exist for the purposes of determining such amount" from the end of the definition of "Securities Value" in Collateral Security Condition;
- (c) the deletion of the sentence "The Issuer will not deliver Eligible Collateral to the Collateral Account in connection with Secured Securities in respect of which the Issuer or any of its Affiliates are the beneficial owner" in Collateral Security Condition 3.2"; and
- (d) the deletion of Collateral Security Condition 3.9 in its entirety.

## **4. Guarantee**

Subject as provided below and in the relevant Guarantee, BNPP has unconditionally and irrevocably (a) guaranteed to each Holder that, if following the occurrence of an Enforcement Event and enforcement of the Pledge in respect of the relevant Collateral Pool, for any reason the Issuer does not pay the Security Termination Amount in respect of a Secured Security in full, BNPP will not later than five Paris Business Days (as defined in the relevant Guarantee) after a demand has been made on BNPP pursuant thereto (without requiring the relevant Holder first to take steps against the Issuer or any other person) pay an amount equal to the Shortfall in the currency in which such payment is due in immediately available funds as though BNPP were the principal obligor in respect of such obligation provided that BNPP shall not be obliged to make any payment under this Guarantee in respect of a Secured Security until the Collateral Assets in the Collateral Pool securing such Secured Security have been realised or liquidated in full and distributed in the manner set out in Collateral Security Condition 6.2.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

### 5. Determinations and Modifications

- 5.1 Security Condition 6 shall not apply. None of the Issuer, the Guarantor (if applicable), the Calculation Agent, the Euroclear Registrar (if applicable) and any Security Agent shall have any responsibility for any errors or omissions (to the extent permitted by any applicable law) in the calculation of any Cash Settlement Amount or of any Entitlement unless, in the case of Italian Securities, such errors or omissions are due to its own wilful misconduct or gross negligence.

The purchase of Securities does not confer on any Holder of such Securities any rights (whether in respect of voting, distributions or otherwise) attaching to any Collateral Asset.

In making any election, modification, determination or adjustment, the Issuer or the Calculation Agent, as applicable, will act in good faith and in a commercially reasonable manner, to preserve or restore the economics of the agreed terms, as far as reasonably practicable. Any such election, modification, determination or adjustment shall not create a significant imbalance between the rights and obligations of the Issuer compared to the Holders, to the detriment of the Holders.

If Essential Trigger is specified as applicable in the applicable Final Terms, the Issuer or the Calculation Agent, as the case may be, may only modify or adjust the terms of the Certificates (other than modifications or adjustments that do not relate to essential characteristics of the Certificates) or exercise its discretion to redeem the Certificates prior to their scheduled Redemption Date, as described in the Terms and Conditions, following an event or circumstance (or combination of events or circumstances) that (a) is not attributable to the Issuer and that significantly alters the economics of the Certificates compared to the economics as of the Issue Date, or (b) constitutes a force majeure.

For the purpose of this Collateral Security Condition 5.1, essential characteristics of the Certificates means characteristics of the Certificates that are considered essential to the Holders generally, including without limitation the yield (coupon structure), the Underlying Reference, the principal protected amount (if any), the identity of the Issuer and of the Guarantor and the scheduled Redemption Date.

- 5.2 In relation to each issue of Secured Securities, the Collateral Calculation Agent (whether it be BNP Paribas, BNP Paribas Arbitrage S.N.C., the Triparty Agent or another entity) acts solely as agent of the Issuer and the Guarantor, and does not assume any obligation or duty to, or any relationship of agency or trust for or with, the Holders. All calculations and determinations made in respect of the Secured Securities by the Collateral Calculation Agent shall (save in the case of manifest error) be final, conclusive and binding on the Issuer, the Guarantor, the Holders and the Collateral Agent. Where the Collateral Calculation Agent is an Affiliate of the Issuer, potential conflicts of interest may exist between the Collateral Calculation Agent and the Holders, including with respect to certain determinations and judgments that the Collateral Calculation Agent must make.

The Collateral Calculation Agent may, with the consent of the Issuer, delegate any of its obligations and functions to a third party as it deems appropriate. In addition, where Triparty Agent is specified to be applicable in the applicable Final Terms, the Collateral Calculation Agent will delegate its obligation to calculate the marked to market value of the Collateral Assets to the Triparty Agent provided that notwithstanding such delegation, the Collateral Calculation Agent may, from time to time, provide such Triparty Agent with the marked to market value of any Collateral Assets (such marked to market value, an "**Alternative Collateral Value**") or correct a marked to market value previously determined by the Triparty Agent (such corrected marked to market value (a "**Corrected Collateral Value**").

If Essential Trigger is specified as applicable in the applicable Final Terms, the following shall apply:

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (a) in making any election, modification, determination or adjustment, the Collateral Calculation Agent, will act in good faith and in a commercially reasonable manner, to preserve or restore the economics of the agreed terms, as far as reasonably practicable. Any such election, modification, determination or adjustment shall not create a significant imbalance between the rights and obligations of the Issuer compared to the Holders, to the detriment of the Holders.
- (b) the Collateral Calculation Agent may only modify or adjust the terms of the Certificates (other than modifications or adjustments that do not relate to essential characteristics of the Certificates) or exercise its discretion to redeem the Certificates prior to their scheduled Redemption Date, as described in the Terms and Conditions, following an event or circumstance (or combination of events or circumstances) that (a) is not attributable to the Issuer and that significantly alters the economics of the Certificates compared to the economics as of the Issue Date, or (b) constitutes a force majeure.

For the purpose of this Collateral Security Condition 5.2, essential characteristics of the Certificates means characteristics of the Certificates that are considered essential to the Holders generally, including without limitation the yield (coupon structure), the Underlying Reference, the principal protected amount (if any), the identity of the Issuer and of the Guarantor and the scheduled Redemption Date.

### 6. Events of Default and Enforcement

#### 6.1 Events of Default

A Holder may deliver a Default Notification specifying that an Event of Default has occurred. If the Collateral Agent does not receive an Event Dispute Notice from the Issuer at or prior to the end of the Dispute Period, it shall deliver an Enforcement Notice to each of the Issuer, the Principal Security Agent, the Collateral Custodian, the Triparty Agent (if any), the Swap Counterparty (if any) and the Repo Counterparty (if any) whereupon, each series of Secured Securities shall become immediately due and payable at their Security Termination Amount (save where Physical Delivery of Collateral is applicable in which case the Entitlement in respect of each such Secured Security shall be delivered on the relevant Collateral Delivery Date) without further action or formalities and the Security Interests granted under the Pledge Agreements shall become enforceable (as set out in the Pledge Agreements).

Any of the following events (each an "**Event of Default**") shall entitle a Holder to deliver a Default Notification:

- (a) the Issuer fails to pay any amount payable in respect of the Secured Securities or any of them when due and payable or fails to deliver the Entitlement when due and such default is not remedied within 30 days after the relevant due date; or
- (b) the Issuer or the Guarantor fails to perform or observe any of its other obligations under the Secured Securities and such default is not remedied within 45 days after notice of such default has been given to the Principal Security Agent by any Holder; or
- (c) BNPP applies for the appointment of an ad hoc representative (*mandataire ad hoc*) under French bankruptcy law, or enters into an amicable procedure (*procédure de conciliation*) with creditors or ceases its payments, or a judgment is issued for the judicial liquidation (*liquidation judiciaire*) of BNPP or for a transfer of the whole of its business (*cession totale de l'entreprise*); or
- (d) the Issuer is subject to proceedings similar to those set out in Collateral Security Condition 6.1(c), or, in the absence of legal proceedings, the Issuer or Guarantor makes a conveyance, assignment or other arrangement for the benefit of its creditors or enters into a

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

composition with its creditors, or a resolution is passed by the Issuer or Guarantor for its winding-up or dissolution, except in connection with a merger or other reorganisation in which all of the Issuer's or the Guarantor's assets are transferred to, and all of the Issuer's or Guarantor's debts and liabilities (including the Secured Securities) are assumed by, another entity which continues the Issuer's or Guarantor's activities.

Any such Enforcement Notice shall be promptly given to the Holders in accordance with Security Condition 10.

### 6.2 Enforcement

The Collateral Agent shall not be bound to take any action under or in connection with any of the Pledge Agreements (including without limitation enforcing the Pledge(s) upon the Pledge(s) becoming enforceable) (i) unless a Holder has given written notice to each of the Issuer, the Collateral Agent and the Principal Security Agent that an Event of Default has occurred, no Event Dispute Notice in respect of such Default Notification has been received by the Collateral Agent at or prior to the end of the Dispute Period and the Collateral Agent has, as a result, delivered an Enforcement Notice to each of the Issuer, the Principal Security Agent, the Collateral Custodian, the Triparty Agent (if any), the Swap Counterparty (if any) and the Repo Counterparty (if any) with a copy delivered to the Holders or (ii) if the Collateral Agent reasonably believes that it (x) would not be able to recover its costs or other liabilities which would be incurred in connection with such action from the relevant Collateral Assets or otherwise or (y) would experience an unreasonable delay in doing so.

Upon the occurrence of an Enforcement Event in respect of any series of Secured Securities, the Collateral Agent shall enforce the Pledges in accordance with the Pledge Agreements. No Holder shall be entitled to enforce the Pledges or to proceed directly against the Issuer to enforce the other provisions of the Pledge Agreements unless the Collateral Agent, having become bound so to enforce or to proceed, fails so to do within a reasonable time and such failure is continuing or the Collateral Agent is prevented from doing so by any court order. In connection with the enforcement of the Pledges, and after the realisation and liquidation in full of all the Collateral Assets in a Collateral Pool and, where Physical Delivery of Collateral is not applicable, the Collateral Agent shall determine the Security Termination Amount (and, if applicable, any Shortfall) in respect of each Secured Security and shall notify such amounts to the Holders following such realisation and liquidation. Upon the occurrence of an Enforcement Event, the Collateral Calculation Agent shall provide details to the Collateral Agent of the valuation of the Collateral Assets and the Secured Securities (to the extent applicable) determined for the purposes of Collateral Security Condition 3.2 as at the immediately preceding Collateral Valuation Date (if any).

Where the Secured Securities become due and payable at their Security Termination Amount in accordance with Collateral Security Condition 6.1., no amounts other than the relevant Security Termination Amount (including any related Shortfall payable in respect thereof) will be payable in respect of each Secured Security.

Where Physical Delivery of Collateral and Nominal Value Collateralisation is applicable to a series of Secured Securities or there is recourse only to the proceeds of sale of the Collateral Assets, upon delivery of the relevant Collateral Assets (and payment of any Rounding Amount due in respect of such delivery) or payment of the proceeds of sale and any Rounding Amount, no further amount will be due to the Holders of such Secured Securities. In all other cases, in the event that the Realisation Amount is insufficient to pay the Security Termination Amount due to a Holder in full or the value of Collateral Assets delivered is less than the Security Termination Amount, the Issuer shall remain liable for the Shortfall and, in the event that the Issuer fails to make payment of the Shortfall as and when it becomes

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

due, the Guarantor will be liable for such Shortfall pursuant to the terms of the relevant Guarantee applicable to such Secured Securities. No Holder shall be entitled to have recourse to the Collateral Assets contained in a Collateral Pool other than the Collateral Pool which relates to the Secured Securities it holds.

### 6.3 Redemption

Where Physical Delivery of Collateral is not applicable to a series of Secured Securities, following payment in full by the Issuer and/or the Guarantor of the Shortfall (if any) in respect of a Secured Security and/or payment to the Holder of a Secured Security of an amount in aggregate equal to the Security Termination Amount the relevant Secured Security shall be deemed to have been redeemed. Where Physical Delivery of Collateral is applicable to a series of Secured Securities, following delivery to the Holder of a Secured Security of Collateral Assets in an amount equal to the relevant Delivery Share by the Collateral Agent (together with any Rounding Amount payable) and, where applicable, payment in full by the Issuer and/or the Guarantor of the Shortfall (if any) in respect of such Secured Security, the relevant Secured Security shall be deemed to have been redeemed.

## 7. Additional Disruption Events

### 7.1 The following changes will apply to Security Condition 15:

- (a) The definition of Additional Disruption Events in Security Condition 15.1 shall be deleted and replaced with the following:

**"Additional Disruption Event"** means each of Change of Law, Hedging Disruption, Increased Cost of Hedging, Collateral Disruption and Increased Cost of Collateral Assets (provided that Hedging Disruption, Increased Cost of Hedging, Collateral Disruption and Increased Cost of Collateral Assets shall not apply where "Essential Trigger" is specified as applicable in the applicable Final Terms);"

- (b) The following definitions shall be deemed to have been inserted in Security Condition 15.1 after the definition of a Cancellation Event and before the definition of Change in Law:

**"Collateral Asset Default"** means, in respect of a series of Secured Securities, any Collateral Asset in the Collateral Pool which secures such series of Secured Securities becomes due and payable on a date prior to its stated maturity date for any reason (including by reason of default in payment) or where the Collateral Asset is a cash deposit, there is a failure by the bank with which such deposit is held to pay any amount in respect of such deposit or the deposit becomes repayable on a date prior to its stated repayment date for any reason;

**"Collateral Asset Issuer Default"** means, in respect of a series of Secured Securities (a) any of the Collateral Assets in the Collateral Pool which secures such series of Secured Securities become due and payable on a date prior to their stated maturity date for any reason (including by reason of default in payment), (b) a failure by the Collateral Asset Issuer to (i) pay on the due date any amount due or (ii) perform any of its other obligations, in the case of both (i) and (ii), in respect of the Collateral Assets or (c) any rescheduling, Restructuring, subordination, exchange or material amendment is announced by the Collateral Asset Issuer or any governmental authority or occurs, in respect of the Collateral Assets;

**"Collateral Disruption"** means (a) the Issuer and/or any of its Affiliates is unable after using commercially reasonable efforts to (i) acquire, establish, re-establish, substitute, maintain, unwind or dispose of any transaction(s) or asset(s) or any futures or option contracts it deems

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

necessary to obtain Collateral Assets; (ii) freely realise, recover, remit, receive, re-patriate or transfer the proceeds of any such transactions(s) or assets(s) or futures or option contract(s) or any relevant hedge positions relating to the Collateral Assets (including without limitation as a result of adverse market conditions or a lack of liquidity in the market) or (iii) acquire or substitute any Collateral Assets (including without limitation as a result of adverse market conditions or a lack of liquidity in the market); and/or (b) the Collateral Calculation Agent determines that the Triparty Agent (if any) appointed in respect of the relevant Collateral Pool has failed or is unable to perform its obligations;"

- (c) The following definition shall be deemed to have been inserted in Security Condition 15.1 after the definition of Hedging Shares and before the definition of Increased Cost of Hedging:

**"Increased Cost of Collateral Assets"** means that the Issuer and/or any of its Affiliates would incur a materially increased (as compared with circumstances existing on the Trade Date) amount of tax, duty, expense, fee (other than brokerage commissions) or other relevant cost (including, for the avoidance of doubt, any funding cost) to (a) acquire, borrow, substitute, or dispose of any Collateral Assets, (b) establish, re-establish, substitute, maintain, unwind or dispose of any transaction entered into by the Issuer or any of its Affiliates in connection with the Collateral Assets or (c) realise, recover or remit the proceeds of any such Collateral Assets, provided that any such materially increased amount that is incurred solely due to the deterioration of the creditworthiness of the Issuer and/or any of its Affiliates shall not be deemed an Increased Cost of Collateral Assets;"

- (d) The definition of Optional Additional Disruption Events in Security Condition 15.1 shall be deleted and replaced with the following:

**"Optional Additional Disruption Event"** means any of Administrator/Benchmark Event, Cancellation Event, Collateral Asset Default, Collateral Asset Issuer Default, Currency Event, Failure to Deliver due to Illiquidity, Extraordinary External Event, Hedging Party Default, Increased Cost of Stock Borrow, Jurisdiction Event, Insolvency Filing, Loss of Stock Borrow, Stop-Loss Event and/or Significant Alteration Event, in each case if specified in the applicable Final Terms;"

- (e) The following definition shall be deemed to have been inserted in Security Condition 15.1 after the definition of Optional Additional Disruption Event and before the definition of Significant Alteration Event:

**"Restructuring"** means the occurrence of any one or more of the following events with respect to the Collateral Assets:

- (i) a reduction in the amount of principal or premium payable at maturity or at scheduled redemption dates;
- (ii) a postponement or other deferral of a date or dates for the payment of principal or premium;
- (iii) a change in the ranking in priority of payment of the Collateral Assets causing the subordination of the Collateral Assets to any other obligation under which the Collateral Asset Issuer is an obligor; or
- (iv) any change in the currency or composition of any payment of principal under the Collateral Assets,

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

provided that, in the case of each of (i) to (iv) above:

- (a) such event is not due to an administrative adjustment, accounting adjustment or tax adjustment or other technical adjustment occurring in the ordinary course of business; and
- (b) such event directly or indirectly results from a deterioration in the creditworthiness or financial condition of the Collateral Asset Issuer;"
- (f) Notwithstanding the first sentence of Security Condition 15.2, upon the occurrence of an Additional Disruption Event which is either a Collateral Disruption or an Increased Cost of Collateral Assets, the Issuer, in its sole and absolute discretion, may take the action described in Security Condition 15.2(b) and (c) where "Essential Trigger" is specified as applicable in the applicable Final Terms, this Collateral Security Condition 7.1(f) shall not apply.

7.2 The following shall apply where an Optional Additional Disruption Event occurs which is a Collateral Asset Default or Collateral Asset Issuer Default (as applicable) and Security Condition 15 shall not apply in connection with such Optional Additional Disruption Event.

- (a) Where the relevant Secured Securities are Certificates and where the relevant Collateral Asset(s) have become due and repayable other than by reason of default in payment, upon becoming aware of such event, the Issuer will, on giving such period of notice (in accordance with Security Condition 10) as expires not more than ten nor less than five Business Days following the date upon which the Issuer receives the redemption proceeds of such Collateral Asset(s) or where the Collateral Asset is a deposit, the date on which the Issuer receives the amount due to it on such repayment of the deposit, redeem the Secured Securities by payment of an amount equal to such Secured Security's Collateral Early Settlement Amount on the expiry of such notice.
- (b) [This section is intentionally left blank]
- (c) Where the Collateral Asset has become due and repayable by reason of default in payment by the obligor of such Collateral Asset continuing after the expiry of any applicable grace period,
  - (i) (x) the Issuer shall as soon as reasonably practicable arrange for the sale of such Collateral Assets (and in connection therewith may appoint an agent to assist it in arranging such sale) in accordance with the manner of sale set out in Collateral Security Condition 3.3 (and for such purposes any reference in such Collateral Security Condition 3.3 to the Collateral Agent shall be deemed to be a reference to the Issuer or any agent it appoints to assist it in arranging such sale) or where the Collateral Asset is a cash deposit, the Issuer shall seek to recover amounts from the deposit or sell its rights to such deposit and the Issuer shall give notice in accordance with Security Condition 10 that each Certificate is to be redeemed at its Collateral Early Settlement Amount pursuant to this Collateral Security Condition 7.2(c)(i) following receipt of the realisation proceeds of the Collateral Assets and (y) upon receipt of such proceeds, of the date upon which the relevant Secured Securities are to be redeemed (which date, where "Essential Trigger" is not specified as applicable in the applicable Final Terms, shall be not more than ten nor less than five Business Days following receipt of such proceeds) and it shall redeem each Secured Security by payment of an amount equal to such Secured Security's Collateral Early Settlement Amount;
  - (ii) [This section is intentionally left blank]: or



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (iii) where Collateral Physical Settlement has been specified as applicable in the applicable Final Terms, the Issuer shall as soon as reasonably practicable deliver the Collateral Assets to the Holders. Where delivery of the Collateral Assets is due to be made in respect of Secured Securities, Security Conditions 30 and 35.2 shall apply and, for such purposes, the Securities shall be deemed to be Physical Delivery Securities and the Entitlement in respect of a Security shall be deemed to be the Security's pro rata share of the Collateral Assets held by the Issuer in respect of the relevant Collateral Pool provided that Secured Securities held by the same Holder will be aggregated for the purpose of determining the aggregate Entitlements in respect of the Secured Securities and provided further that the aggregate Entitlements in respect of the same Holder will be rounded down to the nearest whole unit of the Collateral Assets and fractions of the Collateral Assets will not be delivered, as set out in Security Condition 35.2(c). Any reference in the Security Conditions to Relevant Assets shall be deemed to be, in connection with a Collateral Asset Default or Collateral Asset Issuer Default, a reference to the Collateral Assets which are comprised in the Entitlement for such Secured Security. Delivery of the Entitlement shall satisfy the Issuer's obligations in full in respect of the relevant Secured Securities. Where "Essential Trigger" is specified as applicable in the applicable Final Terms, Collateral Physical Settlement will not apply.
  - (d) Subject as provided below, in the event that some only of the Collateral Assets in the relevant Collateral Pool become repayable (the "**Repayable Assets**") pursuant to Collateral Security Conditions 7.2(a) or 7.2(c)(i) above, each Certificate will be partially redeemed on a *pro rata* basis in a nominal amount equal to the proportion of the then outstanding aggregate nominal amount of the Certificates that the principal amount of the Repayable Assets bears to the aggregate principal amount of all of the Collateral Assets, subject as provided below.
  - (e) Where Collateral Physical Settlement has been specified as applicable in the applicable Final Terms and a Settlement Disruption Event occurs, Security Condition 5.1 shall apply provided that the Disruption Cash Settlement Price will be equal to the Disruption Cash Settlement Price specified in the applicable Final Terms.
  - (f) If a Collateral Asset Default or a Collateral Asset Issuer Default, as the case may be, occurs, the Issuer will procure that any Affiliate which is holding Secured Securities of the relevant series shall deliver these to the Issuer and the Issuer will cancel such Secured Securities together with any Secured Securities which it is holding itself free of payment.
- 7.3 For the purpose of Collateral Security Conditions 7.2(a) and 7.2(c)(i), the "**Collateral Early Settlement Amount**" in respect of each Security will, be:
- (a) where "Default Redemption" is specified in the applicable Final Terms:
    - the lesser of:
      - (i) the Security Realised Amount in respect of such Certificate (determined in accordance with Collateral Security Condition 3 as if an Enforcement Event had occurred) or where Collateral Security Condition 7.2(a) is applicable, (A) such Secured Security's *pro rata* share of the redemption proceeds or, (B) where the Collateral Asset is a cash deposit, and the Issuer receives the amount due to it on the relevant repayment of the deposit, the amount received by the Issuer in respect of the relevant Collateral Assets; and

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (ii) an amount calculated as follows:
  - (A) in the case of Securities with a Cash Settlement Amount equal to the Issue Price, at the Cash Settlement Amount thereof; or
  - (B) in the case of Securities with a Cash Settlement Amount which is or may be less or greater than the Issue Price or which is payable in a Settlement Currency other than that in which the Certificates are denominated, at the amount specified in, the applicable Final Terms or, if no such amount is so specified in the applicable Final Terms, at its outstanding nominal amount,

together with, in either case, an amount in respect of interest (if any) accrued on such Certificate from and including the immediately preceding Interest Payment Date or, if none, the Interest Commencement Date to and including the date of redemption;

- (b) where "Option Value Redemption" is specified in the applicable Final Terms, an amount equal to:

- (i) the Security Realised Amount in respect of such Security (determined in accordance with Collateral Security Condition 3 as if an Enforcement Event had occurred) or where Collateral Security Condition 7.2(a) is applicable, (A) such Secured Security's pro rata share of the redemption proceeds or, (B) where the Collateral Asset is a cash deposit, and the Issuer receives the amount due to it on the relevant repayment of the deposit, the amount received by the Issuer in respect of the relevant Collateral Assets; plus

- (ii) an amount equal to the Option Value Amount;

together with, an amount in respect of interest (if any) accrued on such Security from and including the immediately preceding Interest Payment Date or, if none, the Interest Commencement Date to and including the date of redemption;

- (c) where "Highest Value" is specified in the applicable Final Terms, an amount equal to the Early Redemption Amount calculated in accordance with Security Condition 34.12(a);
- (d) where "Market Value" is specified in the applicable Final Terms, an amount equal to the Early Redemption Amount calculated in accordance with Security Condition 34.12(b); and
- (e) where "Monetisation Option" is specified in the applicable Final Terms, an amount equal to the Early Redemption Amount calculated in accordance with Security Condition 34.12(c).

Notwithstanding the foregoing, if the Calculation Agent determines that the relevant Optional Additional Disruption Event or combination of Optional Additional Disruption Events constitutes a force majeure, and if Optional Additional Disruption Force Majeure is specified as applicable in the applicable Final Terms, an amount in respect of each Security, which amount shall be equal to the fair market value of a Security, taking into account such event (provided that no account will be taken of costs (other than such costs that are unavoidable to early redeem the Securities at their fair market value) and no such costs shall be deducted), such amount to be paid to the Holders on the date notified to the Holders in the notice of early redemption.

7.4 [This section is intentionally left blank]

### 8. Collateral Security Credit Certificates

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

### 8.1 General

This Collateral Security Condition shall only apply if the applicable Final Terms specify that Collateral Security Condition 8 applies and that the relevant Secured Securities are Collateral Security Credit Certificates. Where this Collateral Security Condition 8 applies, for the avoidance of doubt, the terms of Annex 12 shall not apply to the Secured Securities. This Collateral Security Condition 8 may only apply to Secured Securities in respect of which the only Collateral Asset is the Reference Obligation.

### 8.2 Redemption

#### (a) Redemption absent Satisfaction of Conditions to Settlement

The Issuer will redeem each Collateral Security Credit Certificate on the related Collateral Credit Security Settlement Date (as such date may be extended in accordance with the definition thereof) by payment of an amount equal to the Cash Settlement Amount of such Certificate unless:

- (i) an Automatic Early Redemption Event has occurred (if applicable);
- (ii) an Enforcement Event has occurred;
- (iii) the Collateral Security Credit Certificates have been previously redeemed or purchased or cancelled in full (including pursuant to Collateral Security Condition 8.2(b)); or
- (iv) a Credit Event occurs and the Conditions to Settlement are satisfied in respect of such Credit Event, in which event the Issuer shall redeem the Collateral Security Credit Certificates in accordance with Collateral Security Condition 8.2(b).

#### (b) Redemption following Satisfaction of Conditions to Settlement

Upon the satisfaction of the Conditions to Settlement in relation to the Reference Entity, each Certificate will be redeemed at the Credit Event Settlement Amount on the Cash Settlement Date in full satisfaction of the Issuer's obligations under such Collateral Security Credit Certificate unless an Enforcement Event occurs on or prior to such Cash Settlement Date. Where the Conditions to Settlement are satisfied in relation to the Reference Entity but an Enforcement Event occurs on or prior to the Cash Settlement Date, Collateral Security Condition 3 shall apply.

#### (c) Miscellaneous provisions relating to Redemption

Any amount payable under Collateral Security Condition 8.2(b) shall be rounded downwards to the nearest sub-unit of the relevant currency.

### 8.3 Interest

#### (a) Cessation of Interest Accrual

Upon the occurrence of a Credit Event Determination Date in respect of the Reference Entity, interest shall cease to accrue with effect from, and including, either:

- (i) the Interest Payment Date immediately preceding such Credit Event Determination Date (or, in the case of the first Interest Period, the Interest Commencement Date); or
- (ii) if so specified in the applicable Final Terms, such Credit Event Determination Date.

#### (b) Interest following Scheduled Maturity

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Subject always to Collateral Security Condition 8.3(a), if an Extension Notice has been given, no interest will accrue on each Collateral Security Credit Certificate which is outstanding from, and including, the Redemption Date to, and including, the related Collateral Credit Security Settlement Date.

(c) Interest Payment Dates

If the Collateral Security Credit Certificates are redeemed pursuant to the Security Conditions, the Collateral Security Conditions or this Collateral Security Condition 8.3(a), the Redemption Date, the Collateral Credit Security Settlement Date (if not the Redemption Date) or the Cash Settlement Date, as the case may be, shall be an Interest Payment Date in respect of each Collateral Security Credit Certificate and the Issuer shall pay any interest that has accrued (and is unpaid) in respect of each Collateral Security Credit Certificate on such Interest Payment Date.

(d) General

For the avoidance of doubt, this Collateral Security Condition 8.3 shall apply only where the Final Terms specify that the Collateral Security Credit Certificates bear interest.

8.4 Satisfaction of the Conditions to Settlement

The "Conditions to Settlement" will be satisfied upon the Calculation Agent delivering to the Issuer a Credit Event Notice.

8.5 Miscellaneous Provisions relating to Collateral Security Credit Certificates

(a) Collateral Asset Withdrawals

The Issuer will use reasonable endeavours to obtain from the Reference Entity payment of the amount specified in the Unwind Notice and all amounts standing to the credit of the Deposit. The Issuer may appoint an agent to assist it in making payments into or withdrawing amounts from the Deposit.

(b) Determinations of the Calculation Agent

Subject to Collateral Security Condition 5.1, the determination by the Calculation Agent of any amount or of any state of affairs, circumstance, event or other matter, or the formation of any opinion or the exercise of any discretion required or permitted to be determined, formed or exercised by the Calculation Agent pursuant to the Collateral Security Credit Certificates shall (in the absence of manifest error) be final and binding on the Issuer, the Guarantor and the Holders. Whenever the Calculation Agent is required to make any determination it may, *inter alia*, decide issues of construction and legal interpretation. If the Calculation Agent chooses to rely on the determinations of the relevant Credit Derivatives Determinations Committee it may do so without liability. Any delay, deferral or forbearance by the Calculation Agent in the performance or exercise of any of its obligations or its discretion under the Collateral Security Credit Certificates including, without limitation, the giving of any notice by it to any person, shall not affect the validity or binding nature of any later performance or exercise of such obligation or discretion, and none of the Calculation Agent, the Issuer or the Guarantor shall, in the absence of wilful misconduct and gross negligence, (to the extent permitted by any applicable law) bear any liability in respect of, or consequent upon, any such delay, deferral or forbearance.

(c) Delivery of Notices

As soon as reasonably practicable after receiving a Credit Event Notice or Extension Notice from the Calculation Agent, the Issuer shall promptly inform, or shall procure that the Calculation Agent informs, the Holders in accordance with Security Condition 10.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

### 8.6 Definitions

The following definitions shall apply to Collateral Security Credit Certificates.

**"Bankruptcy"** means the Reference Entity:

- (a) is dissolved (other than pursuant to a consolidation, amalgamation or merger);
- (b) becomes insolvent or is unable to pay its debts or fails or admits in writing in a judicial, regulatory or administrative proceeding or filing its inability generally to pay its debts as they become due;
- (c) makes a general assignment, arrangement or composition with or for the benefit of its creditors;
- (d) institutes or has instituted against it a proceeding seeking a judgment of insolvency or bankruptcy or any other relief under any bankruptcy or insolvency law or other similar law affecting creditors' rights, or a petition is presented for its winding-up or liquidation, and, in the case of any such proceeding or petition instituted or presented against it, such proceeding or petition (i) results in a judgment of insolvency or bankruptcy or the entry of an order for relief or the making of an order for its winding-up or liquidation or (ii) is not dismissed, discharged, stayed or restrained in each case within thirty calendar days of the institution or presentation thereof;
- (e) has a resolution passed for its winding-up, official management or liquidation (other than pursuant to a consolidation, amalgamation or merger);
- (f) seeks or becomes subject to the appointment of an administrator, provisional liquidator, conservator, receiver, trustee, custodian or other similar official for it or for all or substantially all its assets;
- (g) has a secured party take possession of all or substantially all its assets or has a distress, execution, attachment, sequestration or other legal process levied, enforced or sued on or against all or substantially all its assets and such secured party maintains possession, or any such process is not dismissed, discharged, stayed or restrained, in each case within thirty calendar days thereafter; or
- (h) causes or is subject to any event with respect to it which, under the applicable laws of any jurisdiction, has an analogous effect to any of the events specified in paragraphs (a) to (g) above (inclusive).

**"BNP Paribas Group"** means BNP Paribas and its consolidated subsidiaries.

**"Cash Settlement Date"** means the date falling three Business Days (or such other number of days specified in the applicable Final Terms) after the Credit Event Valuation Date.

**"Certificate Value"** means the marked to market value of the Certificate immediately prior to the occurrence of the Credit Event expressed as a percentage of the Notional Amount of the Collateral Security Credit Certificate as determined by the Calculation Agent and, in respect of such determination, that the Calculation Agent shall ignore the credit-linked component and credit linked provisions of the Collateral Security Credit Certificate for the purposes of such valuation.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Credit Derivatives Determinations Committee"** means each committee established by ISDA for the purposes of reaching certain DC Resolutions in connection with credit derivative transactions in the over the counter markets, as more fully described in the Rules.

**"Credit Event"** means the occurrence of a Bankruptcy with respect to the Reference Entity or a Failure to Pay.

If an occurrence would otherwise constitute a Credit Event, such occurrence will constitute a Credit Event whether or not such occurrence arises directly or indirectly from, or is subject to a defence based upon:

- (a) any lack or alleged lack of authority or capacity of a Reference Entity to enter into the Reference Obligation;
- (b) any actual or alleged unenforceability, illegality, impossibility or invalidity with respect to the Reference Obligation, however described;
- (c) any applicable law, order, regulation, decree or notice, however described, or the promulgation of, or any change in, the interpretation by any court, tribunal, regulatory authority or similar administrative or judicial body with competent or apparent jurisdiction of any applicable law, order, regulation, decree or notice, however described; or
- (d) the imposition of, or any change in, any exchange controls, capital restrictions or any other similar restrictions imposed by any monetary or other authority, however described.

**"Credit Event Determination Date"** means the first date on which a Credit Event Notice is effective.

**"Credit Event Notice"** means an irrevocable notice from the Calculation Agent to the Issuer that describes a Credit Event that occurred on or after the Trade Date and on or prior to the earlier of (i) if Automatic Early Redemption Event is specified as applicable in the Final Terms, the Automatic Early Redemption Date immediately following the Automatic Early Redemption Valuation Date on which an Automatic Early Redemption Event has occurred, (ii) the date on which an Enforcement Event occurs and (iii) the day falling two Business Days prior to the Collateral Credit Security Settlement Date.

**"Credit Event Settlement Amount"** means an amount per Certificate subject to a minimum of zero, equal to:

$$NA \times (\text{Certificate Value} - \text{Redemption Adjustment})$$

**"Credit Event Valuation Date"** means any Business Day from, and including the Credit Event Determination Date to, and including, the Credit Event Valuation Period End Date as selected by the Calculation Agent (such period, the **"Credit Event Valuation Period"**) provided that the Credit Event Valuation Date may be postponed where the Valuation Extension Condition is satisfied, in which case the Credit Event Valuation Date will be any Business Day from, and including the Credit Event Determination Date to, and including, the last Business Day of the Extended Valuation Period, as selected by the Calculation Agent.

**"Credit Event Valuation Period End Date"** means, unless specified otherwise in the applicable Final Terms, the day falling 180 Business Days following the Credit Event Determination Date.

**"Collateral Credit Security Settlement Date"** means:

- (a) the Redemption Date; or

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (b) where the Issuer, having received from the Calculation Agent an Extension Notice in relation to the Reference Entity, delivers it to the Holders on or prior to the day falling three Business Days prior to the Redemption Date, the Extended Redemption Date.

"**DC Resolution**" has the meaning given to it in the Rules.

"**Extended Redemption Date**" means the date that is five Business Days following the later of:

- (a) the Redemption Date where paragraph (a) of the definition of "Extension Notice" applies; and
- (b) the last day of the Grace Period where paragraph (b) of the definition of "Extension Notice" applies.

"**Extension Notice**" means a notice delivered by the Calculation Agent to the Issuer stating that (a) without prejudice to sub-paragraph (b), a Credit Event has occurred or may occur on or prior to the Redemption Date or (b) a Potential Failure to Pay has occurred or may occur on or prior to the Redemption Date.

"**Extended Valuation Period**" means the period from, and including the Credit Event Determination Date to, and including the day falling 720 calendar days (or such other day specified in the applicable Final Terms) following the Credit Event Determination Date.

"**Failure to Pay**" means, after the expiration of the Grace Period, the failure by the Reference Entity to make, when and where due, any payments in an aggregate amount of not less than the Payment Requirement under the Reference Obligation in accordance with the terms of such Reference Obligation at the time of such failure.

"**Final Price**" means the amount expressed as a percentage of the Reference Obligation Notional Amount (as at the date the Credit Event occurred) equal to:

- (a)
  - (i) the amount received by the Issuer from the Reference Entity in relation to the Reference Obligation in the period from, and including, the day on which the relevant Credit Event occurred to, and including, the last day in the Credit Event Valuation Period; or
  - (ii) if the Issuer in its sole discretion acting in a commercially reasonable manner elects to transfer its rights in respect of the Reference Obligation to a third party (which may be an Affiliate of the Issuer) on an arm's length basis and the Issuer effects a transfer of such rights on or prior to the last day in the Credit Event Valuation Period, the amount received from the third party to which the Issuer has been able to transfer its rights related to the Reference Obligation less any costs or expenses incurred in or relating to such transfer;
- (b) where the Valuation Extension Condition is satisfied, the amount paid by the Reference Entity to the Issuer in relation to the Reference Obligation on or prior to the last Business Day of the Extended Valuation Period; and
- (c) if no amount has been paid to the Issuer by the Reference Entity on or prior to the last day of the Credit Event Valuation Period or, if the Valuation Extension Condition is satisfied, the last Business Day of the Extended Valuation Period and the Issuer has not transferred its rights related to the Reference Obligation to a third party on or prior to the last day of the Credit Event Valuation Period, the Final Price shall be deemed to be equal to zero.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

For the avoidance of doubt, the Final Price as determined in accordance with sub-paragraphs (a) and (b) above may be deemed to be equal to zero.

"**Grace Period**" means the period of 15 Business Days (or such other period specified in the Final Terms) from the date on which an Unwind Notice has been delivered to the Reference Entity.

"**ISDA**" means the International Swaps and Derivatives Association, Inc. (or any successor thereto).

"**NA**" means the Notional Amount.

"**Non Recovered Loss**" means an amount expressed as a percentage calculated in accordance with the following formula:

$$\frac{RONA}{ONA} \times (100\% - \text{Final Price})$$

"**Outstanding Notional Amount**" or "**ONA**" means the outstanding nominal amount of all issued Collateral Security Credit Certificates of the relevant series which have not been redeemed or are not held by an entity in the BNP Paribas Group.

"**Payment Requirement**" means EUR 1 (or such other amount specified in the applicable Final Terms).

"**Potential Failure to Pay**" means the failure by the Reference Entity to make, when and where due, any payments in an aggregate amount of not less than the Payment Requirement in respect of the Reference Obligation, without regard to any grace period or any conditions precedent to the commencement of any grace period applicable to the Reference Obligation, in accordance with the terms of the Reference Obligation at the time of such failure.

"**Redemption Adjustment**" means the aggregate of (i) any costs expressed as a percentage of the Outstanding Notional Amount payable by the Issuer or any of its Affiliates to unwind or terminate any hedging transaction or hedging positions related to the Certificates and (ii) any Non Recovered Loss in respect of the Reference Obligation.

"**Reference Obligation**" means a cash deposit by the Issuer (the "**Deposit**") with the Reference Entity in an amount equal to the Reference Obligation Notional Amount from time to time.

"**Reference Obligation Notional Amount**" or "**RONA**" means an amount placed on deposit with the Reference Entity by the Issuer upon issue of the Certificates, which amount may be reduced or increased in the manner set out in Collateral Security Condition 3.2(b).

"**Reference Entity**" means the party specified as such in the applicable Final Terms and any Successor thereto.

"**Rules**" means the Credit Derivatives Determinations Committee Rules, as published by ISDA on its website at [www.isda.org](http://www.isda.org) (or any successor website thereto) from time to time and as amended from time to time in accordance with the terms thereof.

"**Succession Event**" means an event such as a merger, consolidation, amalgamation, transfer of assets or liabilities, demerger, spin-off or other similar event in which one entity succeeds to the obligations of another entity, whether by operation of law or pursuant to any agreement;

"**Successor**" means any direct or indirect successor to the Reference Entity which assumes the Reference Obligation following a Succession Event in respect of the Reference Entity or, if there is more than one



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

such successor entity, the successor entity which assumes the highest proportion of the outstanding balance of the Reference Obligation as determined by the Calculation Agent, provided that if more than one successor entity assumes such highest proportion of such Reference Obligation, the successor entity shall be determined by the Calculation Agent acting in a commercially reasonable manner.

"**Unwind Notice**" means a notice to the Reference Entity requesting the withdrawal of all or any part of the amounts standing to the credit of the Deposit.

"**Valuation Extension Condition**" means (i) the transfer of the Issuer's rights relating the Reference Obligation has not been possible on or prior to the last day in the Credit Event Valuation Period, (ii) no amount has yet been received by the Issuer from the Reference Entity in respect of the Reference Obligation on or prior to the last day in the Credit Event Valuation Period and (iii) the Issuer determines that the Final Price is likely to be higher than zero if there is an Extended Valuation Period and the Credit Event Valuation Date is postponed and it notifies the Issuer and the Calculation Agent accordingly.

9. [This section is intentionally left blank]

### 10. **Redemption**

Security Condition 34.1-34.8 (inclusive) will not apply.

#### 10.1 General

Unless the Certificates are Exercisable Certificates, subject as provided in these Terms and Conditions, provided no Enforcement Event has occurred, each Certificate (other than a Credit Certificate or Collateral Security Credit Certificate) will be redeemed by the Issuer:

- (a) in the case of a Cash Settled Certificate, by payment of the Cash Settlement Amount; or
- (b) in the case of a Physical Delivery Certificate, subject as provided in Security Conditions 5 and 35, by delivery of the Entitlement,

such redemption to occur in either case, subject as provided below, on the date falling on the fifth Business Day following the Valuation Date, unless specified otherwise in the applicable Final Terms (the "**Redemption Date**"). If (i) the date for payment of any amount in respect of the Certificates is not a Business Day, the holder thereof shall not be entitled to payment until the next following Business Day and shall not be entitled to any further payment in respect of such delay or (ii) the date for delivery of any Entitlement in respect of the Certificates is not a Settlement Business Day (as defined in Security Condition 5.1), the Holder thereof shall not be entitled to delivery of the Entitlement until the next following Settlement Business Day.

The Certificates may also be subject to automatic early redemption upon the occurrence of an Automatic Early Redemption Event, as defined in and in accordance with the provisions of Security Condition 34.9 if specified in the applicable Final Terms.

#### 10.2 Credit Certificates and Collateral Security Credit Certificates

Subject as provided in these Terms and Conditions and as specified in the applicable Final Terms and provided no Enforcement Event has occurred, each Credit Certificate and Collateral Security Credit Certificate will be redeemed by the Issuer by payment of the Cash Settlement Amount such redemption to occur on the Redemption Date specified in the applicable Final Terms subject as provided in Annex 12 (Additional Terms and Conditions for Credit Securities) and, in the case of Collateral Security Credit Certificates, Collateral Security Condition 8. If the date for payment of any amount in respect of the

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Certificates is not a Business Day, the holder thereof shall not be entitled to payment until the next following Business Day and shall not be entitled to any payment in respect of such delay.

### 10.3 Issuer Call Option

If Issuer Call Option is specified in the applicable Final Terms, the Issuer may, provided no Enforcement Event has occurred and having given:

- (a) except in the case of Certificates represented by Private Placement Definitive Certificates and Certificates represented by a Rule 144A Global Certificate held by a Custodian on behalf of DTC, not less than the minimum notice period nor more than the maximum notice period specified in the applicable Final Terms (the "**Notice Period**") notice to the Holders in accordance with Security Condition 10 and, in the case of Certificates represented by Private Placement Definitive Certificates and Certificates represented by a Rule 144A Global Certificate held by a Custodian on behalf of DTC, not less than 30 nor more than 45 days' notice to the Holders in accordance with Security Condition 10; and
- (b) not less than 15 days (or such Notice Period specified in the applicable Final Terms) before the giving of the notice referred to in (a), notice to the relevant Security Agent or, in the case of CREST Dematerialised Certificates, not less than 45 days' notice to the Euroclear Registrar,

(which notices shall be irrevocable and shall specify the date fixed for redemption), redeem all or some only of the Certificates then outstanding on any date fixed for redemption as specified in the applicable Final Terms (an "**Optional Redemption Date**") and at an amount (the "**Optional Redemption Amount**") specified in, or determined on the date (the "**Optional Redemption Valuation Date**") and in the manner specified in the applicable Final Terms together, if appropriate, with interest accrued to (but excluding) the relevant Optional Redemption Date.

In the case of a partial redemption of Certificates (other than CREST Dematerialised Certificates), the rights of Holders of Certificates represented by a Global Security, or Holders of Italian Dematerialised Certificates, Swedish Dematerialised Securities, Danish Dematerialised Securities, Finnish Dematerialised Securities, Norwegian Dematerialised Securities or Polish Dematerialised Securities will be governed by the standard procedures of Euroclear, Clearstream Luxembourg, Euroclear France, DTC, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway or KDPW Poland, as applicable, or any relevant Clearing System (as the case may be). With respect to Certificates represented by Private Placement Definitive Certificates, the Definitive Security Agent will select the Certificates to be redeemed individually by lot, not more than 45 days prior to the date fixed for redemption, and give notice to Holders, in accordance with Condition 10, of the serial numbers of the Certificates to be redeemed not less than 15 days prior to the date fixed for redemption. Private Placement Definitive Certificates may only be redeemed in minimum amounts of U.S.\$250,000 or more, and the remaining unredeemed portion thereof must be at least U.S.\$250,000. So long as the Securities are listed on the official list of Euronext Paris ("**Euronext Paris**") and admitted to trading on the regulated market of Euronext Paris and the rules of that stock exchange so require, the Issuer shall, once in each year in which there has been a partial redemption of the Certificates, cause to be published on the website of Euronext Paris ([www.euronext.com](http://www.euronext.com)) a notice specifying the aggregate nominal amount of Certificates outstanding. In the case of a partial redemption of CREST Dematerialised Certificates, the notice to Holders referred to in this Condition 34.3 shall specify any procedures for partial redemption laid down in the then applicable Uncertificated Securities Regulations.

## 10.4 Holder Put Option

If Holder Put Option is specified in the applicable Final Terms, upon the Holder of any Certificate giving to the Issuer not less than the minimum notice period nor more than the maximum notice period notice specified in the applicable Final Terms (the "**Notice Period**") the Issuer will, upon the expiry of such notice and provided no Enforcement Event has occurred, redeem, subject to, and in accordance with, the terms specified in the applicable Final Terms, in whole (but not in part), such Certificate on any date fixed for redemption as specified in the applicable Final Terms (an "**Optional Redemption Date**") and at an amount (the "**Optional Redemption Amount**") specified in, or determined on the date (the "**Optional Redemption Valuation Date**") and in the manner specified in the applicable Final Terms together, if appropriate, with interest accrued to (but excluding) the Optional Redemption Date (each date and amount as specified in the applicable Final Terms). If Put Payout 2210 or 2300 is specified as applicable in the applicable Final Terms, the Optional Redemption Amount shall be Put Payout 2210 or Put Payout 2300, as applicable. If the product of Put Payout 2210 or Put Payout 2300, as the case may be is zero, no amount shall be payable on redemption of such Certificate.

If the Certificate is held outside DTC, Euroclear and Clearstream, Luxembourg, Euroclear France and/or any other relevant Clearing System, to exercise the right to require redemption of the Certificate the Holder of the Certificate must deliver at the specified office of any Security Agent or the Registrar at any time during normal business hours of such Registrar or Security Agent falling within the Notice Period, a duly completed and signed notice of exercise in the form (for the time being current) obtainable from any specified office of any Security Agent (a "**Put Notice**") and in which the Holder must specify a bank account (or, if payment is required to be made by cheque, an address) to which payment is to be made under this Collateral Security Condition 10.4, accompanied by the Certificate or evidence satisfactory to the Security Agent concerned that the Certificate will, following delivery of the Put Notice, be held to its order or under its control in a manner reasonably satisfactory to the Security Agent concerned. If the Certificates are CREST Dematerialised Certificates, to exercise the right to require redemption of the Certificate, the Holder of the Certificate must, not less than 30 nor more than 60 days before the Optional Redemption Date, deposit with the Euroclear Registrar a duly completed Put Notice in the form obtainable from the Euroclear Registrar and in accordance with the Uncertificated Securities Regulations. If the Certificate is held through DTC, Euroclear or Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System, to exercise the right to require redemption of the Certificate the Holder of the Certificate must, within the Notice Period, give notice to the Security Agent concerned of such exercise in accordance with the standard procedures of DTC, Euroclear and Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System (which may include notice being given on such Holder's instruction by Euroclear or Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System or any common depositary for them to the Security Agent by electronic means) in a form acceptable to DTC, Euroclear and Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System from time to time and, if the Certificate is represented by a Global Certificate, at the same time present or procure the presentation of the relevant Global Certificate to the relevant Security Agent for notation accordingly. In the case of Finnish Dematerialised Certificates, in order to exercise this option the Holder must transfer or procure the transfer of the relevant Certificates have been transferred to the account designed by the Finnish Security Agent and procure that such account is blocked for further transfer on or prior to the Optional Redemption Date. Any Put Notice given by a Holder of any Certificate pursuant to this Collateral Security Condition 10.4 shall be irrevocable.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

### 10.5 Redemption in Instalments

If the applicable Final Terms specify that the Certificates are Instalment Certificates, each Certificate will be redeemed in the Instalment Amounts and on the Instalment Dates specified in the applicable Final Terms.

### 10.6 Redemption of Partly Paid Certificates

Partly Paid Certificates will be redeemed in accordance with the provisions set out in the applicable Final Terms.

### 10.7 Exercise of Certificates

If the Certificates are Cash Settled Certificates and Exercise of Certificates is specified as applicable in the applicable Final Terms, provided no Enforcement Event has occurred, the Certificates (such Certificates "**Exercisable Certificates**") will be automatically exercised on the Exercise Date, or, if Multiple Exercise is specified as applicable in the applicable Final Terms, each Exercise Date subject as provided in the following paragraph and, in the case of Credit Certificates, to the provisions of Annex 12 (Additional Terms and Conditions for Credit Securities) and, in the case of Collateral Security Credit Certificates, Collateral Security Condition 8. Upon automatic exercise each Certificate entitles its Holder to receive from the Issuer the Cash Settlement Amount on the Redemption Date or, if Multiple Exercise is specified as applicable in the applicable Final Terms, the relevant Exercise Settlement Date.

### 10.8 Open End Certificates

If "Open End" is specified as applicable in the relevant Final Terms, the Redemption Date of such Open End Certificates will, notwithstanding any provision to the contrary, be the date falling (5) five Business Days after the relevant Averaging Date, Observation Date, Strike Date or, as applicable, Valuation Date determined by the Issuer in its sole discretion, provided that the relevant Averaging Date, Observation Date, Strike Date or Valuation Date so-determined by the Issuer is notified to the Holders at the latest ten (10) Business Days prior to the contemplated date in accordance with Security Condition 10.

If a Certificate is an Open End Certificate, "Knock-in Event" and "Knock-out Event" may not be specified as applicable in the relevant Final Terms in respect of such Certificate.

## 11. Payments

Security Condition 35.1 shall not apply. Except in the case of CREST Dematerialised Certificates, Registered Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Certificates, Finnish Dematerialised Certificates, Norwegian Dematerialised Certificates and Polish Dematerialised Certificates and subject as provided below, the Issuer shall pay or cause to be paid the Cash Settlement Amount or the relevant amount (if any) payable under the Credit Security Conditions (or in the case of Instalment Certificates, each Instalment Amount) or Security Realised Amount and an amount equal to the Shortfall (if any) for each Certificate by credit or transfer to the Holder's account with the relevant Clearing System or the Definitive Security Agent, as the case may be (in the case of English Law Certificates other than CREST Dematerialised Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Certificates, Finnish Dematerialised Certificates, Norwegian Dematerialised Certificates, Polish Dematerialised Certificates and Certificates held through Euroclear France ("**Euroclear France Certificates**") or with the relevant Account Holder (in the case of Euroclear France Certificates)) for value on the Redemption Date (or (a) in the case of Instalment Certificates, on the relevant Instalment Date; or (b) if Multiple Exercise is specified as applicable in the applicable Final Terms, on the relevant Exercise Settlement Date) less any Expenses, such payment to be made in accordance with the rules of

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

such Clearing System or the Definitive Security Agent, as the case may be or Account Holder. Payment of any Shortfall by the Guarantor (if any) shall be made in the same manner as the Security Realised Amount is paid by, or on behalf of, the Issuer.

Except in the case of Registered Certificates, CREST Dematerialised Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Certificates, Finnish Dematerialised Certificates, Norwegian Dematerialised Certificates and Polish Dematerialised Certificates, where the Certificates pay interest, subject as provided below, the Issuer shall pay or cause to be paid the Interest Amount for each Certificate in respect of each Interest Payment Date by credit or transfer to the Holder's account with the relevant Clearing System or in the case of Private Placement Definitive Certificates, the office of the Definitive Security Agent, as the case may be, for value on the relevant Interest Payment Date, such payment to be made in accordance with the rules of such Clearing System or the Definitive Security Agent, as the case may be.

Except in the case of CREST Dematerialised Certificates, Registered Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Certificates, Finnish Dematerialised Certificates, Norwegian Dematerialised Certificates and Polish Dematerialised Certificates, the Issuer or the Guarantor will be discharged by payment to, or to the order of, the relevant Clearing System or the Definitive Security Agent, as the case may be, or, as the case may be, the relevant Account Holder, in respect of the amount so paid. Each of the persons shown in the records of the relevant Clearing System or the Definitive Security Agent, as the case may be, or whose name appears in the account of the relevant Account Holder (in the case of Euroclear France Certificates) as the holder of a particular amount of the Certificates must look solely to the relevant Clearing System or the Definitive Security Agent, as the case may be, or, as the case may be, the relevant Account Holder for his share of each such payment so made to, or to the order of, such Clearing System or the Definitive Security Agent, as the case may be or Account Holder.

In the case of OET Certificates, the Issuer shall confirm to the Principal Security Agent and to the relevant Account Holders (in the case of OET Certificates held through Euroclear France) or Euroclear and Clearstream, Luxembourg (in the case of OET Certificates held through Euroclear or Clearstream, Luxembourg), the Cash Settlement Amount to be paid in respect of each OET Certificate.

In the case of Private Placement Definitive Certificates only, if a Holder has given wire transfer instructions to the Issuer and Definitive Security Agent, the Issuer will make all payments in accordance with those instructions.

In the case of CREST Dematerialised Certificates and subject as provided below, the Euroclear Registrar shall pay or cause to be paid the Cash Settlement Amount (if any), the relevant amount (if any) payable under the Credit Security Conditions, Instalment Amount (if any), the Security Realised Amount, Shortfall, and the Interest Amount (if any) in respect of CREST Dematerialised Certificates to the relevant Holder's cash account (as shown in the records of the Operator), such payment to be made in accordance with the rules of the Operator. Payments in respect of CREST Dematerialised Securities will be discharged by payment (as shown in the records of the Operator) to the cash account of the relevant Holder.

In the case of Registered Certificates, the Issuer shall pay or cause to be paid the Cash Settlement Amount or the relevant (if any) amount payable under the Credit Security Conditions (or in the case of Instalment Amount, each Instalment Amount) or Security Realised Amount and an amount equal to the Shortfall (if any) in respect of each Registered Certificate (whether or not in global form) against presentation and surrender (or, in the case of part payment of any sum due, endorsement) of the Registered Certificate at the specified office of the Registrar or any of the Security Agents by transfer to the Designated Account

### ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

(as defined below) of the holder (or the first named of joint holders) of the Registered Certificate appearing in the Register (i) where in global form, at the close of the business day (being for this purpose a day on which Euroclear, Clearstream, Luxembourg and/or any other relevant Clearing System are open for business) before the relevant due date, and (ii) where in definitive form, at the close of business on the third business day (being for this purpose a day on which banks are open for business in the city where the specified office of the Registrar is located) before the relevant due date (the "**Record Date**"). Notwithstanding the previous sentence, if (i) a holder does not have a Designated Account or (ii) the amount of the Certificates held by a holder is less than U.S.\$250,000 (or integral multiples of U.S.\$1,000 in excess thereof) (or its approximate equivalent in any other Settlement Currency), payment will instead be made by a cheque in the Settlement Currency drawn on a Designated Bank (as defined below). For these purposes, "**Designated Account**" means the account maintained by a holder with a Designated Bank and identified as such in the Register and "**Designated Bank**" means (in the case of payment in a Settlement Currency other than euro) a bank in the principal financial centre of the country of such Settlement Currency and (in the case of a payment in euro) any bank which processes payments in euro. Payment of any Shortfall by the Guarantor (if any) shall be made in the same manner as the Security Realised Amount is paid by, or on behalf of, the Issuer.

In the case of Registered Certificates and where the Certificates pay interest, the Issuer shall pay or cause to be paid the Interest Amount (other than the final Interest Amount) in respect of each Registered Certificate (whether or not in global form) by a cheque in the Settlement Currency drawn on a Designated Bank and mailed by uninsured mail on the business day in the city where the specified office of the Registrar is located immediately preceding the relevant due date to the holder (or the first named of joint holders) of the Registered Certificate appearing in the Register (i) where in global form, at the close of the business day (being for this purpose a day on which Euroclear, Clearstream, Luxembourg and/or any other relevant Clearing System are open for business) before the relevant due date, and (ii) where in definitive form, at the close of business on the fifteenth day (whether or not such fifteenth day is a business day) before the Record Date at his address shown in the Register on the Record Date and at his risk. Upon application of the holder to the specified office of the Registrar not less than three business days in the city where the specified office of the Registrar is located before the due date for any payment of interest in respect of a Registered Certificate, the payment may be made by transfer on the due date in the manner provided in the preceding paragraph. Any such application for transfer shall be deemed to relate to all future payments of interest (other than interest due on redemption) in respect of the Registered Certificates which become payable to the holder who has made the initial application until such time as the Registrar is notified in writing to the contrary by such holder. Payment of the Interest Amount due in respect of each Registered Certificate on redemption will be made in the same manner as payment of the Cash Settlement Amount of such Registered Certificate.

Holders of Registered Certificates will not be entitled to any interest or other payment for any delay in receiving any amount due in respect of any Registered Certificate as a result of a cheque posted in accordance with this Condition arriving after the due date for payment or being lost in the post. No commissions or expenses shall be charged to such holders by the Registrar/relevant Security Agent in respect of any payments of principal or interest in respect of the Registered Certificates.

None of the Issuer, the Guarantor (if applicable), the Collateral Agent or any of the Security Agents will have any responsibility or liability for any aspect of the records relating to, or payments made on account of, beneficial ownership interests in the Registered Global Certificates or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests.

A record of each payment made on such Registered Global Certificate, distinguishing between any payment of the Cash Settlement Amount and any Interest Amount, will be made on such Registered

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Global Certificate by the Registrar to which such Registered Global Certificate is presented for the purpose of making such payment, and such record shall be *prima facie* evidence that the payment in question has been made.

The holder of the relevant Registered Global Certificate shall be the only person entitled to receive payments in respect of Registered Certificates represented by such Registered Global Certificate and the payment obligations of the Issuer or the Guarantor (if any) will be discharged by payment to, or to the order of, the holder of such Registered Global Certificate in respect of each amount so paid. Each of the persons shown in the records of Euroclear and/or Clearstream, Luxembourg and/or any other relevant Clearing System, as the case may be, as the holder of a particular amount of Certificates must look solely to Euroclear and/or Clearstream, Luxembourg and/or any other relevant Clearing System, as the case may be, for his share of each payment so made by the Issuer to, or to the order of, the holder of the relevant Registered Global Certificate. No person other than the holder of the relevant Registered Global Certificate shall have any claim against the Issuer or the Guarantor (if any) in respect of any payments due on that Registered Global Certificate.

In the case of Swedish Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant amount (if any) payable under the Credit Security Conditions, Security Realised Amount, Shortfall and Interest Amount (if any) will be made to persons registered as Holders in the register maintained by Euroclear Sweden, in the case of Swedish Dematerialised Certificates issued in nominal amounts, on the fifth Business Day, or in the case of Swedish Dematerialised Certificates issued in units, the fourth Business Day immediately prior to the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment Date, as the case may be (the "**Payment Date**") or the date on which the Enforcement Event occurred (the "**Swedish Record Date**"). The Swedish Security Agent will pay the relevant amount through Euroclear Sweden to each Holder appearing in the Euroclear Sweden Register on the Swedish Record Date on the Payment Date or on the relevant date on which the Security Realised Amount is paid in accordance with these Collateral Security Conditions.

In the case of Finnish Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant amount (if any) payable under the Credit Security Conditions, Security Realised Amount, Shortfall and Interest Amount (if any) will be made to persons registered as Holders in the register maintained by Euroclear Finland, in the case of Finnish Dematerialised Certificates, on the Business Day (the "**Finnish Record Date**") preceding the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment Date, as the case may be (the "**Finnish Payment Date**"). The Finnish Security Agent will pay the relevant amount to each Holder appearing in the Euroclear Finland Register on the Finnish Record Date, in the case of Finnish Dematerialised Certificates, on the Finnish Payment Date (being the first Business Day following the Finnish Record Date), or on the occurrence of an Enforcement Event, in accordance with the rules and regulations of Euroclear Finland. In the event of late payment not due to an event or circumstance mentioned below in this paragraph, penalty interest will be payable on the overdue amount from the due date for payment thereof up to and including the date on which payment is made at an interest rate corresponding to, in the case of Helsinki Business Day, EURIBOR (or any other interbank offered rate applicable in Helsinki) increased by one percentage point. Interest will not be capitalized. Where the Issuer, the Guarantor, if any, or any Security Agent, due to any legal enactment (domestic or foreign), the intervention of a public authority (domestic or foreign), an act of war, strike, blockade, boycott, lockout or any other similar event or circumstance, is prevented from effecting payment, such payment may be postponed until the time the event or circumstance impeding payment has ceased, with no obligation to pay penalty interest. The provisions in this paragraph shall apply to the extent that nothing to the contrary follows from applicable provisions specified in the applicable Final Terms, or

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

from the provisions of Regulation (EU) No 909/2014, the Finnish Act on the Book-Entry System and Clearing (*Fin. laki arvo-osuusjärjestelmästä ja selvitystoiminnasta* (348/2017)) and the Finnish Act on Book-Entry Accounts (*Fin. laki arvo-osuustileistä* (827/1991)) or the rules and regulations of Euroclear Finland.

In the case of Danish Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant amount (if any) payable under the Credit Security Conditions, Security Realised Amount, Shortfall and Interest Amount (if any) will be made to persons registered as Holders in the register maintained by VP Denmark, in the case of Danish Dematerialised Certificates issued in nominal amounts, on the fifth Business Day, or in the case of Danish Dematerialised Certificates issued in units, the fourth Business Day immediately prior to the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment, as the case may be (the "**Danish Payment Date**") or the date on which the Enforcement Event occurred (the "**Danish Record Date**"). The Danish Security Agent will pay the relevant amount through VP Denmark to each Holder appearing in the VP Denmark Register on the Danish Record Date on the Danish Payment Date or on the relevant date on which the Security Realised Amount is paid in accordance with these Collateral Security Conditions.

In the case of Norwegian Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant amount (if any) payable under the Credit Security Conditions, Security Realised Amount, Shortfall and Interest Amount (if any) will be made to the persons registered as Holders in the register maintained by VPS Norway, in the case of Norwegian Dematerialised Certificates issued in nominal amounts, on the second Business Day, or in the case of Norwegian Dematerialised Certificates issued in units, the second Business Day, immediately prior to the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment Date, as the case may be (the "**Payment Date**") or the date on which the Enforcement Event occurred (the "**Norwegian Record Date**"). The Norwegian Security Agent will pay the relevant amount through VPS Norway to each Holder appearing in the VPS Norway Register on the Norwegian Record Date on the Payment Date or on the relevant date on which the Security Realised Amount is paid in accordance with these Collateral Security Conditions.

In the case of Polish Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant amount (if any) payable under the Credit Security Conditions, Security Realised Amount, Shortfall and Interest Amount (if any) will be made by the Issuer to an account with KDPW Poland, in the case of Polish Dematerialised Certificates issued in nominal amounts, on the first Business Day, or in the case of Polish Dematerialised Certificates issued in units, the first Business Day, immediately prior to the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment Date, as the case may be (the "**Payment Date**") or the date on which the Enforcement Event occurred. On the Payment Date, KDPW Poland will pay the relevant amount received from the Issuer to the account of the Polish Security Agent or other members of the KDPW Poland System where Polish Dematerialised Certificates are registered. The Polish Security Agent or other members of the KDPW Poland System referred to above will thereafter make the relevant payments to the relevant accounts of Holders of the Polish Dematerialised Certificates.

If the determination of any amount in respect of interest or premium amount due in respect of the Certificates on an Interest Payment Date or Premium Amount Payment Date (such date a "**Scheduled Payment Date**") is calculated by reference to the valuation of one or more Underlying Reference(s) and the date (or final date, as the case may be) for such valuation is postponed or delayed as provided in the Terms and Conditions to a date (such date the "**Delayed Date**") falling less than two Business Days



## **ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES**

preceding such Scheduled Payment Date, notwithstanding any provision to the contrary in the Terms and Conditions such Interest Payment Date or Premium Amount Payment Date, as the case may be, shall be postponed to the day falling two Business Days following such Delayed Date and no interest, premium or other amount shall be payable on the Certificates in respect of such delay.

Payments will be subject in all cases to any fiscal or other laws and regulations applicable thereto in the place of payment or other laws and regulations to which the relevant Issuer, the Guarantor (if applicable), the relevant Security Agent and the Registrar (in the case of Registered Securities) are subject.

### **12. Recognition of Bail-in and Loss Absorption**

Security Conditions 37.1 to 37.8 (inclusive) shall not apply to the Certificates, provided that Security Conditions 37.1 to 37.8 (inclusive) shall apply to the Guarantee applicable to Secured Securities.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

### Part B

This Part B shall only apply if the Final Terms of the Securities specify that Part B of Annex 13 applies. Where this Part B applies, for the avoidance of doubt, the terms of Part A of Annex 13, Part C of Annex 13 and Part D of Annex 13 shall not apply to the Securities.

#### 1. Definitions

**"Additional Security Document"** means any security document which is entered into by the Issuer in respect of a Collateral Pool in addition to a Pledge Agreement;

**"Aggregate Cash Settled Final Security Value"** means, in respect of a Collateral Pool, the sum of the Aggregate Final Security Values of each series of Secured Securities secured by such Collateral Pool to which Collateral Cash Settlement is applicable;

**"Aggregate Collateral Proceeds Share"** means, in respect of a series of Secured Securities, the product of the Collateral Percentage applicable to such series of Secured Securities and the Realisation Amount in respect of the Collateral Pool which secures such series of Secured Securities;

**"Aggregate Delivery Share"** means, in respect of a series of Secured Securities, the product of the Collateral Percentage applicable to such series of Secured Securities and the Collateral Assets Value in respect of the Collateral Pool which secures such series of Secured Securities;

**"Aggregate Final Security Value"** means, in respect of a series of Securities, the aggregate of the Final Security Values of each Secured Security in such series of Secured Securities;

**"Aggregate Physically Settled Final Security Value"** means, in respect of a Collateral Pool, the Aggregate Final Security Values of each series of Secured Securities secured by such Collateral Pool to which Physical Delivery of Collateral is applicable;

**"Alternative Security Document"** means any security document which is entered into by the Issuer in respect of a Collateral Pool as an alternative to a Pledge Agreement;

**"BNPP Holding"** means, at any time, in respect of a series of Secured Securities, the number of Secured Securities held by the Issuer and/or any Affiliate(s) of the Issuer;

**"Cash Portion Percentage"** means in respect of a Collateral Pool, the amount (expressed as a percentage) equal to the Aggregate Cash Settled Final Security Value applicable to such Collateral Pool divided by Pool Aggregate Final Security Value;

**"Cash Settled Portion"** means an amount equal to the product of the Cash Portion Percentage and the Collateral Assets Value;

**"Cash Settled Portion Assets"** means Collateral Assets in a nominal amount equal to the Cash Settled Portion (where Nominal Value Collateralisation or Partial Nominal Value Collateralisation is applicable) or with a marked to market value equal to the Cash Settled Portion (where MTM Collateralisation or Partial MTM Collateralisation is applicable);

**"Collateral Account"** has the meaning given to it in Collateral Security Condition 3.2;

**"Collateral Agent"** means BNP Paribas Trust Corporation UK Limited, or such other entity as is specified in the applicable Final Terms, and, if applicable, any sub-agent of, or any other entity appointed by the Collateral Agent;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Collateral Asset Linked Security"** means a Certificate in respect of which the Final Terms specify that Collateral Security Condition 9 will apply;

**"Collateral Assets"** means any Eligible Collateral, including any Initial Collateral Assets specified in the applicable Final Terms (if any) and any Eligible Collateral delivered to the Collateral Custodian as additional or alternative Collateral Assets, together with, in each case, any accrued interest, redemption proceeds, income or other assets derived from such Eligible Collateral to the extent held in the relevant Collateral Account but shall not include any Collateral Assets which have been withdrawn from a Collateral Account in accordance with the relevant Pledge Agreement and the Agency Agreement;

**"Collateral Assets Value"** means, in respect of a Collateral Pool, (i) an amount equal to the aggregate nominal amount of Collateral Assets held by the Issuer in the Collateral Account in respect of such Collateral Pool where Nominal Value Collateralisation and/or Partial Nominal Value Collateralisation are applicable to each series of Secured Securities secured by the relevant Collateral Pool or (ii) an amount equal to the aggregate marked to market value (as determined by the Collateral Agent) of the Collateral Assets held by the Issuer in the Collateral Account in respect of such Collateral Pool, where MTM Collateralisation and/or Partial MTM Collateralisation are applicable to each series of the Secured Securities secured by the relevant Collateral Pool;

**"Collateral Calculation Agent"** means BNP Paribas Arbitrage S.N.C. or such other entity specified in the applicable Final Terms;

**"Collateral Cash Settlement"** means, following the occurrence of an Enforcement Event, realisation of all or certain of the Collateral Assets is to take place in accordance with Collateral Security Condition 3.3 and Collateral Cash Settlement shall apply to each series of Secured Securities where the Final Terms provide that it shall apply;

**"Collateral Custodian"** means BNP Paribas Securities Services, Luxembourg Branch (or, from and including the Merger Date, BNP Paribas, Succursale de Luxembourg) and/or such other entity as is specified in the applicable Final Terms, and, if applicable, any sub-custodian of, or any other entity appointed by the Collateral Custodian;

**"Collateral Delivery Date"** means, in respect of a Collateral Pool, the date scheduled by the Collateral Agent to be the date on which the Collateral Agent intends to deliver the Collateral Assets in such Collateral Pool to Holders in accordance with Collateral Security Condition 3.7;

**"Collateral Delivery Rounding Amount"** has the meaning given to it in Collateral Security Condition 3.6;

**"Collateral Early Settlement Amount"** has the meaning given to it in Collateral Security Condition 7.3;

**"Collateral Enforcement Proceeds"** means the net proceeds of realisation of, or enforcement with respect to, the Collateral Assets in a Collateral Pool following payment of all Enforcement Expenses;

**"Collateral Percentage"** means, in respect of a series of Secured Securities, the amount (expressed as a percentage) equal to the Aggregate Final Security Value applicable to such series of Secured Securities divided by the Pool Aggregate Final Security Value applicable to the Collateral Pool which secures such series of Secured Securities;

**"Collateral Pool"** means a pool of Collateral Assets (including a cash deposit) held in a Collateral Account which secure one or more series of Secured Securities as specified in the applicable Final Terms;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Collateral Proceeds Share"** means, in respect of a series of Secured Securities, the pro rata share of a Secured Security within such series in the Aggregate Collateral Proceeds Share applicable to such series of Secured Securities;

**"Collateral Settlement Disruption Event"** means due to an event beyond the control of the Collateral Agent, the Collateral Agent determines it is impossible or illegal for the Collateral Agent to deliver the relevant Entitlement to a Holder on the related Collateral Delivery Date due to failure of the relevant clearance system or due to any law, regulation, court order or market conditions;

**"Collateral Security Credit Certificate"** means a Certificate in respect of which the Final Terms specify that Collateral Security Condition 8 will apply;

**"Collateral Split Rounding Amount"** has the meaning given to it in Collateral Security Condition 3.8;

**"Collateral Valuation Date"** means a date on which the Collateral Calculation Agent determines the marked to market value of the Collateral Assets in the relevant Collateral Pool and, if MTM Collateralisation or Partial MTM Collateralisation is specified in the applicable Final Terms, the marked to market value of the relevant Secured Securities, on such periodic basis as is specified in the applicable Final Terms;

**"Collateral Value"** means the Cash Collateral Value or the Securities Collateral Value, as the case may be;

**"Collective Investment Scheme"** means any scheme or arrangement made or offered by any company, under which the contributions or payments made by investors are pooled and utilised with a view to receiving profits, income, property or other benefit and managed on behalf of investors;

**"Delivery Share"** means, in respect of a series of Secured Securities, the pro rata share of a Secured Security within such series in the Aggregate Delivery Share applicable to such series of Secured Securities;

**"Default Notification"** means the delivery of a written notice by a Holder to each of the Issuer, the Principal Security Agent, the Collateral Agent, the Swap Counterparty (if any) and the Repo Counterparty (if any) specifying that an Event of Default has occurred in accordance with Collateral Security Condition 6.1;

**"Dispute Period"** means the period commencing on the day on which the Collateral Agent receives a Default Notification and ending at 5:00 pm (Paris time) on the fifth Business Day following such receipt;

**"Eligible Collateral"** means assets which may comprise a cash deposit, bonds or notes listed on a regulated market, shares listed on a regulated market, shares, units or other interests in a Collective Investment Scheme and/or other assets of the type or types specified as such in the applicable Final Terms and which are specified in the applicable Final Terms to be Eligible Collateral for the relevant Collateral Pool;

**"Enforcement Event"** means the delivery of an Enforcement Notice by the Collateral Agent to each of the Issuer, the Principal Security Agent, the Collateral Custodian, the Swap Counterparty (if any) and Repo Counterparty (if any);

**"Enforcement Expenses"** means all amounts due to the Collateral Agent and/or any appointee or agent thereof, including any costs, expenses and taxes incurred in connection with the realisation of, or enforcement with respect to the Collateral Assets in a Collateral Pool and distribution of such proceeds

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

and/or, where applicable, delivery of Collateral Assets to the Holders of the related Secured Securities and any other unpaid amounts payable to the Collateral Agent by the Issuer under the Agency Agreement;

**"Enforcement Notice"** means a notice specifying that a Default Notification has been received from a Holder and no Event Dispute Notice has been received from the Issuer within the Dispute Period with respect to such Default Notification and that, as a result, the Secured Securities are immediately due and payable;

**"Event Dispute Notice"** means a notice from the Issuer to the Collateral Agent following receipt of a Default Notification specifying that the Issuer reasonably believes that the Event(s) of Default which are the subject of such Default Notification have not occurred, together with reasonable evidence supporting the Issuer's belief (including a description in reasonable detail of the facts relevant to the determination that an Event of Default has not occurred);

**"Final Security Value"** means, in respect of a Secured Security (a) if MTM Collateralisation is specified as applicable in the Final Terms relating thereto, the marked to market value of the relevant Secured Security, as determined for the purposes of Collateral Security Condition 3.2 as at the Collateral Valuation Date for the relevant Collateral Pool immediately prior to the occurrence of the Enforcement Event, (b) if Partial MTM Collateralisation is specified as applicable in the Final Terms relating thereto, the product of (i) the marked to market value of the relevant Secured Security, as determined for the purposes of Collateral Security Condition 3.2 as at the Collateral Valuation Date for the relevant Collateral Pool immediately prior to the occurrence of the Enforcement Event and (ii) the Partial Collateralisation Level applicable to the relevant series of Secured Securities, (c) if Nominal Value Collateralisation is specified as applicable in the Final Terms relating thereto, the relevant Secured Security's nominal value or (d) if Partial Nominal Value Collateralisation is specified as applicable in the applicable Final Terms relating thereto, the product of (i) the nominal value of such Secured Security and (ii) the Partial Collateralisation Level applicable to the relevant series of Secured Securities;

**"Haircut"** means a percentage by which the market value of a Collateral Asset is discounted to mitigate possible depreciation in the value of the relevant Collateral Asset in the period between the last valuation of such Collateral Asset and the realisation of such Collateral Asset.

**"Initial Collateral Assets"** has the meaning given to it in the applicable Final Terms;

**"Issuer"** means BNPP B.V.;

**"Limited Diversification"** means, where specified to be applicable in the applicable Final Terms, that the Collateral Assets within the relevant Collateral Pool are not diversified;

**"MTM Value"** means, in respect of a Secured Security, the marked to market value of such Secured Security (taking into account all factors which the Collateral Agent determines relevant) immediately prior to the occurrence of an Enforcement Event, provided that no account shall be taken of the financial condition of (i) the Issuer which shall be deemed to be able to perform fully its obligations in respect of the Secured Securities or (ii) the Guarantor which shall be deemed to be able to perform fully its obligations in respect of the Guarantee and provided further that where the relevant Secured Security is one to which Cash Settlement is applicable and is a Secured Security in respect of which the Relevant Settlement Date is due to occur on or prior to the date on which the Enforcement Event occurred, the marked to market value of the Secured Security, for the purpose of determining such amount, may not be less than the Relevant Settlement Amount payable in respect thereof;

**"nominal value"** means, in respect of any Secured Security, the Notional Amount of such Secured Security or, where such Secured Security is a Debt Security, its Nominal Amount;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Partial Collateralisation Level"** means the percentage specified as such in the applicable Final Terms;

**"Partial Nominal Amount"** means, in respect of a Secured Security, the product of (i) the nominal value of such Secured Security and (ii) the Partial Collateralisation Level applicable to the relevant series of Secured Securities;

**"Physical Delivery of Collateral"** means, following the occurrence of an Enforcement Event, Collateral Assets are to be delivered to the Holders of Secured Securities in accordance with Collateral Security Condition 3.6 and shall only apply to a series of Secured Securities where "Physical Delivery of Collateral" is specified as applicable in the applicable Final Terms;

**"Physical Portion Assets"** means Collateral Assets in a nominal amount equal to the Physically Settled Portion (where Nominal Value Collateralisation or Partial Nominal Value Collateralisation is applicable) or with a marked to market value equal to the Physically Settled Portion (where MTM Collateralisation or Partial MTM Collateralisation is applicable);

**"Physical Portion Percentage"** means, in respect of a Collateral Pool, the amount expressed as a percentage, equal to the Aggregate Physically Settled Final Security Value applicable to such Collateral Pool divided by the Pool Aggregate Final Security Value;

**"Physically Settled Portion"** means an amount equal to the product of the Physical Portion Percentage and the Collateral Asset Value;

**"Placed Secured Securities"** means, at any time, the number of Secured Securities outstanding less the number of any Secured Securities which form part of the BNPP Holding at such time;

**"Pledge"** means the Security Interests created, or intended to be created at any time in favour of the Collateral Agent on behalf of the relevant Holders under the Pledge Agreement relating to a Collateral Pool;

**"Pledge Agreement"** is as defined in Collateral Security Condition 3.2;

**"Pool Aggregate Final Security Value"** means, in respect of a Collateral Pool, the aggregate of the Final Security Values of each Secured Security which is secured by such Collateral Pool;

**"Priority of Payments"** means, in respect of a series of Secured Securities and if specified as applicable in the Final Terms relating thereto, the order of priority in which payments will be made using the Collateral Enforcement Proceeds in respect of such series of Secured Securities, as set out in the applicable Final Terms;

**"Realisation Amount"** means the net proceeds of realisation of, or enforcement with respect to, the Collateral Assets in a Collateral Pool following payment of all Enforcement Expenses and, where applicable, following payment of any amount which is payable in priority to amounts due in respect of the Secured Securities which are secured by such Collateral Pool in accordance with the Priority of Payments;

**"Relevant Settlement Amount"** means Cash Settlement Amount, Optional Redemption Amount, Collateral Early Settlement Amount or the relevant redemption amount payable under the Credit Securities, as the case may be;

**"Relevant Settlement Date"** means Cash Settlement Date, Optional Redemption Date or Settlement Date, as the case may be;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Repayable Assets"** has the meaning given to it in Collateral Security Condition 7.2;

**"Rounding Amount"** means the aggregate of the Collateral Delivery Rounding Amount and the Collateral Split Rounding Amount payable to a Holder in respect of a Secured Security;

**"Securities Collateral Value"** has the meaning given to it in Collateral Security Condition 3.2;

**"Securities Value"** means an amount equal to the sum of, in respect of each series of Secured Securities secured by the same Collateral Pool, (i) the marked to market value of the Secured Securities where MTM Collateralisation is specified in the applicable Final Terms as applicable to such series of Secured Securities, (ii) the product of (A) the marked to market value of the Secured Securities and (B) the relevant Partial Collateralisation Level where Partial MTM Collateralisation is specified in the applicable Final Terms as applicable to such series of Secured Securities, (iii) the aggregate nominal value of the Secured Securities if such Secured Securities are Certificates and where Nominal Value Collateralisation is specified in the applicable Final Terms as applicable to such series of Secured Securities or (iv) the product of (A) the aggregate nominal value of the Secured Securities and (B) the relevant Partial Collateralisation Level if such Secured Securities are Certificates and where Partial Nominal Value Collateralisation is specified in the applicable Final Terms as applicable to such series of Secured Securities, provided that any Secured Securities which are, on the relevant Collateral Valuation Date, beneficially owned by BNPP B.V. or any of its Affiliates shall be disregarded as if they did not exist for the purposes of determining such amount;

**"Security Interests"** means any pledge, other encumbrance or security interest created under a Pledge Agreement;

**"Security Realised Amount"** is as defined in Collateral Security Condition 3.5;

**"Security Termination Amount"** means, in respect of a Secured Security, an amount determined by the Collateral Agent equal to:

- (a) if Security Value Termination Amount is specified in the applicable Final Terms, the MTM Value of such Secured Security;
- (b) if Security Value Realisation Proceeds is specified in the applicable Final Terms, such Secured Security's pro rata share of the Realisation Amount subject to a maximum amount equal to the MTM Value of such Secured Security;
- (c) if Nominal Value Realisation Proceeds is specified in the applicable Final Terms and such Secured Security is a Certificate, the Secured Security's pro rata share of the Realisation Amount subject to a maximum amount equal to the nominal value of such Secured Security;
- (d) if Partial Nominal Value Realisation Proceeds is specified in the applicable Final Terms and such Secured Security is a Certificate, the Secured Security's pro rata share of the Realisation Amount subject to a maximum amount equal to the product of (i) the nominal value of such Secured Security and (ii) the Partial Collateralisation Level applicable to the relevant series of Secured Securities;
- (e) if Nominal Value Amount is specified in the applicable Final Terms and such Secured Security is a Certificate, the nominal value of such Secured Security;
- (f) if Shortfall Value Amount is specified in the applicable Final Terms and such Secured Security is a Certificate, the sum of (i) the lower of (A) such Secured Security's pro rata share of the Realisation Amount and (B) the product of (I) the nominal value of such Secured Security and

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

(II) the Partial Collateralisation Level applicable to the relevant series of Secured Securities and  
(ii) an amount, subject to a minimum of zero, equal to the MTM Value of such Secured Security less the Partial Nominal Amount; or

(g) the amount specified as such in the Final Terms applicable to such Secured Security;

"**Shortfall**" is as defined in Collateral Security Condition 3.5; and

"**Undeliverable Collateral Assets**" means Collateral Assets which the Collateral Agent is unable to deliver in accordance with Collateral Security Condition 3.6 due to the occurrence of a Collateral Settlement Disruption Event.

### 2. General

#### 2.1 Collateral Calculation Agent

BNP Paribas Arbitrage S.N.C. shall undertake the duties of Collateral Calculation Agent in respect of the Secured Securities as set out below and in the applicable Final Terms unless another entity is so specified as collateral calculation agent in the applicable Final Terms. The expression "Collateral Calculation Agent" shall, in relation to the relevant Secured Securities, include such other specified collateral calculation agent.

#### 2.2 Collateral Agent

BNP Paribas Trust Corporation UK Limited shall undertake the duties of Collateral Agent in respect of the Secured Securities as set out below and in the applicable Final Terms unless another entity is so specified as collateral agent in the applicable Final Terms. The expression "Collateral Agent" shall, in relation to the relevant Secured Securities, include such other specified collateral agent.

#### 2.3 Pledge Agreement

The Pledge Agreement will, unless otherwise specified in the applicable Final Terms, be governed by Luxembourg law and Security Conditions 14.1 and 14.2 shall be construed accordingly. Any Alternative Security Document or Additional Security Document will be governed by the law specified in the applicable Final Terms.

### 3. Status of the Secured Securities, Security and Guarantee

#### 3.1 Status

The first paragraph of Security Condition 3 shall not apply to the Secured Securities. The Secured Securities are unsubordinated and secured obligations of the Issuer and rank pari passu among themselves.

#### 3.2 Security

The obligations of the Issuer in respect of the Secured Securities will be secured by one or more pledge agreements between the Issuer and the Collateral Agent (each a "**Pledge Agreement**") pursuant to which the Issuer will grant a first ranking security interest in favour of the Collateral Agent, for itself and on behalf of the Holders of the Secured Securities which are to be secured by the relevant Collateral Pool, over all the Issuer's rights in, and, to the Collateral Assets delivered to each of the Collateral Custodians appointed in respect of the relevant Collateral Pool and held from time to time in the relevant account(s) established with the Collateral Custodian(s) for such purpose (such account(s), the "**Collateral Account**"). The Issuer will not deliver Eligible Collateral to the Collateral Account in connection with



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Secured Securities in respect of which the Issuer or any of its Affiliates are the beneficial owner. In addition to, or as an alternative to, a Pledge Agreement, the Issuer may also enter into an Additional Security Document or Alternative Security Document in respect of a Collateral Pool as specified in the applicable Final Terms in order to secure its obligations in respect of the Secured Securities and references in Collateral Security Condition 1 and hereinafter to "Pledge Agreement" and "Pledges" shall be construed as if they also refer to such Alternative Security Documents and/or Additional Security Documents. Unless the applicable Final Terms specify that there is no Collateral Calculation Agent and/or no Collateral Valuation Dates in respect of a series of Secured Securities and related Collateral Pool:

- (a) where the Collateral Assets are securities, the Issuer will transfer Collateral Assets to and from the Collateral Account (based on the most recent valuation provided by the Collateral Calculation Agent in respect of a Collateral Valuation Date) so that it will hold, in respect of a Collateral Pool, Collateral Assets with an aggregate marked to market value (as determined by the Collateral Calculation Agent and which will take into account a Haircut if "Haircut" is specified as applicable in the applicable Final Terms) (the "**Securities Collateral Value**") at least equal to the Securities Value (as determined in respect of such Collateral Valuation Date) applicable to the relevant Collateral Pool; and
- (b) where the Collateral Assets are a cash deposit or deposits, the Issuer will transfer Collateral Assets to and from the Collateral Account (based on the most recent valuation of the relevant series of Secured Securities provided by the Collateral Calculation Agent in respect of a Collateral Valuation Date) so that it will hold, in respect of a Collateral Pool, Collateral Assets in an amount (the "**Cash Collateral Value**") at least equal to the Securities Value (as determined in respect of such Collateral Valuation Date) applicable to the relevant Collateral Pool.

For the avoidance of doubt, where no Collateral Calculation Agent and/or no Collateral Valuation Dates are specified in the applicable Final Terms for a Collateral Pool, there will be no adjustment made by the Issuer to the amount of Collateral Assets held by the Issuer in the relevant Collateral Account and the Collateral Value and Securities Value will not be calculated on an ongoing basis during the terms of the relevant Secured Securities which are secured by the relevant Collateral Pool.

Where the Final Terms in respect of a series of Secured Securities specify that "Single Series Pool" will be applicable to the series of Secured Securities, such series of Secured Securities will be the only series of Secured Securities to be secured by the relevant Collateral Pool. Where the Final Terms specify that "Multiple Series Pool" will be applicable to the relevant series of Secured Securities, such series of Secured Securities may be secured by a Collateral Pool which secures more than one series of Secured Securities.

### 3.3 Realisation of Collateral Assets

If an Enforcement Event occurs, the Collateral Agent shall enforce the Pledge(s) and, unless Physical Delivery of Collateral is specified as applicable in the applicable Final Terms, realise the Collateral Assets in each Collateral Pool (and may appoint one or more agents to assist it to do so) provided that the Collateral Agent need not take such action if it reasonably believes that it would not be able to recover the costs or other liabilities which would be incurred in connection with such action from the relevant Collateral Assets or otherwise or would experience an unreasonable delay in doing so. The Collateral Agent will not have any liability as to the consequences of such action and will not have regard to the effect of such action on individual Holders. Any reference in Collateral Security Conditions 3.3-3.8 (inclusive), Collateral Security Condition 6 and Collateral Security Condition 7 to the Collateral Agent

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

shall also be deemed to be a reference to any agent which it appoints to assist it. Where the Collateral Agent is required to dispose of any Collateral Assets on behalf of the Issuer then:

- (a) the Collateral Agent shall seek firm bid quotations from at least three dealers in assets such as the relevant Collateral Assets (and, for such purpose, it may seek quotations in respect of such Collateral Assets in their entirety or in respect of designated tranches thereof, as it considers appropriate);
- (b) the Collateral Agent may itself provide a bid in respect of the relevant Collateral Assets or any tranche thereof; and
- (c) it shall and shall be authorised to accept in respect of each relevant tranche or, as applicable, the entirety of the relevant Collateral Assets the highest such quotation so obtained (which may be a quotation from the Collateral Agent).

Subject as may otherwise be provided for in these Collateral Security Conditions or the Final Terms, in effecting the sales, the Collateral Agent may sell the Collateral Assets in one single tranche or in smaller tranches as it considers appropriate in order to attempt reasonably to maximise the proceeds from such sale. The Collateral Agent may effect sales of the Collateral Assets (i) on any national securities exchange or quotation service on which the Collateral Assets may be listed or quoted, (ii) in the over-the-counter market or (iii) in transactions otherwise than on such exchanges or in the over-the-counter market. If (A) the Collateral Agent is unable to obtain any quotations for the sale of the Collateral Assets or (B) the Collateral Agent is offering to buy the Collateral Assets itself for its own account for a price equal to or higher than the best quotation from a third party, the Collateral Agent may effect sales of the Collateral Assets to itself.

### 3.4 Application of proceeds

Following payment of (a) all amounts due to the Collateral Agent and/or any agent appointed by it to assist in the enforcement of the Pledge(s) and realisation of the Collateral Assets, including any Enforcement Expenses and (b) any other amounts which are payable in accordance with, and in the order set out in, the applicable Priority of Payments (if any), the remaining proceeds from the realisation of the Collateral Assets in a Collateral Pool will be applied in meeting the claims of Holders under the Secured Securities which are secured by the relevant Collateral Pool on a pari passu basis where each Secured Security's share of such proceeds shall be determined on the basis of such Secured Security's Collateral Proceeds Share provided that a Holder shall not be entitled to receive an amount in respect of a Secured Security greater than the Security Termination Amount determined with respect to such Secured Security.

### 3.5 Shortfall

In the event that, following the application of the Collateral Enforcement Proceeds in accordance with Collateral Security Condition 3.4, the amount paid to a Holder in respect of a Secured Security held by him (a "Security Realised Amount") is less than the Security Termination Amount determined with respect to such Secured Security (the difference being referred to as a "**Shortfall**"), the Issuer shall remain liable for such Shortfall, but any such Holder shall not have recourse to any Collateral Pool other than the Collateral Pool applicable to that series of Secured Securities.

### 3.6 Physical Delivery of Collateral Assets

Where "Physical Delivery of Collateral" is specified in the applicable Final Terms, following enforcement of the Pledge(s), the Collateral Agent, will deliver the Collateral Assets in a Collateral Pool

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

to each Holder of a Secured Security secured by the relevant Collateral Pool in a nominal amount equal to the Delivery Share applicable to such Secured Security on a pari passu basis (where Nominal Value Collateralisation or Partial Nominal Value Collateralisation apply to the relevant Secured Securities) or with a marked to market value equal to the Delivery Share applicable to such Secured Security on a pari passu basis (where MTM Collateralisation or Partial MTM Collateralisation apply to the relevant Secured Securities). Delivery of such Collateral Assets and payment of any Rounding Amount will fully extinguish the Issuer's obligations in respect of the relevant Secured Securities notwithstanding that the value of the Collateral Assets (together with Rounding Amount) so delivered may be less than the market value and/or nominal value of the relevant Secured Security. The Shortfall and the Security Termination Amount in respect of each such Secured Security shall be equal to zero provided that, unless specified otherwise in the applicable Final Terms, where MTM Collateralisation, Partial MTM Collateralisation or Partial Nominal Value Collateralisation is applicable, a Shortfall shall be calculated in accordance with Collateral Security Condition 3.5 where, for such purpose, the Security Realised Amount will be equal to the sum of any Rounding Amount due to the Holder and the marked to market value of the Collateral Assets actually delivered to the Holder (on the basis of the marked to market values of the relevant Collateral Assets determined by the Collateral Agent, as of the relevant date of such delivery) and the Security Termination Amount will be as set out in the applicable Final Terms.

In connection with any such delivery in respect of Securities, such delivery shall be made in accordance with Security Conditions 30 and 35.2 and the Entitlement shall be deemed to be a Security's Delivery Share.

In connection with such delivery, (i) Security Condition shall not apply, (ii) for the purposes of Security Condition 11.1, Security Expenses shall be deemed to include any Enforcement Expenses which are incurred in delivery of the Collateral Assets in accordance with this Collateral Security Condition 3.6, (iii) the Collateral Agent shall be entitled to deduct from the assets deliverable to Holders all Security Expenses not previously deducted from amounts paid or assets delivered to Holders, as the Collateral Agent shall in its sole and absolute discretion determine are attributable to the relevant Secured Securities and (iv) any reference in the Security Conditions to "Relevant Assets" shall be deemed, in connection with a delivery of Collateral Assets in accordance with this Collateral Security Condition 3.6, to be a reference to "Collateral Assets".

The final sentence of the first paragraph of Security Condition 35.2(c) shall not apply and the Collateral Assets which it is not possible to deliver to a Holder due to such rounding shall, if and to the extent practicable, be sold by the Collateral Agent (or such other agent as may be appointed by the Collateral Agent for such purpose) in accordance with Collateral Security Condition 3.3 and a pro rata share of the resulting amount (the "**Collateral Delivery Rounding Amount**") shall be paid to each Holder whose Entitlement is subject to such rounding.

Where Physical Delivery of Collateral is applicable to any series of Secured Securities secured by a Collateral Pool either (A) MTM Collateralisation or Partial MTM Collateralisation must apply to each series of Secured Securities secured by the same Collateral Pool or (B) Nominal Value Collateralisation or Partial Nominal Value Collateralisation must apply to each series of Secured Securities secured by the same Collateral Pool.

### 3.7 Settlement Disruption

If, in the opinion of the Collateral Agent, delivery of the Entitlement following the occurrence of an Enforcement Event using the method of delivery specified in the applicable Final Terms, or such other commercially reasonable manner as the Collateral Agent has determined, is not practicable by reason of a Collateral Settlement Disruption Event (as defined above) having occurred and continuing on any

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Collateral Delivery Date then such Collateral Delivery Date, for such Secured Securities shall be postponed to the first following Business Day in respect of which there is no such Collateral Settlement Disruption Event, provided that the Collateral Agent may elect in its sole discretion to deliver the Entitlement in such other commercially reasonable manner as it may select and in such event the Collateral Delivery Date shall be such day as the Collateral Agent deems appropriate in connection with delivery of the Entitlement in such other commercially reasonable manner. For the avoidance of doubt, where a Collateral Settlement Disruption Event affects some but not all of the Collateral Assets comprising the Entitlement, the Collateral Delivery Date for the Collateral Assets not affected by the Collateral Settlement Disruption Event will be the originally designated Collateral Delivery Date.

If delivery of the relevant Entitlement is not possible due to the occurrence of a Collateral Settlement Disruption Event, for a period of greater than eight Business Days (or such other period specified in the Final Terms), then in lieu of physical settlement and notwithstanding any other provision hereof, the Collateral Agent shall sell or realise the Undeliverable Collateral Assets in the manner set out in Collateral Security Condition 3.3. The Collateral Agent shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 that a Collateral Settlement Disruption Event has occurred. No Holder shall be entitled to any payment in respect of the relevant Secured Security in the event of any delay in the delivery of the Entitlement due to the occurrence of a Collateral Settlement Disruption Event and no liability in respect thereof shall attach to the Issuer, the Guarantor or the Collateral Agent.

### 3.8 Cash Collateral Settlement and Physical Delivery of Collateral

Where both Physical Delivery of Collateral and Collateral Cash Settlement apply to different series of Secured Securities which are secured by the same Collateral Pool, following the occurrence of an Enforcement Event, the following provisions shall apply:

- (a) The Collateral Agent shall first value, or appoint an agent to undertake such valuation on its behalf, the Collateral Assets in the relevant Collateral Pool in order to determine the Collateral Assets Value.
- (b) The Collateral Agent shall determine the Aggregate Cash Settled Final Security Value and the Aggregate Physically Settled Final Security Value and then determine the Cash Settled Portion in respect of the Collateral Assets in the relevant Collateral Pool and the Physically Settled Portion in respect of the Collateral Assets in the relevant Collateral Pool.
- (c) (i) After determining the Collateral Assets Value in respect of the relevant Collateral Pool and calculating the amounts set out in Collateral Security Condition 3.8(b), the Collateral Agent shall determine which Collateral Assets are to be realised in accordance with Collateral Security Condition 3.3 and which Collateral Assets are to be delivered to Holders in accordance with Collateral Security Condition 3.6:
  - (A) (I) (in all circumstances other than where Collateral Security Condition 3.8(c)(B) applies) on the basis that the aggregate marked to market value of the Collateral Assets (as determined for the purposes of calculating the Collateral Assets Value) which are to be realised shall be equal to the amount of the Cash Settled Portion and (II) the aggregate marked to market value of the Collateral Assets (as determined for the purposes of calculating the Collateral Assets Value) which are to be delivered to Holders shall be equal to the amount of the Physically Settled Portion; or

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (B) on the basis that the aggregate nominal amount of the Collateral Assets which are to be realised in accordance with Collateral Security Condition 3.3 shall be equal to the amount of the Cash Settled Portion and the aggregate nominal amount of the Collateral Assets which are to be delivered to Holders in accordance with Collateral Security Condition 3.6 shall be equal to the amount of the Physically Settled Portion where Nominal Value Collateralisation or Partial Nominal Value Collateralisation apply to the Secured Securities in the relevant Collateral Pool and there are no Collateral Valuation Dates.
- (ii) In each case if the nominal amount of the Collateral Assets to be the subject of Collateral Cash Settlement or to be delivered in accordance with Physical Delivery of Collateral is not equal to an authorised denomination of the Collateral Assets (or an integral multiple thereof) then the nominal amount of each such Collateral Asset shall be rounded down to the nearest authorised denomination or multiple thereof or, if none, to zero. In such circumstances, the Collateral Assets which were not capable of being assigned as Cash Settled Portion Assets or as Physically Settled Portion Assets due to such rounding in each case shall, if and to the extent practicable, be sold by the Collateral Agent (or such other agent as may be appointed by the Collateral Agent for such purpose) in accordance with Collateral Security Condition 3.3. The resulting amount (the "**Collateral Split Rounding Amount**") shall be paid to the Holders on a pari passu basis where each Secured Security's share of such proceeds shall be determined on the basis of such Secured Security's Collateral Proceeds Share (in the case of Secured Securities to which Collateral Cash Settlement applies) where, for such purpose, the Realisation Amount will be deemed to be equal to such proceeds of sale from the relevant Collateral Assets subject to rounding (after deduction of costs or expenses incurred or relating to such sale) or on the basis of such Secured Security's Delivery Share (in the case of Secured Securities to which such Physical Delivery of Collateral applies) where, for such purpose, the Collateral Assets Value will be deemed to be equal to such proceeds of sale from the relevant Collateral Assets subject to rounding (after deduction of costs or expenses incurred or relating to such sale). For the avoidance of doubt, the Collateral Split Rounding Amount will be payable in addition to any Collateral Delivery Rounding Amount payable in accordance with Collateral Security Condition 3.6.
- (d) After the Collateral Agent determines the Collateral Assets to be realised in accordance with Collateral Security Condition 3.3, such Collateral Securities shall be realised in accordance with such Collateral Security Condition provided that references therein to "Collateral Assets" shall be deemed to be references to the Cash Settled Portion Assets only and not to all the Collateral Assets in the Collateral Pool.
- (e) After the Collateral Agent determines the Collateral Assets to be delivered in accordance with Collateral Security Condition 3.6, such Collateral Assets will be delivered to Holders in accordance with such Collateral Security Condition provided that references therein to "Collateral Assets" shall be deemed to be references to the Physically Settled Portion Assets only and not to all the Collateral Assets in the Collateral Pool.

### 3.9 No collateralisation of Secured Securities held by the Issuer or any of its Affiliates

The Issuer will not deliver Collateral Assets to the Collateral Account in respect of Secured Securities where the Issuer or any of its Affiliates are the beneficial owner of such Secured Securities. Following

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

an Enforcement Event, the Issuer will procure that it and/or the Affiliate of the Issuer that holds the Secured Securities will renounce and waive all rights (including as to payment) in respect of such Secured Securities and shall submit such Secured Securities for cancellation free of payment. Any amounts calculated for the purposes of Collateral Security Conditions 3.2 to 3.8 (inclusive) shall be calculated on the basis that any reference to Secured Securities shall be a reference to Placed Secured Securities only and the definitions in Collateral Security Condition 1 shall be interpreted accordingly.

### 3.10 Claim on Guarantor

In the event that the Issuer fails to make payment of the Shortfall, the Guarantor will on demand (without first requiring the Holder to take further steps against the Issuer or any other person) pay to each Holder in respect of each Secured Security held by him, an amount equal to the Shortfall in the currency in which the Shortfall is payable by the Issuer.

### 3.11 Status of Guarantee

The Guarantee is a senior preferred obligation (within the meaning of Article L.613-30-3-I-3° of the French *Code monétaire et financier*) and unsecured obligation of BNPP and will rank *pari passu* with all its other present and future senior preferred and unsecured obligations subject to such exceptions as may from time to time be mandatory under French law. Secured Securities in respect of which these Collateral Security Conditions are specified as applicable in the relevant Final Terms shall be deemed not to be "Securities" for the purposes only of the Deed of Guarantee for Unsecured Securities dated on or around 1 June 2022, or the French Law Guarantee for Unsecured Securities dated on or around 1 June 2022, entered into, in each case, by BNPP in respect of securities (other than Secured Securities) issued by the Issuer under its note, warrant and certificate programme.

## 4. Guarantee

Subject as provided below and in the relevant Guarantee, BNPP has unconditionally and irrevocably (a) guaranteed to each Holder that, if following the occurrence of an Enforcement Event and enforcement of the Pledge in respect of the relevant Collateral Pool, for any reason the Issuer does not pay the Security Termination Amount in respect of a Secured Security in full, BNPP will not later than five Paris Business Days (as defined in the relevant Guarantee) after a demand has been made on BNPP pursuant thereto (without requiring the relevant Holder first to take steps against the Issuer or any other person) pay an amount equal to the Shortfall in the currency in which such payment is due in immediately available funds as though BNPP were the principal obligor in respect of such obligation provided that BNPP shall not be obliged to make any payment under this Guarantee in respect of a Secured Security until the Collateral Assets in the Collateral Pool securing such Secured Security have been realised or liquidated in full and distributed in the manner set out in Collateral Security Condition 6.2.

## 5. Collateral Calculation Agent

In relation to each issue of Secured Securities, the Collateral Calculation Agent (whether it be BNP Paribas, BNP Paribas Arbitrage S.N.C. or another entity) acts solely as agent of the Issuer and the Guarantor, and does not assume any obligation or duty to, or any relationship of agency or trust for or with, the Holders. All calculations and determinations made in respect of the Secured Securities by the Collateral Calculation Agent shall (save in the case of manifest error) be final, conclusive and binding on the Issuer, the Guarantor, the Holders and the Collateral Agent. Because the Collateral Calculation Agent may be an Affiliate of the Issuer, potential conflicts of interest may exist between the Collateral Calculation Agent and the Holders, including with respect to certain determinations and judgments that the Collateral Calculation Agent must make.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

The Collateral Calculation Agent may, with the consent of the Issuer, delegate any of its obligations and functions to a third party as it deems appropriate.

### 6. Events of Default and Enforcement

#### 6.1 Events of Default

A Holder may deliver a Default Notification specifying that an Event of Default has occurred. If the Collateral Agent does not receive an Event Dispute Notice from the Issuer at or prior to the end of the Dispute Period, it shall deliver an Enforcement Notice to each of the Issuer, the Principal Security Agent, the Collateral Custodian, the Swap Counterparty (if any) and Repo Counterparty (if any) whereupon, each series of Secured Securities shall become immediately due and payable at their Security Termination Amount (save where Physical Delivery of Collateral is applicable in which case the Entitlement in respect of each such Secured Security shall be delivered on the relevant Collateral Delivery Date) without further action or formalities and the Security Interests granted under the Pledge Agreements shall become enforceable (as set out in the Pledge Agreements).

Any of the following events (each an "**Event of Default**") shall entitle a Holder to deliver a Default Notification:

- (a) the Issuer fails to pay any amount payable in respect of the Secured Securities or any of them when due and payable or fails to deliver the Entitlement when due and such default is not remedied within 30 days after the relevant due date; or
- (b) the Issuer or the Guarantor fails to perform or observe any of its other obligations under the Secured Securities and such default is not remedied within 45 days after notice of such default has been given to the Principal Security Agent by any Holder; or
- (c) BNPP applies for the appointment of an ad hoc representative (*mandataire ad hoc*) under French bankruptcy law, or enters into an amicable procedure (*procédure de conciliation*) with creditors or ceases its payments, or a judgment is issued for the judicial liquidation (*liquidation judiciaire*) of BNPP or for a transfer of the whole of its business (*cession totale de l'entreprise*); or
- (d) the Issuer is subject to proceedings similar to those set out in Collateral Security Condition 6.1(c), or, in the absence of legal proceedings, the Issuer or Guarantor makes a conveyance, assignment or other arrangement for the benefit of its creditors or enters into a composition with its creditors, or a resolution is passed by the Issuer or Guarantor for its winding-up or dissolution, except in connection with a merger or other reorganisation in which all of the Issuer's or the Guarantor's assets are transferred to, and all of the Issuer's or Guarantor's debts and liabilities (including the Secured Securities) are assumed by, another entity which continues the Issuer's or Guarantor's activities.

Any such Enforcement Notice shall be promptly given to the Holders in accordance with Security Condition 10.

#### 6.2 Enforcement

The Collateral Agent shall not be bound to take any action under or in connection with any of the Pledge Agreements (including without limitation enforcing the Pledge(s) upon the Pledge(s) becoming enforceable) (i) unless a Holder has given written notice to each of the Issuer, the Collateral Agent and the Principal Security Agent that an Event of Default has occurred, no Event Dispute Notice in respect of such Default Notification has been received by the Collateral Agent at or prior to the end of the Dispute

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Period and the Collateral Agent has, as a result, delivered an Enforcement Notice to each of the Issuer, the Principal Security Agent, the Collateral Custodian, the Swap Counterparty (if any) and Repo Counterparty (if any) with a copy delivered to the Holders or (ii) if the Collateral Agent reasonably believes that it (x) would not be able to recover its costs or other liabilities which would be incurred in connection with such action from the relevant Collateral Assets or otherwise or (y) would experience an unreasonable delay in doing so.

Upon the occurrence of an Enforcement Event in respect of any series of Secured Securities, the Collateral Agent shall enforce the Pledges in accordance with the Pledge Agreements. No Holder shall be entitled to enforce the Pledges or to proceed directly against the Issuer to enforce the other provisions of the Pledge Agreements unless the Collateral Agent, having become bound so to enforce or to proceed, fails so to do within a reasonable time and such failure is continuing or the Collateral Agent is prevented from doing so by any court order. In connection with the enforcement of the Pledges, and after the realisation and liquidation in full of all the Collateral Assets in a Collateral Pool and, where Physical Delivery of Collateral is not applicable, the Collateral Agent shall determine the Security Termination Amount (and, if applicable, any Shortfall) in respect of each Secured Security and shall notify such amounts to the Holders following such realisation and liquidation. Upon the occurrence of an Enforcement Event, the Collateral Calculation Agent shall provide details to the Collateral Agent of the valuation of the Collateral Assets and the Secured Securities (to the extent applicable) determined for the purposes of Collateral Security Condition 3.2 as at the immediately preceding Collateral Valuation Date (if any).

Where the Secured Securities become due and payable at their Security Termination Amount in accordance with Collateral Security Condition 6.1., no amounts other than the relevant Security Termination Amount will be payable in respect of each Secured Security.

Where Physical Delivery of Collateral and Nominal Value Collateralisation is applicable to a series of Secured Securities or there is recourse only to the proceeds of sale of the Collateral Assets, upon delivery of the relevant Collateral Assets (and payment of any Rounding Amount due in respect of such delivery) or payment of the proceeds of sale and any Rounding Amount, no further amount will be due to the Holders of such Secured Securities. In all other cases, in the event that the Realisation Amount is insufficient to pay the Security Termination Amount due to a Holder in full or the value of Collateral Assets delivered is less than the Security Termination Amount, the Issuer shall remain liable for the Shortfall and, in the event that the Issuer fails to make payment of the Shortfall as and when it becomes due, the Guarantor will be liable for such Shortfall pursuant to the terms of the relevant Guarantee applicable to such Secured Securities. No Holder shall be entitled to have recourse to the Collateral Assets contained in a Collateral Pool other than the Collateral Pool which relates to the Secured Securities it holds.

### 6.3 Redemption

Where Physical Delivery of Collateral is not applicable to a series of Secured Securities, following payment in full by the Issuer and/or the Guarantor of the Shortfall (if any) in respect of a Secured Security and/or payment to the Holder of a Secured Security of an amount in aggregate equal to the Security Termination Amount the relevant Secured Security shall be deemed to have been redeemed. Where Physical Delivery of Collateral is applicable to a series of Secured Securities, following or delivery to the Holder of a Secured Security of Collateral Assets in an amount equal to the relevant Delivery Share by the Collateral Agent (together with any Rounding Amount payable) and, where applicable, payment in full by the Issuer and/or the Guarantor of the Shortfall (if any) in respect of such Secured Security, the relevant Secured Security shall be deemed to have been redeemed.



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

### 7. Additional Disruption Events

7.1 The following changes will apply to Security Condition 15:

- (a) The definition of Additional Disruption Events in Security Condition 15.1 shall be deleted and replaced with the following:

**""Additional Disruption Event"** means each of Change of Law, Hedging Disruption, Increased Cost of Hedging, Collateral Disruption and Increased Cost of Collateral Assets;"

- (b) The following definitions shall be deemed to have been inserted in Security Condition 15.1 after the definition of a Cancellation Event and before the definition of Change in Law:

**""Collateral Asset Default"** means, in respect of a series of Secured Securities, any Collateral Asset in the Collateral Pool which secures such series of Secured Securities becomes due and payable on a date prior to its stated maturity date for any reason (including by reason of default in payment) or where the Collateral Asset is a cash deposit, there is a failure by the bank with which such deposit is held to pay any amount in respect of such deposit or the deposit becomes repayable on a date prior to its stated repayment date for any reason;

**""Collateral Disruption"** means the Issuer and/or any of its Affiliates is unable after using commercially reasonable efforts to (a) acquire, establish, re-establish, substitute, maintain, unwind or dispose of any transaction(s) or asset(s) or any futures or option contracts it deems necessary to obtain Collateral Assets; (b) freely realise, recover, remit, receive, re-patriate or transfer the proceeds of any such transactions(s) or assets(s) or futures or option contract(s) or any relevant hedge positions relating to the Collateral Assets (including without limitation as a result of adverse market conditions or a lack of liquidity in the market) or (c) acquire or substitute any Collateral Assets (including without limitation as a result of adverse market conditions or a lack of liquidity in the market);".

- (c) The following definition shall be deemed to have been inserted in Security Condition 15.1 after the definition of Hedging Shares and before the definition of Increased Cost of Hedging:

**""Increased Cost of Collateral Assets"** means that the Issuer and/or any of its Affiliates would incur a materially increased (as compared with circumstances existing on the Trade Date) amount of tax, duty, expense, fee (other than brokerage commissions) or other relevant cost (including, for the avoidance of doubt, any funding cost) to (a) acquire, borrow, substitute, or dispose of any Collateral Assets, (b) establish, re-establish, substitute, maintain, unwind or dispose of any transaction entered into by the Issuer or any of its Affiliates in connection with the Collateral Assets or (c) realise, recover or remit the proceeds of any such Collateral Assets, provided that any such materially increased amount that is incurred solely due to the deterioration of the creditworthiness of the Issuer and/or any of its Affiliates shall not be deemed an Increased Cost of Collateral Assets;"

- (d) The definition of Optional Additional Disruption Events in Security Condition 15.1 shall be deleted and replaced with the following:

**""Optional Additional Disruption Event"** means any of Administrator/Benchmark Event, Cancellation Event, Collateral Asset Default, Currency Event, Failure to Deliver due to Illiquidity, Extraordinary External Event, Hedging Party Default Increased Cost of Stock Borrow, Jurisdiction Event, Insolvency Filing, Loss of Stock Borrow, Stop-Loss Event and/or Significant Alteration Event, in each case if specified in the applicable Final Terms;"

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (e) Notwithstanding the first sentence of Security Condition 15.2, upon the occurrence of an Additional Disruption Event which is either a Collateral Disruption or an Increased Cost of Collateral Assets, the Issuer, in its sole and absolute discretion, may take the action described in Security Condition 15.2(a) or 15.2(b).
- 7.2 The following shall apply where an Optional Additional Disruption Event occurs which is a Collateral Asset Default and Security Condition 15 shall not apply in connection with such Optional Additional Disruption Event.
  - (a) Where the relevant Collateral Asset(s) have become due and repayable other than by reason of default in payment, upon becoming aware of such event, the Issuer will, on giving such period of notice (in accordance with Security Condition 10) as expires not more than ten nor less than five Business Days following the date upon which the Issuer receives the redemption proceeds of such Collateral Asset(s) or where the Collateral Asset is a deposit, the date on which the Issuer receives the amount due to it on such repayment of the deposit, redeem the Secured Securities by payment of an amount equal to such Secured Security's Collateral Early Settlement Amount on the expiry of such notice.
  - (b) Where the Collateral Asset has become due and repayable by reason of default in payment by the obligor of such Collateral Asset continuing after the expiry of any applicable grace period,
    - (i) the Issuer shall as soon as reasonably practicable arrange for the sale of such Collateral Assets (and in connection therewith may appoint an agent to assist it in arranging such sale) in accordance with the manner of sale set out in Collateral Security Condition 3.3 (and for such purposes any reference in such Collateral Security Condition 3.3 to the Collateral Agent shall be deemed to be a reference to the Issuer or any agent it appoints to assist it in arranging such sale) or where the Collateral Asset is a cash deposit, the Issuer shall seek to recover amounts from the deposit or sell its rights to such deposit and the Issuer shall give notice in accordance with Security Condition 10 that each Certificate is to be redeemed at its Collateral Early Settlement Amount pursuant to this Collateral Security Condition 7.2(b)(i) following receipt of the realisation proceeds of the Collateral Assets and (y) upon receipt of such proceeds, of the date upon which the relevant Secured Securities are to be redeemed (which date shall be not more than ten nor less than five Business Days following receipt of such proceeds) and it shall redeem each Secured Security by payment of an amount equal to such Secured Security's Collateral Early Settlement Amount; or
    - (ii) where Collateral Physical Settlement has been specified as applicable in applicable Final Terms, the Issuer shall as soon as reasonably practicable deliver the Collateral Assets to the Holders. Where delivery of the Collateral Assets is due to be made in respect of Securities, Security Conditions 30 and 35.2 shall apply and, for such purposes, the Certificates shall be deemed to be Physical Delivery Certificates and the Entitlement (unless specified otherwise in the applicable Final Terms) shall be deemed to be the Certificate's pro rata share of the Collateral Assets held by the Issuer in respect of the relevant Collateral Pool. Any reference in the Security Conditions to Relevant Assets shall be deemed to be, in connection with a Collateral Asset Default, a reference to the Collateral Assets which are comprised in the Entitlement for such Secured Security. Delivery of the Entitlement shall satisfy the Issuer's obligations in full in respect of the relevant Secured Securities.
  - (c) Subject as provided below, in the event that some only of the Collateral Assets in the relevant Collateral Pool become repayable (the "**Repayable Assets**") pursuant to Collateral Security Conditions 7.2(a) or 7.2(b)(i) above, each Certificate will be partially redeemed on a pro rata basis in a nominal amount equal to the proportion of the then outstanding aggregate nominal amount of the Certificates that the principal

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

amount of the Repayable Assets bears to the aggregate principal amount of all of the Collateral Assets, subject as provided below.

- (d) Where Collateral Physical Settlement has been specified as applicable in the applicable Final Terms and a Settlement Disruption Event occurs, Security Condition 5.1 shall apply provided that the Disruption Cash Settlement Price will be equal to the Disruption Cash Settlement Price specified in the applicable Final Terms.
- (e) If a Collateral Asset Default occurs, the Issuer will procure that any Affiliate which is holding Secured Securities of the relevant series shall deliver these to the Issuer and the Issuer will cancel such Secured Securities together with any Secured Securities which it is holding itself free of payment.

7.3 For the purpose of Collateral Security Conditions 7.2(a) and 7.2(b)(i), the Collateral Early Settlement Amount in respect of each Certificate will, unless otherwise specified in the applicable Final Terms, be the lesser of:

- (a) the Security Realised Amount in respect of such Certificate (determined in accordance with Collateral Security Condition 3) or where Collateral Security Condition 7.2(a) is applicable, such Secured Security's pro rata share of the redemption proceeds or, where the Collateral Asset is a cash deposit, the Issuer receives the amount due to it on the relevant repayment of the deposit received by the Issuer in respect of the relevant Collateral Assets; and
- (b) an amount calculated as follows:
  - (i) in the case of Certificates with a Cash Settlement Amount equal to the Issue Price, at the Cash Settlement Amount thereof; or
  - (ii) in the case of Certificates with a Cash Settlement Amount which is or may be less or greater than the Issue Price or which is payable in a Settlement Currency other than that in which the Certificates are denominated, at the amount specified in, or determined in the manner specified in, the applicable Final Terms or, if no such amount or manner is so specified in the applicable Final Terms, at its outstanding nominal amount,

together with, in either case, unless otherwise specified in the applicable Final Terms, an amount in respect of interest (if any) accrued on such Certificate from and including the immediately preceding Interest Payment Date or, if none, the Interest Commencement Date to and including the date of redemption.

### 8. Collateral Security Credit Certificates

#### 8.1 General

This Collateral Security Condition 8 shall only apply if the applicable Final Terms specify that Collateral Security Condition 8 applies and that the relevant Secured Securities are Collateral Security Credit Certificates. Where this Collateral Security Condition 8 applies, for the avoidance of doubt, the terms of Annex 12 shall not apply to the Secured Securities. This Collateral Security Condition 8 may only apply to Secured Securities in respect of which the only Collateral Asset is the Reference Obligation.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

### 8.2 Redemption

#### (a) Redemption absent Satisfaction of Conditions to Settlement

The Issuer will redeem each Collateral Security Credit Certificate on the related Collateral Credit Security Settlement Date (as such date may be extended in accordance with the definition thereof) by payment of an amount equal to the Cash Settlement Amount of such Certificate unless:

- (i) an Automatic Early Redemption Event has occurred (if applicable);
- (ii) an Enforcement Event has occurred;
- (iii) the Collateral Security Credit Certificates have been previously redeemed or purchased or cancelled in full (including pursuant to Collateral Security Condition 8.2(b)); or
- (iv) a Credit Event occurs and the Conditions to Settlement are satisfied in respect of such Credit Event, in which event the Issuer shall redeem the Collateral Security Credit Certificates in accordance with Collateral Security Condition 8.2(b).

#### (b) Redemption following Satisfaction of Conditions to Settlement

Upon the satisfaction of the Conditions to Settlement in relation to the Reference Entity, each Certificate will be redeemed at the Credit Event Settlement Amount on the Cash Settlement Date in full satisfaction of the Issuer's obligations under such Collateral Security Credit Certificate unless an Enforcement Event occurs on or prior to such Cash Settlement Date. Where the Conditions to Settlement are satisfied in relation to the Reference Entity but an Enforcement Event occurs on or prior to the Cash Settlement Date, Collateral Security Condition 3 shall apply.

#### (c) Miscellaneous provisions relating to Redemption

Any amount payable under Collateral Security Condition 8.2(b) shall be rounded downwards to the nearest sub-unit of the relevant currency.

### 8.3 Interest

#### (a) Cessation of Interest Accrual

Upon the occurrence of a Credit Event Determination Date in respect of the Reference Entity, interest shall cease to accrue with effect from, and including, either:

- (i) the Interest Payment Date immediately preceding such Credit Event Determination Date (or, in the case of the first Interest Period, the Interest Commencement Date); or
- (ii) if so specified in the applicable Final Terms, such Credit Event Determination Date.

#### (b) Interest following Scheduled Maturity

Subject always to Collateral Security Condition 8.3(a), if an Extension Notice has been given, no interest will accrue on each Collateral Security Credit Certificate which is outstanding from, and including, the Redemption Date to, and including, the related Collateral Credit Security Settlement Date.

#### (c) Interest Payment Dates

If the Collateral Security Credit Certificates are redeemed pursuant to the Security Conditions, the Collateral Security Conditions or this Collateral Security Condition 8.3(a), the Redemption Date, the

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Collateral Credit Security Settlement Date (if not the Redemption Date) or the Cash Settlement Date, as the case may be, shall be an Interest Payment Date in respect of each Collateral Security Credit Certificate and the Issuer shall pay any interest that has accrued (and is unpaid) in respect of each Collateral Security Credit Certificate on such Interest Payment Date.

(d) General

For the avoidance of doubt, this Collateral Security Condition 8.3 shall apply only where the Final Terms specify that the Collateral Security Credit Certificates bear interest.

8.4 Satisfaction of the Conditions to Settlement

The "**Conditions to Settlement**" will be satisfied upon the Calculation Agent delivering to the Issuer a Credit Event Notice.

8.5 Miscellaneous Provisions relating to Collateral Security Credit Certificates

(a) Collateral Asset Withdrawals

The Issuer will use reasonable endeavours to obtain from the Reference Entity payment of the amount specified in the Unwind Notice and all amounts standing to the credit of the Deposit. The Issuer may appoint an agent to assist it in making payments into or withdrawing amounts from the Deposit.

(b) Determinations of the Calculation Agent

The determination by the Calculation Agent of any amount or of any state of affairs, circumstance, event or other matter, or the formation of any opinion or the exercise of any discretion required or permitted to be determined, formed or exercised by the Calculation Agent pursuant to the Collateral Security Credit Certificates shall (in the absence of manifest error) be final and binding on the Issuer, the Guarantor and the Holders. In performing its duties pursuant to these Collateral Security Credit Conditions, the Calculation Agent shall act in its sole and absolute discretion acting reasonably and in good faith. Whenever the Calculation Agent is required to make any determination it may, inter alia, decide issues of construction and legal interpretation. If the Calculation Agent chooses to rely on the determinations of the relevant Credit Derivatives Determinations Committee it may do so without liability. Any delay, deferral or forbearance by the Calculation Agent in the performance or exercise of any of its obligations or its discretion under the Collateral Security Credit Certificates including, without limitation, the giving of any notice by it to any person, shall not affect the validity or binding nature of any later performance or exercise of such obligation or discretion, and none of the Calculation Agent, the Issuer or the Guarantor shall, in the absence of wilful misconduct and gross negligence, bear any liability in respect of, or consequent upon, any such delay, deferral or forbearance.

(c) Delivery of Notices

As soon as reasonably practicable after receiving a Credit Event Notice or Extension Notice from the Calculation Agent, the Issuer shall promptly inform, or shall procure that the Calculation Agent informs, the Holders in accordance with Security Condition 10.

8.6 Definitions

The following definitions shall apply to Collateral Security Credit Certificates.

**"Bankruptcy"** means the Reference Entity:

- (i) is dissolved (other than pursuant to a consolidation, amalgamation or merger);

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (ii) becomes insolvent or is unable to pay its debts or fails or admits in writing in a judicial, regulatory or administrative proceeding or filing its inability generally to pay its debts as they become due;
- (iii) makes a general assignment, arrangement or composition with or for the benefit of its creditors;
- (iv) institutes or has instituted against it a proceeding seeking a judgment of insolvency or bankruptcy or any other relief under any bankruptcy or insolvency law or other similar law affecting creditors' rights, or a petition is presented for its winding-up or liquidation, and, in the case of any such proceeding or petition instituted or presented against it, such proceeding or petition (i) results in a judgment of insolvency or bankruptcy or the entry of an order for relief or the making of an order for its winding-up or liquidation or (ii) is not dismissed, discharged, stayed or restrained in each case within thirty calendar days of the institution or presentation thereof;
- (v) has a resolution passed for its winding-up, official management or liquidation (other than pursuant to a consolidation, amalgamation or merger);
- (vi) seeks or becomes subject to the appointment of an administrator, provisional liquidator, conservator, receiver, trustee, custodian or other similar official for it or for all or substantially all its assets;
- (vii) has a secured party take possession of all or substantially all its assets or has a distress, execution, attachment, sequestration or other legal process levied, enforced or sued on or against all or substantially all its assets and such secured party maintains possession, or any such process is not dismissed, discharged, stayed or restrained, in each case within thirty calendar days thereafter; or
- (viii) causes or is subject to any event with respect to it which, under the applicable laws of any jurisdiction, has an analogous effect to any of the events specified in paragraphs (i) to (vii) above (inclusive).

**"BNP Paribas Group"** means BNP Paribas and its consolidated subsidiaries.

**"Cash Settlement Date"** means the date falling three Business Days (or such other number of days specified in the applicable Final Terms) after the Credit Event Valuation Date.

**"Certificate Value"** means the marked to market value of the Certificate immediately prior to the occurrence of the Credit Event expressed as a percentage of the Notional Amount of the Collateral Security Credit Certificate as determined by the Calculation Agent and, in respect of such determination, that the Calculation Agent shall ignore the credit-linked component and credit linked provisions of the Collateral Security Credit Certificate for the purposes of such valuation.

**"Credit Derivatives Determinations Committee"** means each committee established by ISDA for the purposes of reaching certain DC Resolutions in connection with credit derivative transactions in the over the counter markets, as more fully described in the Rules.

**"Credit Event"** means the occurrence of a Bankruptcy with respect to the Reference Entity or a Failure to Pay.

If an occurrence would otherwise constitute a Credit Event, such occurrence will constitute a Credit Event whether or not such occurrence arises directly or indirectly from, or is subject to a defence based upon:

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (i) any lack or alleged lack of authority or capacity of a Reference Entity to enter into the Reference Obligation;
- (ii) any actual or alleged unenforceability, illegality, impossibility or invalidity with respect to the Reference Obligation, however described;
- (iii) any applicable law, order, regulation, decree or notice, however described, or the promulgation of, or any change in, the interpretation by any court, tribunal, regulatory authority or similar administrative or judicial body with competent or apparent jurisdiction of any applicable law, order, regulation, decree or notice, however described; or
- (iv) the imposition of, or any change in, any exchange controls, capital restrictions or any other similar restrictions imposed by any monetary or other authority, however described.

**"Credit Event Determination Date"** means the first date on which a Credit Event Notice is effective.

**"Credit Event Notice"** means an irrevocable notice from the Calculation Agent to the Issuer that describes a Credit Event that occurred on or after the Trade Date and on or prior to the earlier of (i) if Automatic Early Redemption Event is specified as applicable in the Final Terms, the Automatic Early Redemption Date immediately following the Automatic Early Redemption Valuation Date on which an Automatic Early Redemption Event has occurred, (ii) the date on which an Enforcement Event occurs and (iii) the day falling two Business Days prior to the Collateral Credit Security Settlement Date.

**"Credit Event Settlement Amount"** means an amount per Certificate subject to a minimum of zero, equal to:

$$NA \times (\text{Certificate Value} - \text{Redemption Adjustment})$$

**"Credit Event Valuation Date"** means any Business Day from, and including the Credit Event Determination Date to, and including, the Credit Event Valuation Period End Date as selected by the Calculation Agent (such period, the **"Credit Event Valuation Period"**) provided that the Credit Event Valuation Date may be postponed where the Valuation Extension Condition is satisfied, in which case the Credit Event Valuation Date will be any Business Day from, and including the Credit Event Determination Date to, and including, the last Business Day of the Extended Valuation Period, as selected by the Calculation Agent.

**"Credit Event Valuation Period End Date"** means, unless specified otherwise in the applicable Final Terms, the day falling 180 Business Days following the Credit Event Determination Date.

**"Collateral Credit Security Settlement Date"** means:

- (a) the Redemption Date; or
- (b) where the Issuer, having received from the Calculation Agent an Extension Notice in relation to the Reference Entity, delivers it to the Holders on or prior to the day falling three Business Days prior to the Redemption Date, the Extended Redemption Date.

**"DC Resolution"** has the meaning given to it in the Rules.

**"Extended Redemption Date"** means the date that is five Business Days following the later of:

- (a) the Redemption Date where paragraph (a) of the definition of "Extension Notice" applies; and

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (b) the last day of the Grace Period where paragraph (b) of the definition of "Extension Notice" applies.

**"Extension Notice"** means a notice delivered by the Calculation Agent to the Issuer stating that (a) without prejudice to sub-paragraph (b), a Credit Event has occurred or may occur on or prior to the Redemption Date or (b) a Potential Failure to Pay has occurred or may occur on or prior to the Redemption Date.

**"Extended Valuation Period"** means the period from, and including the Credit Event Determination Date to, and including the day falling 720 calendar days (or such other day specified in the applicable Final Terms) following the Credit Event Determination Date.

**"Failure to Pay"** means, after the expiration of the Grace Period, the failure by the Reference Entity to make, when and where due, any payments in an aggregate amount of not less than the Payment Requirement under the Reference Obligation in accordance with the terms of such Reference Obligation at the time of such failure.

**"Final Price"** means the amount expressed as a percentage of the Reference Obligation Notional Amount (as at the date the Credit Event occurred) equal to:

- (a) (i) the amount received by the Issuer from the Reference Entity in relation to the Reference Obligation in the period from, and including, the day on which the relevant Credit Event occurred to, and including, the last day in the Credit Event Valuation Period; or
- (ii) if the Issuer in its sole discretion acting in a commercially reasonable manner elects to transfer its rights in respect of the Reference Obligation to a third party (which may be an Affiliate of the Issuer) on an arm's length basis and the Issuer effects a transfer of such rights on or prior to the last day in the Credit Event Valuation Period, the amount received from the third party to which the Issuer has been able to transfer its rights related to the Reference Obligation less any costs or expenses incurred in or relating to such transfer;
- (b) where the Valuation Extension Condition is satisfied, the amount paid by the Reference Entity to the Issuer in relation to the Reference Obligation on or prior to the last Business Day of the Extended Valuation Period; and
- (c) if no amount has been paid to the Issuer by the Reference Entity on or prior to the last day of the Credit Event Valuation Period or, if the Valuation Extension Condition is satisfied, the last Business Day of the Extended Valuation Period and the Issuer has not transferred its rights related to the Reference Obligation to a third party on or prior to the last day of the Credit Event Valuation Period, the Final Price shall be deemed to be equal to zero.

For the avoidance of doubt, the Final Price as determined in accordance with sub-paragraphs (a) and (b) above may be deemed to be equal to zero.

**"Grace Period"** means the period of 15 Business Days (or such other period specified in the Final Terms) from the date on which an Unwind Notice has been delivered to the Reference Entity.

**"ISDA"** means the International Swaps and Derivatives Association, Inc. (or any successor thereto).

**"NA"** means the Notional Amount.



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Non Recovered Loss"** means an amount expressed as a percentage calculated in accordance with the following formula:

**"Outstanding Notional Amount"** or "ONA" means the outstanding nominal amount of all issued Collateral Security Credit Certificates of the relevant series which have not been redeemed or are not held by an entity in the BNP Paribas Group.

**"Payment Requirement"** means EUR 1 (or such other amount specified in the applicable Final Terms).

**"Potential Failure to Pay"** means the failure by the Reference Entity to make, when and where due, any payments in an aggregate amount of not less than the Payment Requirement in respect of the Reference Obligation, without regard to any grace period or any conditions precedent to the commencement of any grace period applicable to the Reference Obligation, in accordance with the terms of the Reference Obligation at the time of such failure.

**"Redemption Adjustment"** means the aggregate of (i) any costs expressed as a percentage of the Outstanding Notional Amount payable by the Issuer or any of its Affiliates to unwind or terminate any hedging transaction or hedging positions related to the Certificates and (ii) any Non Recovered Loss in respect of the Reference Obligation.

**"Reference Obligation"** means a cash deposit by the Issuer (the "Deposit") with the Reference Entity in an amount equal to the Reference Obligation Notional Amount from time to time.

**"Reference Obligation Notional Amount"** or "RONA" means an amount placed on deposit with the Reference Entity by the Issuer upon issue of the Certificates, which amount may be reduced or increased in the manner set out in Collateral Security Condition 3.2(b).

**"Reference Entity"** means the party specified as such in the applicable Final Terms and any Successor thereto.

**"Rules"** means the Credit Derivatives Determinations Committee Rules, as published by ISDA on its website at [www.isda.org](http://www.isda.org) (or any successor website thereto) from time to time and as amended from time to time in accordance with the terms thereof.

**"Succession Event"** means an event such as a merger, consolidation, amalgamation, transfer of assets or liabilities, demerger, spin-off or other similar event in which one entity succeeds to the obligations of another entity, whether by operation of law or pursuant to any agreement;

**"Successor"** means any direct or indirect successor to the Reference Entity which assumes the Reference Obligation following a Succession Event in respect of the Reference Entity or, if there is more than one such successor entity, the successor entity which assumes the highest proportion of the outstanding balance of the Reference Obligation as determined by the Calculation Agent, provided that if more than one successor entity assumes such highest proportion of such Reference Obligation, the successor entity shall be determined by the Calculation Agent acting in a commercially reasonable manner.

**"Unwind Notice"** means a notice to the Reference Entity requesting the withdrawal of all or any part of the amounts standing to the credit of the Deposit.

**"Valuation Extension Condition"** means (i) the transfer of the Issuer's rights relating the Reference Obligation has not been possible on or prior to the last day in the Credit Event Valuation Period, (ii) no amount has yet been received by the Issuer from the Reference Entity in respect of the Reference Obligation on or prior to the last day in the Credit Event Valuation Period and (iii) the Issuer determines

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

that the Final Price is likely to be higher than zero if there is an Extended Valuation Period and the Credit Event Valuation Date is postponed and it notifies the Issuer and the Calculation Agent accordingly.

### 9. Collateral Asset Linked Securities

#### 9.1 General

This Collateral Security Condition 9 shall only apply if the applicable Final Terms specify that Collateral Security Condition 9 applies and that the relevant Secured Securities are Collateral Asset Linked Securities. The terms of the Collateral Security Conditions (save for Collateral Security Condition 8) shall apply to Collateral Asset Linked Securities save as set out or modified in this Collateral Security Condition 9.

#### 9.2 Changes to Collateral Security Conditions

In respect of Collateral Asset Linked Securities, the following changes shall be made to the Collateral Security Conditions:

- (a) Collateral Security Condition 3.2 (Security) shall be deleted in its entirety and replaced with the following:

##### "3.2 Security

The obligations of the Issuer in respect of the Secured Securities will be secured by one or more pledge agreements between the Issuer and the Collateral Agent (each a "**Pledge Agreement**") pursuant to which the Issuer will grant a first ranking security interest in favour of the Collateral Agent, for itself and on behalf of the Holders of the Secured Securities which are to be secured by the relevant Collateral Pool, over all the Issuer's rights in, and, to the Collateral Assets delivered to each of the Collateral Custodians appointed in respect of the relevant Collateral Pool and held from time to time in the relevant account(s) established with the Collateral Custodian(s) for such purpose (such account(s), the "**Collateral Account**"). The Issuer will not deliver Collateral Assets in respect of Secured Securities where the Issuer and/or any of its Affiliates is the beneficial owner. In addition to, or as an alternative to, a Pledge Agreement, the Issuer may also enter into an Additional Security Document or Alternative Security Document in respect of a Collateral Pool as specified in the applicable Final Terms in order to secure its obligations in respect of the Secured Securities and references in Collateral Security Condition 1 and hereinafter to "Pledge Agreement" and "Pledges" shall be construed as if they also refer to such Alternative Security Documents and/or Additional Security Documents.

In respect of the Nominal Value Collateralisation Element, the Issuer will transfer into the Collateral Account on the Initial Posting Date and hold in such account on any day thereafter, an aggregate nominal amount of the Reference Collateral Assets, at least equal to the aggregate Notional Amount of the Placed Secured Securities on such date. Where the Issuer or any of its Affiliates acquires Secured Securities after the Initial Posting Date, the Issuer will be entitled to withdraw an aggregate nominal amount of Reference Collateral Assets equal to the aggregate Notional Amount of the Secured Securities so acquired, provided that the Issuer shall always hold in the Collateral Account an aggregate nominal amount of the Reference Collateral Assets at least equal, at any time, to the aggregate Notional Amount of the Placed Secured Securities.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

In respect of the MTM Collateralisation Element, the Issuer will transfer MTM Adjustable Assets to and from the Collateral Account (based on the valuation provided by the Collateral Calculation Agent in respect of the immediately preceding Collateral Valuation Date) so that it will hold in respect of the relevant Collateral Pool (excluding, for the avoidance of doubt, any Reference Collateral Assets that are held in the Collateral Account to collateralise the aggregate Notional Amount of the Placed Secured Securities) MTM Adjustable Assets with an aggregate marked-to-market value (as determined by the Collateral Calculation Agent and which will take into account the relevant Haircut (if a Haircut is specified as applicable in the applicable Final Terms) at least equal to the Securities Value applicable to the relevant Collateral Pool (as determined in respect of the immediately preceding Collateral Valuation Date)).".

- (b) The first sentence of Collateral Security Condition 3.3 shall be deleted and replaced with the following:

"If an Enforcement Event occurs, the Collateral Agent shall enforce the Pledge and realise the MTM Adjustable Assets (and may appoint one or more agents to assist it to do so) provided that the Collateral Agent need not take such action if it reasonably believes that it would not be able to recover the costs or other liabilities which would be incurred in connection with such action from the MTM Adjustable Assets or otherwise or would experience an unreasonable delay in doing so.".

- (c) All references to "Collateral Assets" in Collateral Security Condition 3.3 shall be deemed to be references to "MTM Adjustable Assets" only.

- (d) Collateral Security Condition 3.4 (Application of proceeds) shall be deleted in its entirety and replaced with the following:

"3.4 Application of proceeds

The Realisation Proceeds will be applied in meeting the claims of Holders under the Secured Securities which are secured by the relevant Collateral Pool on a pari passu basis where each Secured Security's share of such proceeds shall be determined on the basis of such Secured Security's Collateral Proceeds Share provided that a Holder shall not be entitled to receive an amount in respect of a Secured Security greater than the Security Termination Amount determined with respect to such Secured Security and that the Collateral Proceeds Share will be equal to zero in respect of any Secured Securities which are not Placed Secured Securities.".

- (e) Collateral Security Condition 3.5 (Shortfall) shall be deleted in its entirety and replaced with the following:

"3.5 Shortfall

In the event that, following the application of the MTM Security Enforcement Proceeds in accordance with Collateral Security Condition 3.4, the amount paid to a Holder in respect of a Secured Security held by him (a "**Security Realised Amount**") is less than the Security MTM Termination Amount determined with respect to such Secured Security (the difference being referred to as a "**Shortfall**"), the Issuer shall remain liable for such Shortfall, but any such Holder shall not have recourse to any Collateral Pool other than the Collateral Pool applicable to that series of Secured Securities.".

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (f) Collateral Security Condition 3.6 (Physical Delivery of Collateral Assets) shall be deleted in its entirety and replaced with the following:

"3.6 Physical Delivery of Collateral

Following enforcement of the Pledge, the Collateral Agent, will deliver the Reference Collateral Assets in a Collateral Pool to the Holders of the Secured Securities secured by the relevant Collateral Pool on a pari passu and pro rata basis. Delivery of such Reference Collateral Assets will fully extinguish the Issuer's obligations in respect of the Notional Amount of the relevant Secured Securities notwithstanding that the value of the Collateral Assets so delivered may be less than the market value and/or nominal value of the relevant Secured Security.

Any such delivery shall be made in accordance with Security Conditions 30 and 35.2 and the Entitlement shall be deemed to be a Security's pro rata share of the Reference Collateral Assets held by the Issuer in respect of the relevant Collateral Pool.

In connection with such delivery, (i) Security Condition 5 shall not apply, (ii) for the purposes of Security Condition 11.1, Security Expenses shall be deemed to include any Enforcement Expenses which are incurred in delivery of the Reference Collateral Assets in accordance with this Collateral Security Condition 3.6, (iii) the Collateral Agent shall be entitled to deduct from the Reference Collateral Assets deliverable to Holders all Security Expenses not previously deducted from amounts paid or assets delivered to Holders, as the Collateral Agent shall in its sole and absolute discretion determine are attributable to the relevant Secured Securities and (iv) any reference in the Security Conditions to "Relevant Assets" shall be deemed, in connection with a delivery of Reference Collateral Assets in accordance with this Collateral Security Condition 3.6, to be a reference to "Reference Collateral Assets."

- (g) Collateral Security Condition 3.7 (Settlement Disruption) shall be deleted in its entirety and replaced with the following:

"3.7 Settlement Disruption

If, in the opinion of the Collateral Agent, delivery of the Entitlement following the occurrence of an Enforcement Event using the method of delivery specified in the applicable Final Terms, or such other commercially reasonable manner as the Collateral Agent has determined, is not practicable by reason of a Collateral Settlement Disruption Event (as defined above) having occurred and continuing on any Collateral Delivery Date then such Collateral Delivery Date, for such Secured Securities shall be postponed to the first following Business Day in respect of which there is no such Collateral Settlement Disruption Event, provided that the Collateral Agent may elect in its sole discretion to deliver the Entitlement in such other commercially reasonable manner as it may select and in such event the Collateral Delivery Date shall be such day as the Collateral Agent deems appropriate in connection with delivery of the Entitlement in such other commercially reasonable manner. For the avoidance of doubt, where a Collateral Settlement Disruption Event affects some but not all of the Reference Collateral Assets comprising the Entitlement, the Collateral Delivery Date for the Reference Collateral Assets not affected by the Collateral Settlement Disruption Event will be the originally designated Collateral Delivery Date.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

If delivery of the relevant Entitlement is not possible due to the occurrence of a Collateral Settlement Disruption Event, for a period of greater than eight Business Days (or such other period specified in the Final Terms), then in lieu of physical settlement and notwithstanding any other provision hereof, the Collateral Agent shall sell or realise the Undeliverable Reference Collateral Assets in the manner set out in Collateral Security Condition 3.3. The Collateral Agent shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 that a Collateral Settlement Disruption Event has occurred. No Holder shall be entitled to any payment in respect of the relevant Secured Security in the event of any delay in the delivery of the Entitlement due to the occurrence of a Collateral Settlement Disruption Event and no liability in respect thereof shall attach to the Issuer, the Guarantor or the Collateral Agent."

- (h) The first paragraph of Collateral Security Condition 6.1 (Events of Default) shall be deleted and replaced by the following:

"Following the occurrence of an Event of Default, a Holder, or the Distributor acting on the instructions of a Holder, may provide a Default Notification. If the Collateral Agent does not receive an Event Dispute Notice from the Issuer at or prior to the end of the Dispute Period, it shall deliver an Enforcement Notice to each of the Issuer, the Principal Security Agent and the Collateral Custodian whereupon the Secured Securities shall become immediately due and payable at their Security Termination Amount, and the Issuer shall be obliged to deliver the Entitlement in respect of each Secured Security on the relevant Collateral Delivery Date without further action or formalities and the Security Interest granted under the Pledge Agreement shall become enforceable (as set out in the Pledge Agreement).

Any of the following events (each an "**Event of Default**") shall entitle a Holder, or the Distributor, to deliver a Default Notification:".

- (i) Collateral Security Condition 6.2 (Enforcement) shall be deleted in its entirety and replaced with the following:

### "6.2 Enforcement

The Collateral Agent shall not be bound to take any action under or in connection with the Pledge Agreement (including without limitation enforcing the Pledge upon the Pledge becoming enforceable) (i) unless a Holder, or the Distributor acting on the instructions of a Holder, has delivered a Default Notification, no Event Dispute Notice in respect of such Default Notification at or prior to the end of the Dispute Period and the Collateral Agent has, as a result, delivered an Enforcement Notice or (ii) if the Collateral Agent reasonably believes that it (x) would not be able to recover its costs or other liabilities which would be incurred in connection with such action from the relevant Collateral Assets or otherwise or (y) would experience an unreasonable delay in doing so.

Upon the occurrence of an Enforcement Event in respect of any series of Secured Securities, the Collateral Agent shall enforce all the Pledges in accordance with all the Pledge Agreements relating to all the Collateral Pools.

No Holder shall be entitled to enforce the Pledges or to proceed directly against the Issuer to enforce the other provisions of the Pledge Agreement unless the Collateral Agent, having become bound so to enforce or to proceed, fails so to do within a

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

reasonable time and such failure is continuing or the Collateral Agent is prevented from doing so by any court order. In connection with the enforcement of the Pledge, and after the realisation and liquidation in full of all the MTM Adjustable Assets in a Collateral Pool, the Collateral Agent shall determine the Security Termination Amount (and, if applicable, any Shortfall) in respect of each Secured Security and shall notify such amount to the Holders following such realisation and liquidation.

As Physical Delivery of Collateral is applicable in respect of the Reference Collateral Assets, upon delivery of the relevant Reference Collateral Assets in accordance with Collateral Security Condition 3.6 to the Holders, no further amount will be due to the Holders in respect of the Notional Amount of the Secured Securities.

If the Issuer fails to pay the Security MTM Termination Amount in full to a Holder in respect of a Secured Security held by such Holder, the amount by which the amount actually paid to the Holders is less than the Security MTM Termination Amount shall constitute a "Shortfall". The Issuer shall remain liable for the Shortfall, and in the event the Issuer fails to pay all of the Shortfall as and when it becomes due, the Guarantor will be liable for such Shortfall pursuant to the terms of the Guarantee.

No Holder shall be entitled to have recourse to the Collateral Assets contained in any Collateral Pool other than the Collateral Pool which relates to the Secured Securities it holds."

- (j) The definition of Collateral Asset Default in Collateral Security Condition 7.1(b) shall be deleted and replaced with the following:

**"Collateral Asset Default"** means (a) any of the Reference Collateral Assets in the Collateral Pool become due and payable on a date prior to their stated maturity date for any reason (including by reason of default in payment), (b) a failure by the Reference Collateral Asset Issuer to (i) pay on the due date any amount due or (ii) perform any of its other obligations, in the case of both (i) and (ii), in respect of the Reference Collateral Assets or (c) any rescheduling, Restructuring, subordination, exchange or material amendment is announced by the Reference Collateral Asset Issuer or any governmental authority or occurs, in respect of the Reference Collateral Assets;"

- (k) Collateral Security Condition 7.2 shall be deleted in its entirety and replaced with the following:

"7.2 The following shall apply where an Optional Additional Disruption Event occurs which is a Collateral Asset Default and Security Condition 15 shall not apply in connection with such Optional Additional Disruption Event. The Issuer shall redeem the Secured Securities as soon as reasonably practicable after the occurrence of the Collateral Asset Default by (a) delivering the Reference Collateral Assets in the Collateral Pool to the Holders of the Secured Securities and Security Conditions 30 and 35.2 shall apply and, for such purposes, the Secured Securities shall be deemed to be Physical Delivery Certificates and the Entitlement shall be deemed to be the Reference Delivery Amount and (b) payment to the Holders of Secured Securities of an amount equal to the Reference Collateral Event Cash Settlement Amount.

Any reference in the Security Conditions to Relevant Assets shall be deemed to be, in connection with a Collateral Asset Default, a reference to the Reference Collateral Assets comprising the Entitlement. Delivery of the Entitlement and payment of the Reference Collateral Event Cash Settlement Amount shall satisfy the Issuer's

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

obligations in full in respect of the Secured Securities which, upon such payment and delivery, shall be redeemed.

In order to determine whether a Collateral Asset Default has occurred, the Calculation Agent and the Distributor (if any) will consult in good faith for up to five Business Days following the notification by the Calculation Agent or the Distributor to the other party of the potential occurrence of a Collateral Asset Default (a "**Consultation Period**") to agree whether or not a Collateral Asset Default has occurred.

If, following a Consultation Period, the Calculation Agent and the Distributor are not in agreement as to the occurrence or non-occurrence of a Collateral Asset Default, the Calculation Agent will consult three participants in the market for the Reference Collateral Assets that are independent of the Issuer, the Distributor or their respective Affiliates as to whether a Collateral Asset Default has occurred. The majority view of such market participants shall be the binding determination and any costs incurred in obtaining such views shall be borne by the Calculation Agent or the Distributor whichever held the view during the relevant Consultation Period that did not correspond to the majority view of the market participants.

If it is not possible to obtain the views of three such market participants, the original determination of the Calculation Agent as to whether a Collateral Asset Default has occurred shall apply. If there is no Distributor specified in the applicable Final Terms, the Calculation Agent will determine whether a Collateral Asset Default has occurred.

If a Collateral Asset Default occurs, the Issuer will procure that any Affiliate which is holding Secured Securities of the relevant series shall deliver these to the Issuer and the Issuer will cancel such Secured Securities together with any Secured Securities which it is holding itself and, in connection with such cancellation, the notional amount of the Option will be reduced to reflect the reduced aggregate Notional Amount of the Secured Securities.

Following the determination that a Collateral Asset Default has occurred, the Calculation Agent will notify the Holders in accordance with Security Condition 10. From, and including, the Collateral Asset Default Date, no further Scheduled Underlying Reference Linked Payments will be made.";

- (1) The following definitions in Collateral Security Condition 1 shall be replaced with the definitions set out below:

"**Collateral Proceeds Share**" means, in respect of the series of Secured Securities, the pro rata share of each Secured Security (excluding any Secured Securities held by the Issuer or an Affiliate) in the Aggregate Collateral Proceeds Share applicable to such series of Secured Securities. For the avoidance of doubt, the Aggregate Collateral Proceeds Share applicable to each Security held by the Issuer or an Affiliate shall be equal to zero.

"**Collateral Valuation Date**" means a date on which the Collateral Calculation Agent determines the marked to market value of the MTM Adjustable Assets in the relevant Collateral Pool, and the marked to market value of the relevant Placed Secured Securities, on such periodic basis as is specified in the applicable Final Terms;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Eligible Collateral"** means, in respect of any series of Collateral Asset Linked Securities and the related Collateral Pool, the Reference Collateral Assets and the MTM Adjustable Assets specified in the applicable Final Terms;

**"Enforcement Expenses"** means all amounts due to the Collateral Agent and/or any appointee thereof; including any costs, expenses and taxes incurred in connection with the realisation of, or enforcement with respect to, the MTM Adjustable Assets in the Collateral Pool and the distribution of such proceeds, the delivery of the Reference Collateral Assets to the Holders of the Secured Securities and any other unpaid amounts payable to the Collateral Agent under the Agency Agreement;

**"Final Security Value"** means, in respect of a Secured Security, a pro rata share of the marked-to-market value of the portion of the Option that relates to Placed Secured Securities, as determined for the purposes of Collateral Security Condition 3.2 as at the Collateral Valuation Date immediately prior to the Enforcement Event;

**"Realisation Amount"** means the net realisation proceeds of the MTM Adjustable Assets following payment in full of all Enforcement Expenses; and

**"Securities Value"** means sum of the marked-to-market values of the portion of the Option that relates to Placed Secured Securities secured by the relevant Collateral Pool.

**"Security Termination Amount"** means the Security MTM Termination Amount.

9.3 The following additional definitions shall apply to Collateral Asset Linked Securities:

**"Collateral Asset Default Date"** means the date on which it is determined in accordance with Collateral Security Condition 7.2 that a Collateral Asset Default has occurred;

**"Distributor"** means the party specified as such in the applicable Final Terms;

**"Initial Posting Date"** has the meaning given to it in respect of the relevant series of Secured Securities in the Final Terms;

**"MTM Adjustable Assets"** means assets which may comprise bonds or notes listed on a regulated market, shares listed on a regulated market, shares, notes or other interests in a Collective Investment Scheme and/or other assets of the type or types specified as such in the applicable Final Terms and which are specified in the applicable Final Terms to be MTM Adjustable Assets for the relevant Collateral Pool;

**"MTM Collateralisation Element"** means the holding of MTM Adjustable Assets by the Issuer in the Collateral Account in order to collateralise the marked to market value of the portion of the Option which relates to the Placed Secured Securities;

**"MTM Security Enforcement Proceeds"** means the net proceeds of realisation of, or enforcement with respect to, the MTM Adjustable Assets in a Collateral Pool;

**"Nominal Value Collateralisation Element"** means the holding of the Reference Collateral Assets by the Issuer in the Collateral Account in order to collateralise the Notional Amount of the Placed Secured Securities;

**"Option"** means the option entered into by the Issuer with an Affiliate of BNP Paribas in order to hedge the Issuer's obligations to pay Scheduled Underlying Reference Linked Payments in respect of the Secured Securities;



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Realisation Proceeds"** means the remaining proceeds from the realisation of the MTM Adjustable Assets in a Collateral Pool following payment of all amounts due to the Collateral Agent and/or any agent appointed by it to assist in the enforcement of the Pledge(s) and realisation of the MTM Adjustable Assets, including any Enforcement Expenses;

**"Realisation Proceeds Share"** means in respect of a Secured Security, such Secured Security's pro rata share of the Realisation Proceeds;

**"Reference Collateral Assets"** means assets which may comprise bonds or notes listed on a regulated market, government bonds, shares listed on a regulated market, shares, units or other interests in a Collective Investment Scheme and/or other assets of the type or types specified as such in the applicable Final Terms and which are specified in the applicable Final Terms as the Reference Collateral Assets for the relevant Collateral Pool;

**"Reference Collateral Asset Issuer"** means the issuer of the Reference Collateral Assets, as specified in the applicable Final Terms;

**"Reference Collateral Event Cash Settlement Amount"** means an amount in the Settlement Currency equal to each Placed Secured Securities' pro rata share of an amount equal to the marked to market value, on the Collateral Asset Default Determination Date, of the Option, as determined by the Calculation Agent;

**"Reference Delivery Amount"** means, in respect of each Placed Secured Security, a nominal amount of Reference Collateral Assets equal to the Notional Amount of such Placed Secured Security or such other amount specified in the applicable Final Terms;

**"Restructuring"** means the occurrence of any one or more of the following events with respect to the Reference Collateral Assets:

- (i) a reduction in the amount of principal or premium payable at maturity or at scheduled redemption dates;
- (ii) a postponement or other deferral of a date or dates for the payment of principal or premium;
- (iii) a change in the ranking in priority of payment of the Reference Collateral Assets causing the subordination of the Reference Collateral Assets to any other obligation under which the Reference Collateral Asset Issuer is an obligor; or
- (iv) any change in the currency or composition of any payment of principal under the Reference Collateral Assets,

provided that, in the case of each of (i) to (iv) above:

- (A) such event is not due to an administrative adjustment, accounting adjustment or tax adjustment or other technical adjustment occurring in the ordinary course of business; and
- (B) such event directly or indirectly results from a deterioration in the creditworthiness or financial condition of the Reference Collateral Asset Issuer;

**"Scheduled Underlying Reference Linked Payment"** means any Premium Amount and/or any other amount specified as such in the applicable Final Terms;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Security MTM Termination Amount"** means, in respect of a Secured Security, the Realisation Proceeds Share applicable to such Secured Security or such other amount specified in the applicable Final Terms; and

**"Undeliverable Reference Collateral Assets"** means any Reference Collateral Assets which the Collateral Agent is unable to deliver in accordance with Collateral Security Condition 3.6 due to the occurrence of a Collateral Settlement Description Event.

10. [This section is intentionally left blank]

### 11. **Redemption**

Security Condition 34.1-34.8 (inclusive) will not apply.

#### 11.1 General

Unless the Certificates are Exercisable Certificates, subject as provided in these Terms and Conditions, provided no Enforcement Event has occurred, each Certificate (other than a Credit Certificate or Collateral Security Credit Certificate) will be redeemed by the Issuer:

- (a) in the case of a Cash Settled Certificate, by payment of the Cash Settlement Amount; or
- (b) in the case of a Physical Delivery Certificate, subject as provided in Security Conditions 5 and 35, by delivery of the Entitlement,

such redemption to occur in either case, subject as provided below, on the date falling on the fifth Business Day following the Valuation Date, unless specified otherwise in the applicable Final Terms (the **"Redemption Date"**). If (i) the date for payment of any amount in respect of the Certificates is not a Business Day, the holder thereof shall not be entitled to payment until the next following Business Day and shall not be entitled to any further payment in respect of such delay or (ii) the date for delivery of any Entitlement in respect of the Certificates is not a Settlement Business Day (as defined in Security Condition 5.1), the Holder thereof shall not be entitled to delivery of the Entitlement until the next following Settlement Business Day.

The Certificates may also be subject to automatic early redemption upon the occurrence of an Automatic Early Redemption Event, as defined in and in accordance with the provisions of Security Condition 34.9 if specified in the applicable Final Terms.

#### 11.2 Credit Certificates and Collateral Security Credit Certificates

Subject as provided in these Terms and Conditions and as specified in the applicable Final Terms and provided no Enforcement Event has occurred, each Credit Certificate and Collateral Security Credit Certificate will be redeemed by the Issuer by payment of the Cash Settlement Amount such redemption to occur on the Redemption Date specified in the applicable Final Terms subject as provided in Annex 12 (Additional Terms and Conditions for Credit Securities) and, in the case of Collateral Security Credit Certificates, Collateral Security Condition 8. If the date for payment of any amount in respect of the Certificates is not a Business Day, the holder thereof shall not be entitled to payment until the next following Business Day and shall not be entitled to any payment in respect of such delay.

#### 11.3 Issuer Call Option

If Issuer Call Option is specified in the applicable Final Terms, the Issuer may, provided no Enforcement Event has occurred and having given:

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (a) except in the case of Certificates represented by Private Placement Definitive Certificates and Certificates represented by a Rule 144A Global Certificate held by a Custodian on behalf of DTC, not less than the minimum notice period nor more than the maximum notice period specified in the applicable Final Terms (the "**Notice Period**") notice to the Holders in accordance with Security Condition 10 and, in the case of Certificates represented by Private Placement Definitive Certificates and Certificates represented by a Rule 144A Global Certificate held by a Custodian on behalf of DTC, not less than 30 nor more than 45 days' notice to the Holders in accordance with Security Condition 10; and
- (b) not less than 15 days (or such Notice Period specified in the applicable Final Terms) before the giving of the notice referred to in (i), notice to the relevant Security Agent or, in the case of CREST Dematerialised Certificates, not less than 45 days' notice to the Euroclear Registrar,

(which notices shall be irrevocable and shall specify the date fixed for redemption), redeem all or some only of the Certificates then outstanding on any date fixed for redemption as specified in the applicable Final Terms (an "**Optional Redemption Date**") and at an amount (the "**Optional Redemption Amount**") specified in, or determined on the date (the "**Optional Redemption Valuation Date**") and in the manner specified in the applicable Final Terms together, if appropriate, with interest accrued to (but excluding) the relevant Optional Redemption Date.

In the case of a partial redemption of Certificates (other than CREST Dematerialised Certificates), the rights of Holders of Certificates represented by a Global Security, or Holders of Italian Dematerialised Certificates, Swedish Dematerialised Securities, Danish Dematerialised Securities Finnish Dematerialised Securities, Norwegian Dematerialised Securities or Polish Dematerialised Securities will be governed by the standard procedures of Euroclear, Clearstream Luxembourg, Euroclear France, DTC, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway or KDPW Poland, as applicable, or any relevant Clearing System (as the case may be). With respect to Certificates represented by Private Placement Definitive Certificates, the Definitive Security Agent will select the Certificates to be redeemed individually by lot, not more than 45 days prior to the date fixed for redemption, and give notice to Holders, in accordance with Condition 10, of the serial numbers of the Certificates to be redeemed not less than 15 days prior to the date fixed for redemption. Private Placement Definitive Certificates may only be redeemed in minimum amounts of U.S.\$250,000 or more, and the remaining unredeemed portion thereof must be at least U.S.\$250,000. So long as the Securities are listed on the official list of Euronext Paris ("**Euronext Paris**") and admitted to trading on the regulated market of Euronext Paris and the rules of that stock exchange so require, the Issuer shall, once in each year in which there has been a partial redemption of the Certificates, cause to be published on the website of Euronext Paris ([www.euronext.com](http://www.euronext.com)) a notice specifying the aggregate nominal amount of Certificates outstanding. In the case of a partial redemption of CREST Dematerialised Certificates, the notice to Holders referred to in this Condition 34.3 shall specify any procedures for partial redemption laid down in the then applicable Uncertificated Securities Regulations.

### 11.4 Holder Put Option

If Holder Put Option is specified in the applicable Final Terms, upon the Holder of any Certificate giving to the Issuer not less than the minimum notice period nor more than the maximum notice period notice specified in the applicable Final Terms (the "**Notice Period**") the Issuer will, upon the expiry of such notice and provided no Enforcement Event has occurred, redeem, subject to, and in accordance with, the terms specified in the applicable Final Terms, in whole (but not in part), such Certificate on any date fixed for redemption as specified in the applicable Final Terms (an "**Optional Redemption Date**") and at an amount (the "**Optional Redemption Amount**") specified in, or determined on the date (the "**Optional Redemption Valuation Date**") and in the manner specified in the applicable Final Terms

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

together, if appropriate, with interest accrued to (but excluding) the Optional Redemption Date (each date and amount as specified in the applicable Final Terms). If Put Payout 2210 or 2300 is specified as applicable in the applicable Final Terms, the Optional Redemption Amount shall be Put Payout 2210 or Put Payout 2300, as applicable. If the product of Put Payout 2210 or Put Payout 2300, as the case may be is zero, no amount shall be payable on redemption of such Certificate.

If the Certificate is held outside DTC, Euroclear and Clearstream, Luxembourg, Euroclear France and/or any other relevant Clearing System, other than in the case of CREST Dematerialised Certificates to exercise the right to require redemption of the Certificate the Holder of the Certificate must deliver at the specified office of any Security Agent or the Registrar at any time during normal business hours of such Registrar or Security Agent falling within the Notice Period, a duly completed and signed notice of exercise in the form (for the time being current) obtainable from any specified office of any Security Agent (a "**Put Notice**") and in which the Holder must specify a bank account (or, if payment is required to be made by cheque, an address) to which payment is to be made under this Collateral Security Condition 11.4, accompanied by the Certificate or evidence satisfactory to the Security Agent concerned that the Certificate will, following delivery of the Put Notice, be held to its order or under its control in a manner reasonably satisfactory to the Security Agent concerned. If the Certificates are CREST Dematerialised Certificates, to exercise the right to require redemption of the Certificate, the Holder of the Certificate must, not less than 30 nor more than 60 days before the Optional Redemption Date, deposit with the Euroclear Registrar a duly completed Put Notice in the form obtainable from the Euroclear Registrar and in accordance with the Uncertificated Securities Regulations. If the Certificate is held through DTC, Euroclear or Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System, to exercise the right to require redemption of the Certificate the Holder of the Certificate must, within the Notice Period, give notice to the Security Agent concerned of such exercise in accordance with the standard procedures of DTC, Euroclear and Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System (which may include notice being given on such Holder's instruction by Euroclear or Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System or any common depositary for them to the Security Agent by electronic means) in a form acceptable to DTC, Euroclear and Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System from time to time and, if the Certificate is represented by a Global Certificate, at the same time present or procure the presentation of the relevant Global Certificate to the relevant Security Agent for notation accordingly. In the case of Finnish Dematerialised Certificates, in order to exercise this option the Holder must transfer or procure the transfer of the relevant Certificates have been transferred to the account designed by the Finnish Security Agent and procure that such account is blocked for further transfer on or prior to the Optional Redemption Date. Any Put Notice given by a Holder of any Certificate pursuant to this Collateral Security Condition 11.4 shall be irrevocable.

### 11.5 Redemption in Instalments

If the applicable Final Terms specify that the Certificates are Instalment Certificates, each Certificate will be redeemed in the Instalment Amounts and on the Instalment Dates specified in the applicable Final Terms.

### 11.6 Redemption of Partly Paid Certificates

Partly Paid Certificates will be redeemed in accordance with the provisions set out in the applicable Final Terms.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

### 11.7 Exercise of Certificates

If the Certificates are Cash Settled Certificates and Exercise of Certificates is specified as applicable in the applicable Final Terms, provided no Enforcement Event has occurred, the Certificates (such Certificates "**Exercisable Certificates**") will be automatically exercised on the Exercise Date, or, if Multiple Exercise is specified as applicable in the applicable Final Terms, each Exercise Date subject as provided in the following paragraph and, in the case of Credit Certificates, to the provisions of Annex 12 (Additional Terms and Conditions for Credit Securities) and, in the case of Collateral Security Credit Certificates, Collateral Security Condition 8. Upon automatic exercise each Certificate entitles its Holder to receive from the Issuer the Cash Settlement Amount on the Redemption Date or, if Multiple Exercise is specified as applicable in the applicable Final Terms, the relevant Exercise Settlement Date.

### 11.8 Open End Certificates

If "Open End" is specified as applicable in the relevant Final Terms, the Redemption Date of such Open End Certificates will, notwithstanding any provision to the contrary, be the date falling (5) five Business Days after the relevant Averaging Date, Observation Date, Strike Date or, as applicable, Valuation Date determined by the Issuer in its sole discretion, provided that the relevant Averaging Date, Observation Date, Strike Date or Valuation Date so-determined by the Issuer is notified to the Holders at the latest ten (10) Business Days prior to the contemplated date in accordance with Security Condition 10.

If a Certificate is an Open End Certificate, "Knock-in Event" and "Knock-out Event" may not be specified as applicable in the relevant Final Terms in respect of such Certificate.

## 12. Payments

Security Condition 35.1 shall not apply. Except in the case of CREST Dematerialised Certificates, Registered Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Certificates, Finnish Dematerialised Certificates, Norwegian Dematerialised Certificates and Polish Dematerialised Certificates and subject as provided below, the Issuer shall pay or cause to be paid the Cash Settlement Amount or the relevant amount (if any) payable under the Credit Security Conditions (or in the case of Instalment Certificates, each Instalment Amount) or Security Realised Amount and an amount equal to the Shortfall (if any) for each Certificate by credit or transfer to the Holder's account with the relevant Clearing System or the Definitive Security Agent, as the case may be (in the case of English Law Certificates other than CREST Dematerialised Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Certificates, Finnish Dematerialised Certificates, Norwegian Dematerialised Certificates and Polish Dematerialised Certificates and Certificates held through Euroclear France ("**Euroclear France Certificates**") or with the relevant Account Holder (in the case of Euroclear France Certificates)) for value on the Redemption Date (or (a) in the case of Instalment Certificates, on the relevant Instalment Date; or (b) if Multiple Exercise is specified as applicable in the applicable Final Terms, on the relevant Exercise Settlement Date) less any Expenses, such payment to be made in accordance with the rules of such Clearing System or the Definitive Security Agent, as the case may be or Account Holder. Payment of any Shortfall by the Guarantor (if any) shall be made in the same manner as the Security Realised Amount is paid by, or on behalf of, the Issuer.

Except in the case of CREST Dematerialised Certificates, Registered Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Certificates, Finnish Dematerialised Certificates, Norwegian Dematerialised Certificates and Polish Dematerialised Certificates where the Certificates pay interest, subject as provided below, the Issuer shall pay or cause to be paid the Interest Amount for each Certificate in respect of each Interest Payment Date by credit or transfer to the Holder's account with the relevant Clearing System or in the case of Private Placement Definitive Certificates, the office of the

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Definitive Security Agent, as the case may be, for value on the relevant Interest Payment Date, such payment to be made in accordance with the rules of such Clearing System or the Definitive Security Agent, as the case may be.

Except in the case of CREST Dematerialised Certificates, Registered Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Certificates, Finnish Dematerialised Certificates, Norwegian Dematerialised Certificates and Polish Dematerialised Certificates, the Issuer or the Guarantor will be discharged by payment to, or to the order of, the relevant Clearing System or the Definitive Security Agent, as the case may be, or, as the case may be, the relevant Account Holder, in respect of the amount so paid. Each of the persons shown in the records of the relevant Clearing System or the Definitive Security Agent, as the case may be, or whose name appears in the account of the relevant Account Holder (in the case of Euroclear France Certificates) as the holder of a particular amount of the Certificates must look solely to the relevant Clearing System or the Definitive Security Agent, as the case may be, or, as the case may be, the relevant Account Holder for his share of each such payment so made to, or to the order of, such Clearing System or the Definitive Security Agent, as the case may be or Account Holder.

In the case of OET Certificates, the Issuer shall confirm to the Principal Security Agent and to the relevant Account Holders (in the case of OET Certificates held through Euroclear France) or Euroclear and Clearstream, Luxembourg (in the case of OET Certificates held through Euroclear or Clearstream, Luxembourg), the Cash Settlement Amount to be paid in respect of each OET Certificate.

In the case of Private Placement Definitive Certificates only, if a Holder has given wire transfer instructions to the Issuer and Definitive Security Agent, the Issuer will make all payments in accordance with those instructions.

In the case of CREST Dematerialised Certificates and subject as provided below, the Euroclear Registrar shall pay or cause to be paid the Cash Settlement Amount (if any), the relevant amount (if any) payable under the Credit Security Conditions, Instalment Amount (if any), Security Realised Amount, Shortfall, and the Interest Amount (if any) in respect of CREST Dematerialised Certificates to the relevant Holder's cash account (as shown in the records of the Operator), such payment to be made in accordance with the rules of the Operator. Payments in respect of CREST Dematerialised Certificates will be discharged by payment (as shown in the records of the Operator) to the cash account of the relevant Holder.

In the case of Registered Certificates, the Issuer shall pay or cause to be paid the Cash Settlement Amount or the relevant amount (if any) payable under the Credit Security Conditions (or in the case of Instalment Amount, each Instalment Amount) or Security Realised Amount and an amount equal to the Shortfall (if any) in respect of each Registered Certificate (whether or not in global form) against presentation and surrender (or, in the case of part payment of any sum due, endorsement) of the Registered Certificate at the specified office of the Registrar or any of the Security Agents by transfer to the Designated Account (as defined below) of the holder (or the first named of joint holders) of the Registered Certificate appearing in the Register (i) where in global form, at the close of the business day (being for this purpose a day on which Euroclear, Clearstream, Luxembourg and/or any other relevant Clearing System are open for business) before the relevant due date, and (ii) where in definitive form, at the close of business on the third business day (being for this purpose a day on which banks are open for business in the city where the specified office of the Registrar is located) before the relevant due date (the "**Record Date**"). Notwithstanding the previous sentence, if (i) a holder does not have a Designated Account or (ii) the amount of the Certificates held by a holder is less than U.S.\$250,000 (or integral multiples of U.S.\$1,000 in excess thereof) (or its approximate equivalent in any other Settlement Currency), payment will instead be made by a cheque in the Settlement Currency drawn on a Designated Bank (as defined below). For these purposes, "**Designated Account**" means the account maintained by a holder with a Designated

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Bank and identified as such in the Register and "**Designated Bank**" means (in the case of payment in a Settlement Currency other than euro) a bank in the principal financial centre of the country of such Settlement Currency and (in the case of a payment in euro) any bank which processes payments in euro. Payment of any Shortfall by the Guarantor (if any) shall be made in the same manner as the Security Realised Amount is paid by, or on behalf of, the Issuer.

In the case of Registered Certificates and where the Certificates pay interest, the Issuer shall pay or cause to be paid the Interest Amount (other than the final Interest Amount) in respect of each Registered Certificate (whether or not in global form) by a cheque in the Settlement Currency drawn on a Designated Bank and mailed by uninsured mail on the business day in the city where the specified office of the Registrar is located immediately preceding the relevant due date to the holder (or the first named of joint holders) of the Registered Certificate appearing in the Register (i) where in global form, at the close of the business day (being for this purpose a day on which Euroclear, Clearstream, Luxembourg and/or any other relevant Clearing System are open for business) before the relevant due date, and (ii) where in definitive form, at the close of business on the fifteenth day (whether or not such fifteenth day is a business day) before the Record Date at his address shown in the Register on the Record Date and at his risk. Upon application of the holder to the specified office of the Registrar not less than three business days in the city where the specified office of the Registrar is located before the due date for any payment of interest in respect of a Registered Certificate, the payment may be made by transfer on the due date in the manner provided in the preceding paragraph. Any such application for transfer shall be deemed to relate to all future payments of interest (other than interest due on redemption) in respect of the Registered Certificates which become payable to the holder who has made the initial application until such time as the Registrar is notified in writing to the contrary by such holder. Payment of the Interest Amount due in respect of each Registered Certificate on redemption will be made in the same manner as payment of the Cash Settlement Amount of such Registered Certificate.

Holders of Registered Certificates will not be entitled to any interest or other payment for any delay in receiving any amount due in respect of any Registered Certificate as a result of a cheque posted in accordance with this Condition arriving after the due date for payment or being lost in the post. No commissions or expenses shall be charged to such holders by the Registrar/relevant Security Agent in respect of any payments of principal or interest in respect of the Registered Certificates.

None of the Issuer, the Guarantor (if applicable), the Collateral Agent or any of the Security Agents will have any responsibility or liability for any aspect of the records relating to, or payments made on account of, beneficial ownership interests in the Registered Global Certificates or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests.

A record of each payment made on such Registered Global Certificate, distinguishing between any payment of the Cash Settlement Amount and any Interest Amount, will be made on such Registered Global Certificate by the Registrar to which such Registered Global Certificate is presented for the purpose of making such payment, and such record shall be prima facie evidence that the payment in question has been made.

The holder of the relevant Registered Global Certificate shall be the only person entitled to receive payments in respect of Registered Certificates represented by such Registered Global Certificate and the payment obligations of the Issuer or the Guarantor (if any) will be discharged by payment to, or to the order of, the holder of such Registered Global Certificate in respect of each amount so paid. Each of the persons shown in the records of Euroclear and/or Clearstream, Luxembourg and/or any other relevant Clearing System, as the case may be, as the holder of a particular amount of Certificates must look solely to Euroclear and/or Clearstream, Luxembourg and/or any other relevant Clearing System, as the case may be, for his share of each payment so made by the Issuer to, or to the order of, the holder of the

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

relevant Registered Global Certificate. No person other than the holder of the relevant Registered Global Certificate shall have any claim against the Issuer or the Guarantor (if any) in respect of any payments due on that Registered Global Certificate.

In the case of Swedish Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant redemption amount (if any) payable under the Credit Security Conditions, Security Realised Amount, Shortfall and Interest Amount (if any) will be made to persons registered as Holders in the register maintained by Euroclear Sweden, in the case of Swedish Dematerialised Certificates issued in nominal amounts, on the fifth Business Day, or in the case of Swedish Dematerialised Certificates issued in units, the fourth Business Day immediately prior to the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment Date, as the case may be (the "**Payment Date**") or the date on which the Enforcement Event occurred (the "**Swedish Record Date**"). The Swedish Security Agent will pay the relevant amount through Euroclear Sweden to each Holder appearing in the Euroclear Sweden Register on the Swedish Record Date on the Payment Date or on the relevant date on which the Security Realised Amount is paid in accordance with these Collateral Security Conditions.

In the case of Finnish Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant amount (if any) payable under the Credit Security Conditions, Security Realised Amount, Shortfall and Interest Amount (if any) will be made to persons registered as Holders in the register maintained by Euroclear Finland, in the case of Finnish Dematerialised Certificates, on the Business Day (the "**Finnish Record Date**") preceding the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment Date, as the case may be (the "**Finnish Payment Date**"). The Finnish Security Agent will pay the relevant amount to each Holder appearing in the Euroclear Finland Register on the Finnish Record Date, in the case of Finnish Dematerialised Certificates, on the Finnish Payment Date (being the first Business Day following the Finnish Record Date), or on the occurrence of an Enforcement Event, in accordance with the rules and regulations of Euroclear Finland. In the event of late payment not due to an event or circumstance mentioned below in this paragraph, penalty interest will be payable on the overdue amount from the due date for payment thereof up to and including the date on which payment is made at an interest rate corresponding to, in the case of Helsinki Business Day, EURIBOR (or any other interbank offered rate applicable in Helsinki) increased by one percentage point. Interest will not be capitalized. Where the Issuer, the Guarantor, if any, or any Security Agent, due to any legal enactment (domestic or foreign), the intervention of a public authority (domestic or foreign), an act of war, strike, blockade, boycott, lockout or any other similar event or circumstance, is prevented from effecting payment, such payment may be postponed until the time the event or circumstance impeding payment has ceased, with no obligation to pay penalty interest. The provisions in this paragraph shall apply to the extent that nothing to the contrary follows from applicable provisions specified in the applicable Final Terms, or from the provisions of Regulation (EU) No 909/2014, the Finnish Act on the Book-Entry System and Clearing (Fin. *laki arvo-osuusjärjestelmästä ja selvitystoiminnasta* (348/2017)) and the Finnish Act on Book-Entry Accounts (Fin. *laki arvo-osuustileistä* (827/1991)) or the rules and regulations of Euroclear Finland.

In the case of Danish Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant amount (if any) payable under the Credit Security Conditions Security Realised Amount, Shortfall and Interest Amount (if any) will be made to persons registered as Holders in the register maintained by VP Denmark, in the case of Danish Dematerialised Certificates issued in nominal amounts, on the fifth Business Day, or in the case of Danish Dematerialised Certificates issued in units, the fourth Business Day immediately prior to the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment, as the



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

case may be (the "**Danish Payment Date**") or the date on which the Enforcement Event occurred (the "**Danish Record Date**".) The Danish Security Agent will pay the relevant amount through VP Denmark to each Holder appearing in the VP Denmark Register on the Danish Record Date on the Danish Payment Date or on the relevant date on which the Security Realised Amount is paid in accordance with these Collateral Security Conditions.

In the case of Norwegian Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant amount (if any) payable under the Credit Security Conditions, Security Realised Amount, Shortfall and Interest Amount (if any) will be made to the persons registered as Holders in the register maintained by VPS Norway, in the case of Norwegian Dematerialised Certificates issued in nominal amounts, on the second Business Day, or in the case of Norwegian Dematerialised Certificates issued in units, the second Business Day, immediately prior to the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment Date, as the case may be (the "**Payment Date**") or the date on which the Enforcement Event occurred (the "**Norwegian Record Date**"). The Norwegian Security Agent will pay the relevant amount through VPS Norway to each Holder appearing in the VPS Norway Register on the Norwegian Record Date on the Payment Date or on the relevant date on which the Security Realised Amount is paid in accordance with these Collateral Security Conditions.

In the case of Polish Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant amount (if any) payable under the Credit Security Conditions, Security Realised Amount, Shortfall and Interest Amount (if any) will be made by the Issuer to an account with KDPW Poland, in the case of Polish Dematerialised Certificates issued in nominal amounts, on the first Business Day, or in the case of Polish Dematerialised Certificates issued in units, the first Business Day, immediately prior to the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment Date, as the case may be (the "**Payment Date**") or the date on which the Enforcement Event occurred. On the Payment Date, KDPW Poland will pay the relevant amount received from the Issuer to the account of the Polish Security Agent or other members of the KDPW Poland System where Polish Dematerialised Certificates are registered. The Polish Security Agent or other members of the KDPW Poland System referred to above will thereafter make the relevant payments to the relevant accounts of Holders of the Polish Dematerialised Certificates.

If the determination of any amount in respect of interest or premium amount due in respect of the Certificates on an Interest Payment Date or Premium Amount Payment Date (such date a "**Scheduled Payment Date**") is calculated by reference to the valuation of one or more Underlying Reference(s) and the date (or final date, as the case may be) for such valuation is postponed or delayed as provided in the Terms and Conditions to a date (such date the "**Delayed Date**") falling less than two Business Days preceding such Scheduled Payment Date, notwithstanding any provision to the contrary in the Terms and Conditions such Interest Payment Date or Premium Amount Payment Date, as the case may be, shall be postponed to the day falling two Business Days following such Delayed Date and no interest, premium or other amount shall be payable on the Certificates in respect of such delay.

Payments will be subject in all cases to any fiscal or other laws and regulations applicable thereto in the place of payment or other laws and regulations to which the relevant Issuer, the Guarantor (if applicable), the relevant Security Agent and the Registrar (in the case of Registered Securities) are subject.

### 13. Recognition of Bail-in and Loss Absorption

Security Conditions 37.1 to 37.8 (inclusive) shall not apply to the Certificates, provided that Security Conditions 37.1 to 37.8 (inclusive) shall apply to the Guarantee applicable to Secured Securities.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

### Part C

This Part C shall only apply if the Final Terms of the Securities specify that Part C of Annex 13 (Additional Terms and Conditions for Secured Securities) applies. Where this Part C applies, for the avoidance of doubt, the terms of Part A of Annex 13, Part B of Annex 13 and Part D of Annex 13 shall not apply to the Securities. Where this Part C of Annex 13 applies, certain definitions and provisions set out in Annex 12 (Additional Terms and Conditions for Credit Securities) will, where specified, also apply and such definitions and provisions shall be deemed to be incorporated into this Part C of Annex 13 as if set out in full, subject to any modifications made in this Part C of Annex 13.

#### 1. Definitions and Interpretation

##### 1.1 Definitions

**"Acceleration Notice"** has the meaning given to it in Collateral Security Condition 7.1;

**"Additional Posting Date"** means, in respect of a reduction of the BNPP Holding, (a) the Placed Secured Securities Increase Date or such other date or dates specified in the applicable Final Terms (the **"Scheduled Additional Posting Date"**) or (b) if Additional Settlement Grace Period is specified as applicable in the applicable Final Terms, the date falling not later than the number of Business Days equal to the Additional Reference Collateral Assets Grace Period following such Scheduled Additional Posting Date;

**"Additional Proceeds Amount"** means the aggregate of (a) the sum of any Swap Agreement Termination Payment, Repurchase Agreement Termination Payment and Collateral Exchange Agreement Termination Payment (where applicable) payable to the Issuer and (b) the sum of any other amounts realised from the enforcement of the Security Interests in respect of the Charged Assets relating to the relevant series of Secured Securities other than the Specified Reference Collateral Assets and the Related Agreements relating to the relevant series of Secured Securities;

**"Additional RCA Disposal Amount"** means, as determined by the Collateral Calculation Agent, an amount equal to the market value of a nominal amount of Specified Reference Collateral Assets equal to the Excess Collateral Balance on the date the Collateral Calculation Agent calculates the amount of Specified Reference Collateral Assets which are required to be sold in order to pay any Priority Amounts (if any);

**"Additional Reference Collateral Assets Grace Period"** means (a) where Settlement Grace Period is specified as applicable in the applicable Final Terms, the number of Business Days specified as the Reference Collateral Assets Grace Period unless an Additional Reference Collateral Assets Grace Period is also specified in the applicable Final Terms in which case such period shall be the number of Business Days specified as the Additional Reference Collateral Assets Grace Period in the applicable Final Terms or (b) where Settlement Grace Period is not specified as applicable in the applicable Final Terms but Additional Settlement Grace Period is specified as applicable in the applicable Final Terms, the number of Business Days specified as the Additional Reference Collateral Assets Grace Period in the applicable Final Terms;

**"Additional Security Document"** means any security document which is entered into by the Issuer in respect of a Collateral Pool in addition to a Pledge Agreement and the Security Trust Deed;

**"Adjusted Asset Redemption Event"** means any of the Specified Reference Collateral Assets is, for any reason, redeemed or otherwise terminated prior to its scheduled redemption or termination date (as at the later of its issue date or the Trade Date) other than:

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (a) where RCA Maturity Call is specified as applicable in the applicable Final Terms, where any of the Specified Reference Collateral Assets are redeemed in whole or in part on or after the RCA Call Date (each date of such redemption, a **"RCA Maturity Call Option Date"**) for an amount at least equal to the principal amount of the Specified Reference Collateral Assets which is being redeemed plus accrued interest thereon (each, a **"RCA Maturity Call Option Event"**); or
- (b) where RCA Maturity Call is not specified as applicable in the applicable Final Terms, where the Specified Reference Collateral Assets are redeemed on the RCA Call Date as a result of the RCA Issuer validly exercising its RCA Call;

**"Aggregate Delivery Share"** means, in respect of a series of Secured Securities, (a) the Collateral Assets Value in respect of such series of Secured Securities less (b) the Delivery Reduction Amount applicable to such series of Secured Securities as determined by the Collateral Calculation Agent and confirmed in writing to the Security Trustee;

**"Aggregate Early Redemption Delivery Share"** means, in respect of a series of Secured Securities, (a) the Collateral Assets Value in respect of such series of Secured Securities less (b) the Early Redemption Delivery Reduction Amount applicable to such series of Secured Securities;

**"Aggregate Final Security Value"** means, in respect of a series of Securities, the aggregate of the Final Security Values of each Secured Security in such series of Secured Securities;

**"Alternative Early Redemption Amount"** means a pro rata share of an amount, subject to a minimum of zero, equal to (a) the Collateral Sale Proceeds less (b) the RCA Interest Deduction Amount;

**"Alternative Security Document"** means any security document which is entered into by the Issuer in respect of a Collateral Pool as an alternative to a Pledge Agreement;

**"Annex Early Redemption Event"** means where:

- (a) an Annex to the Security Conditions is applicable in addition to this Annex 13, and/or in accordance with Security Condition 15, the Calculation Agent notifies the Issuer that an event has occurred in respect of which the Calculation Agent in good faith and in a commercially reasonable manner determines it is not possible to make an adjustment in respect of such event and that the Certificates should be redeemed early as contemplated in either (i) such Annex or (ii) Security Condition 15, as the case may be;
- (b) Annex Early Redemption Event – External Event is specified as applicable in the applicable Final Terms, the Issuer elects to redeem the Certificates in accordance with Security Condition 7.1 or 7.2; and/or
- (c) Collateral Security Condition 5.13 is applicable, the Issuer determines that the Certificates are to be redeemed following a RCA Merger Event;

**"Asset Default Event"** means a RCA Issuer or any RCA Guarantor fails to perform or observe any of its obligations under the relevant Specified Reference Collateral Assets and the failure continues after the expiration of any applicable grace period or the occurrence of any event (including, but not limited to, default, event of default, or other similar condition or event (howsoever described)) that results in Specified Reference Collateral Assets becoming capable of being declared due and payable for any reason (including by reason of default in payment) before they would otherwise have been due and payable;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

"**Asset Payment Default Event**" means there is a payment default (howsoever described) in respect of any of the relevant Specified Reference Collateral Assets relating to the relevant series of Secured Securities;

"**Asset Payment Shortfall Event**" means one or more of the following occurs:

- (a) there is a payment default (howsoever described) in respect of any of the Specified Reference Collateral Assets;
- (b) the aggregate amount received by the Issuer in respect of the Specified Reference Collateral Assets on any Scheduled RCA Interest Payment Date (net of any Tax Liability) is less than the aggregate RCA Interest Amount scheduled to be received by the Issuer on such Scheduled RCA Interest Payment Date;
- (c) the aggregate amount received by the Issuer in respect of the Specified Reference Collateral Assets on a Scheduled Final Bond Payment Date (net of any Tax Liability) or any other date on which repayment of principal is scheduled to be made (a "**Further RCA Principal Payment Date**") is less than the aggregate Scheduled Final Bond Payments or other amount of principal scheduled to be received by the Issuer on such Scheduled Final Bond Payment Date or Further RCA Principal Payment Date, as the case may be;
- (d) any deferral, postponement, capitalisation or reduction (in part or in full) of one or more interest payments under the relevant Specified Reference Collateral Assets and/or reduction of the applicable RCA Interest Rate set out in the terms of the relevant Specified Reference Collateral Assets as of the Trade Date (after taking account of any adjustments for non-business days) (an "**Unscheduled Interest Deferral Event**"), regardless of whether or not such Unscheduled Interest Deferral Event is permitted by the terms of such Specified Reference Collateral Assets and whether or not such Unscheduled Interest Deferral Event leads to an event of default under the terms of the Specified Reference Collateral Assets and no regard shall be had as to whether any such interest payment is (a) deferred or postponed for potential later payment or (b) is reduced (in part or in full) with no possibility for later payment; or
- (e) any deferral, postponement or reduction (in part or in full) of the scheduled repayment of principal under the relevant Specified Reference Collateral Assets as set out in the terms of the relevant Specified Reference Collateral Assets as of the Trade Date (after taking account of any adjustments for non-business days) (an "**Unscheduled Principal Deferral Event**"), regardless of whether or not such Unscheduled Principal Deferral Event is permitted by the terms of such Specified Reference Collateral Assets or whether or not such Unscheduled Principal Deferral Event leads to an event of default under the terms of the Specified Reference Collateral Assets and no regard shall be had as to whether any such payment is (a) deferred or postponed for potential later payment or (b) is reduced (in part or in full) with no possibility for later payment.

For the purposes only of determining whether any of the events in paragraphs (b) and (c) above has occurred, any Specified Reference Collateral Assets which have been transferred to the Collateral Exchange Counterparty under the Collateral Exchange Agreement (if any) and/or to the Swap Counterparty under a Credit Support Document in connection with the Secured Securities shall be deemed to be held still by the Issuer for the purposes of determining any scheduled amounts or payments due in respect thereof and any reference to the "aggregate amount received by the Issuer" shall be deemed to include the amounts received by the Collateral Exchange Counterparty in respect of any Specified Reference Collateral Assets which have been transferred by the Issuer in connection with the Secured Securities to the

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Collateral Exchange Counterparty under the Collateral Exchange Agreement and/or the amounts received by Swap Counterparty in respect of any Specified Reference Collateral Assets which have been transferred by the Issuer in connection with the Secured Securities under a Credit Support Document;

**"Asset Redemption Event"** means any of the Specified Reference Collateral Assets is, for any reason, redeemed or otherwise terminated prior to its scheduled redemption or termination date as at the later of its issue date or the Trade Date;

**"Available Delivery Cash Proceeds"** has the meaning given to it in Collateral Security Condition 7.3(b);

**"Available Specified Reference Collateral Assets"** means (a) where the Issuer has not entered into a Collateral Exchange Agreement or a Credit Support Document, the Specified Reference Collateral Assets or (b) where the Issuer has entered into a Collateral Exchange Agreement and/or a Credit Support Document, a nominal amount of Specified Reference Collateral Assets equal to the sum of (i) the nominal amount of any Specified Reference Collateral Assets which have not been transferred to a relevant Related Agreement Counterparty (as at the time the relevant Related Agreement is terminated) and (ii) the nominal amount of Equivalent Securities in respect of the Specified Reference Collateral Assets (if any) which the Issuer receives from a relevant Related Agreement Counterparty upon or in connection with the termination of an applicable Related Agreement in accordance with the terms of such Related Agreement;

**"BNPP Holding"** means, at any time, in respect of a series of Secured Securities, the number of Secured Securities held by the Issuer and/or any Affiliate(s) of the Issuer;

**"Calculated Disposal Reference Nominal Amount"** means, in connection with a purchase of Secured Securities by the Issuer in accordance with Security Condition 8.1, the nominal amount of the proportion of the Specified Reference Collateral Assets equal to the proportion that the aggregate Notional Amount of Purchased Securities represents of the aggregate Notional Amount of the Secured Securities;

**"Calculated Security Termination Amount"** means, in respect of a Secured Security to which Physical Delivery of Collateral applies, an amount equal to the marked to market value, as of the Collateral Delivery Date, of the Specified Reference Collateral Assets in a nominal amount equal to such Secured Security's Delivery Share and the Issuer shall be deemed, for the purposes of Collateral Security Condition 4, to have paid such amount in full when the Delivery Share in respect of a Security is delivered to the relevant Holder;

**"Calculation Date"** means the date falling 30 Business Days (or such other period as may be specified in the applicable Final Terms) after the service of a Reference Collateral Credit Event Notice or Early Redemption Notice, as applicable, upon the Issuer by the Calculation Agent;

**"Call Event"** means the notification by the Swap Counterparty to the Issuer that the Swap Counterparty has elected to exercise its option to terminate the Swap Agreement on the Optional Redemption Date immediately following the relevant Call Exercise Date;

**"Call Exercise Date"** means the date falling the number of days prior to the Optional Redemption Date specified in the applicable Final Terms provided that if such day is not a Business Day, it shall be the first Business Day prior to such day, or if no Call Exercise Date is specified in the applicable Final Terms, the date falling 15 calendar days prior to an Optional Redemption Date, provided that if such day is not a Business Day, it shall be the first Business Day prior to such fifteenth calendar day;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"CDS Credit Event"** means, where Annex 12 (Additional Terms and Conditions for Credit Securities) applies to the Securities, an Event Determination Date (as defined in Annex 12) occurs as determined in accordance with Annex 12 in respect of a relevant Reference Entity (as defined in Annex 12);

**"Charged Agreement"** means, in respect of a series of Secured Securities, each Related Agreement entered into by the Issuer in connection with such series of Secured Securities and the Agency Agreement to the extent of the Issuer's rights against the Collateral Custodian and Principal Security Agent in respect of such series of Secured Securities under the Agency Agreement;

**"Charged Assets"** means, in respect of any series of Secured Securities, (i) the relevant Collateral Assets held by the Issuer in the Collateral Account in respect of such series and (ii) the Issuer's rights under each Charged Agreement relating to such series, including any rights under a Related Agreement to receive delivery of assets;

**"Charged Assets Proceeds"** means an amount, subject to a minimum of zero, equal to the Collateral Sale Proceeds plus the sum of (i) any Swap Agreement Termination Payment received by the Issuer from the Swap Counterparty, (ii), where applicable, any Repurchase Agreement Termination Payment received by the Issuer from the Repo Counterparty and (iii) where applicable, any Collateral Exchange Agreement Termination Payment received by the Issuer from the Collateral Exchange Counterparty;

**"Collateral Account"** has the meaning given to it in Collateral Security Condition 3.2;

**"Collateral Assets"** means, in respect of any series of Secured Securities, the applicable Specified Reference Collateral Assets, and any securities delivered to the Collateral Custodian as Replacement Collateral Assets or Credit Support Assets, together with, in each case, any accrued interest, redemption proceeds, income or other assets derived from such securities to the extent held in the relevant Collateral Account but shall not include any Collateral Assets, Equivalent Securities to Credit Support Assets which have been withdrawn from a Collateral Account in accordance with the relevant Related Agreement(s), the relevant Credit Support Document(s), the relevant Security Agreement and the Agency Agreement and/or any accrued interest, redemption proceeds, income or other assets derived from such securities to the extent such amounts are used by the Issuer to pay regular scheduled payments due under a Related Agreement;

**"Collateral Assets Value"** means, in respect of a series of Secured Securities, an amount equal to the aggregate nominal amount of Specified Reference Collateral Assets held by the Issuer in the relevant Collateral Account in respect of such series of Secured Securities;

**"Collateral Calculation Agent"** means the Calculation Agent in respect of the relevant Secured Securities or such other entity specified in the applicable Final Terms and any successor(s) thereto appointed in accordance with Collateral Security Condition 7.9;

**"Collateral Custodian"** means BNP Paribas Securities Services, Luxembourg Branch (or, from and including the Merger Date, BNP Paribas, Succursale de Luxembourg) and/or such other entity as is specified in the applicable Final Terms, and, if applicable, any sub-custodian of, or any other entity appointed by the Collateral Custodian;

**"Collateral Delivery Date"** means, in respect of a Collateral Pool, the date which the Security Trustee notifies to Holders that is intended by the Security Trustee to be the date on which it will deliver the Collateral Assets in such Collateral Pool to Holders in accordance with Collateral Security Condition 7.5;

**"Collateral Disposal Agent"** has the meaning given to it in Collateral Security Condition 5.2;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Collateral Enforcement Proceeds"** means, in respect of a series of Secured Securities, the product of (i) the proceeds of realisation of, or enforcement with respect to, the Charged Assets in a Collateral Pool relating to such series of Secured Securities and (ii) the Collateralised Percentage;

**"Collateral Exchange Agreement"** means an agreement between the Issuer and the Collateral Exchange Counterparty under which the Issuer may be required to transfer the relevant Specified Reference Collateral Assets to the Collateral Exchange Counterparty and in return receive Replacement Collateral Assets from the Collateral Exchange Counterparty as described in Collateral Security Condition 3.8;

**"Collateral Exchange Agreement Termination Payment"** means the termination payment due between the Issuer and the Collateral Exchange Counterparty upon early termination of the Collateral Exchange Agreement calculated in accordance with the terms of the relevant Collateral Exchange Agreement;

**"Collateral Exchange Counterparty"** means the entity specified as such in the applicable Final Terms;

**"Collateralisation Increase Percentage"** means a percentage equal to the percentage by which the aggregate Notional Amount of the Placed Secured Securities has increased on a Placed Secured Securities Increase Date;

**"Collateralisation Level"** means the percentage specified as such in the applicable Final Terms or if no such percentage is specified, 100 per cent.;

**"Collateralisation Reduction Percentage"** means a percentage equal to the percentage by which the aggregate Notional Amount of the Placed Secured Securities has decreased on a Placed Secured Securities Decrease Date;

**"Collateralised Percentage"** means, subject to a minimum of zero, the Collateralisation Level less the Excess Collateral Percentage;

**"Collateral Physical Settlement"** means, following the occurrence of an Early Redemption Event, the relevant Specified Reference Collateral Assets are to be delivered to the Holders of Secured Securities in accordance with Collateral Security Condition 5.4 and shall only apply to a series of Secured Securities where "Collateral Physical Settlement" is specified as applicable in the applicable Final Terms or in certain circumstances as set out in Collateral Security Condition 5.9 or Collateral Security Condition 5.10 (where applicable);

**"Collateral Pool"** means a pool of Collateral Assets held in a Collateral Account which secure one or more series of Secured Securities as specified in the applicable Final Terms;

**"Collateral Proceeds Share"** means, in respect of a series of Secured Securities, the pro rata share of a Secured Security within such series in the Collateral Enforcement Proceeds applicable to such series of Secured Securities as determined by the Collateral Calculation Agent and confirmed in writing to the Security Trustee;

**"Collateral Sale Proceeds"** means the product of (i) the net proceeds of the sale of the relevant Collateral Assets relating to the relevant series of Secured Securities in a Collateral Pool (including, where applicable, in accordance with the terms of Collateral Security Condition 5.3, the net proceeds of sale of any Credit Support Assets and/or Replacement Collateral Assets relating to such series of Secured Securities) and/or, where the relevant Collateral Assets have redeemed prior to any sale or where otherwise applicable (including where no sale of Collateral Assets is to take place pursuant to Collateral Security Condition 5.2), the redemption proceeds received from any such Collateral Assets which are

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

not required to be paid by the Issuer to the Swap Counterparty or other applicable Related Agreement Counterparty, in each case in accordance with the relevant Related Agreement and (ii) the Collateralised Percentage;

**"Collateral Settlement Disruption Event"** means any event beyond the control of the Security Trustee (or any disposal agent appointed by the Security Trustee), as a result of which it is impossible or illegal for the Security Trustee or its agent to deliver some or all of the relevant Entitlement to a Holder on the related Collateral Delivery Date due to failure of the relevant clearance system or due to any law, regulation, court order or market conditions;

**"Collateral Settlement Disruption Period"** means eight Business Days or such other period specified in the applicable Final Terms;

**"Collateral Trigger Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Collateral Valuation Date"** means the Initial Collateral Valuation Date and each subsequent date within the Collateral Valuation Period in which the Issuer or the Collateral Disposal Agent attempts to obtain firm bid quotations from dealers (including BNP Paribas) following the occurrence of an Early Redemption Event;

**"Collateral Valuation Period"** means a period of two months following the delivery of an Early Redemption Notice by, or on behalf of the Issuer;

**"Credit Auction Settlement Amount"** means in relation to any Reference Entity (as defined in Annex 12), an amount in the Settlement Currency as determined by the Calculation Agent as follows:

Max, (0, (A x 100% - B))

where:

**"A"** means the Reference Entity Notional Amount (as defined in Annex 12);

**"B"** means the Auction Final Price (as defined in Annex 12);

**"Credit Cash Settlement Amount"** means in relation to any Reference Entity (as defined in Annex 12), an amount in the Settlement Currency as determined by the Calculation Agent as follows:

Max, (0, (A x 100% - B))

where:

**"A"** means the Reference Entity Notional Amount (as defined in Annex 12);

**"B"** means the Final Price (as defined in Annex 12);

**"Credit Notional Value Repack Securities"** means Secured Securities to which this Part C of Annex 13 applies and to which Annex 12 (Additional Terms and Conditions for Credit Securities) is also specified to apply in the applicable Final Terms;

**"Credit Partial Redemption"** has the meaning given to it in Collateral Security Condition 5.6;

**"Credit Partial Redemption Amount"** has the meaning given to it in Collateral Security Condition 5.6;

**"Credit Settlement Amount"** means (a) where Auction Settlement is specified as applicable in the applicable Final Terms, the Credit Auction Settlement Amount or (b) where Cash Settlement is specified



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

as applicable in the applicable Final Terms or is the Fallback Settlement Method (as defined in Annex 12) specified in the Final Terms and a Fallback Settlement Event (as defined in Annex 12) occurs, the Credit Cash Settlement Amount;

**"Credit Support Assets"** means the assets which are transferred to the Issuer as collateral under a Credit Support Document or as margin securities under a Repurchase Agreement or as collateral under a Collateral Exchange Agreement;

**"Credit Support Document"** means a 1995 ISDA credit support annex (Bilateral Form – Transfer) (ISDA Agreements Subject to English Law) or such other document which is specified as such in the applicable Final Terms;

**"Credit Support Sale Proceeds"** means the net proceeds of the sale of the relevant Credit Support Assets relating to the relevant series of Secured Securities, and/or, where applicable the redemption proceeds received from any such Credit Support Assets; and, where such term is used in or in connection with Collateral Security Condition 5.4 or Collateral Security Condition 7.5 and a Collateral Exchange Agreement has been entered into in connection with the series of Secured Securities, shall also include the net proceeds of the sale of the relevant Replacement Collateral Assets relating to the relevant series of Secured Securities, and/or, where applicable, the redemption proceeds received from any such Replacement Collateral Assets and the term "Residual Credit Support Sale Proceeds" shall be construed accordingly;

**"Danish Payment Date"** has the meaning given to it in Collateral Security Condition 9;

**"Danish Record Date"** has the meaning given to it in Collateral Security Condition 9;

**"DC Credit Event Announcement"** means, with respect to a Reference Collateral Reference Entity, a public announcement by the DC Secretary that the relevant Credit Derivatives Determinations Committee has Resolved that an event that constitutes a Credit Event has occurred on or after the Credit Event Backstop Date and on or prior to the Extension Date;

**"Default Requirement"** means the amount as may be specified as such in the Final Terms or, if a Transaction Type is specified, the amount specified as such in the Physical Settlement Matrix or its equivalent in the relevant Obligation Currency (or, if no such amount is specified, U.S.\$ 10,000,000 or its equivalent in the relevant Obligation Currency), in either case, as of the occurrence of the relevant Early Redemption Event;

**"Deferred Interest Payment Date"** means:

- (a) where Deferral of Payments is specified as applicable in the Final Terms:
  - (i) subject to (iii) below, upon the occurrence of a Payment Deferment Event which is a Potential Failure to Pay, the date after the relevant scheduled Interest Payment Date which is the earlier of:
    - (A) the fifth Business Day after the day on which the Calculation Agent becomes aware that the Potential Failure to Pay has ceased to exist; and
    - (B) the fifth Business Day after the end of any applicable grace period; or
  - (ii) subject to (iii) below, where the Payment Deferment Event is an Outstanding DC Resolution, the date determined by the Calculation Agent) being not later than five Business Days following the day on which the relevant DC Credit Event

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Announcement, DC No Credit Event Announcement or DC Credit Event Question Dismissal has occurred; or

- (iii) where a Payment Deferment Event occurs on or after the Interest Payment Date immediately preceding the Scheduled Maturity Date and an Extension Notice has been served, the Final Deferred Payment Date; or
- (b) where Suspension of Payments is specified as applicable in the Final Terms, (i) the second Business Day following the final Business Day of the Suspension Period where no Early Redemption Event has occurred during the Suspension Period or, (ii) where the Calculation Agent determines that the circumstances giving rise to such potential Early Redemption Event have been remedied (if possible) or no longer exist prior to the end of the applicable grace period such that no related Early Redemption Event has occurred, the second Business Day following the date on which the Calculation Agent makes such determination;

**"Delayed Date"** has the meaning given to it in Collateral Security Condition 9;

**"Delivery Share"** means, in respect of a series of Secured Securities, the *pro rata* share of a Secured Security within such series in the Aggregate Delivery Share applicable to such series of Secured Securities as determined by the Collateral Calculation Agent and confirmed in writing to the Security Trustee;

**"Delivery Reduction Amount"** means the aggregate nominal amount of Specified Reference Collateral Assets which are sold (a) to make payments due in priority to the Holders in accordance with the applicable Priority of Payments or (b) to fund payment of any amounts due to the Swap Counterparty in accordance with Collateral Security Condition 5.19;

**"Designated Account"** has the meaning given to it in Collateral Security Condition 9;

**"Designated Bank"** has the meaning given to it in Collateral Security Condition 9;

**"Early Redemption Additional Proceeds Amount"** means the sum of any Swap Agreement Termination Payment, Repurchase Agreement Termination Payment and Collateral Exchange Agreement Termination Payment (where applicable) payable to the Issuer, which is received by the Issuer;

**"Early Redemption Amount"** means, save as provided in Collateral Security Condition 5.12(b) to (d) (inclusive) (where applicable), the Standard Early Redemption Amount unless one of Alternative Early Redemption Amount, Secured Security Highest Value, Secured Security Market Value or Secured Security Monetisation Option is specified as applicable in the applicable Final Terms in which case such amount will be determined in accordance with the definition of Alternative Early Redemption Amount, Secured Security Highest Value, Secured Security Market Value or Secured Security Monetisation Option, as the case may be, provided that:

- (a) where any of Secured Security Highest Value, Secured Security Market Value or Secured Security Monetisation Option is specified as applicable or is applicable in respect of an Early Redemption Event in respect of which an Early Redemption Notice is delivered, if the Calculation Agent determines that such Early Redemption Event constitutes a force majeure, ERE Force Majeure/No Unwind Costs shall apply; and

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (b) the Final Terms may specify that any of Alternative Early Redemption Amount, Standard Early Redemption Amount, Secured Security Highest Value, Secured Security Market Value or Secured Security Monetisation Option applies in respect of different Early Redemption Events;

**"Early Redemption Costs"** means, as determined by the Calculation Agent, an amount equal to the aggregate of (i) any amounts payable in respect of any Security Trustee's fees, costs and expenses, (ii) the fees, costs and expenses (if any) incurred by the Issuer and/or the Collateral Custodian in the sale of the Specified Reference Collateral Assets (if any), (iii) any Swap Agreement Termination Payment due from the Issuer to the Swap Counterparty, (iv) any Repurchase Agreement Termination Payment (where applicable) due from the Issuer to the Repo Counterparty, (v) any Collateral Exchange Agreement Termination Payment (where applicable) due from the Issuer to the Collateral Exchange Counterparty, (vi) where the Securities are Credit Notional Value Repack Securities and the relevant Early Redemption Event is a CDS Credit Event, a *pro rata* share per Security of any Credit Settlement Amount payable by the Issuer under the applicable credit default swap agreement entered into by the Issuer with the relevant Swap Counterparty and (vii) where Collateral Physical Settlement has been specified as applicable in respect of the relevant Early Redemption Event in the applicable Final Terms and there is a positive Excess Collateral Balance, an amount equal to the applicable Excess Collateral Balance Value;

**"Early Redemption Date"** means, in respect of a series of Secured Securities:

- (a) the date falling 10 Business Days following the sale of the relevant Collateral Assets by the Issuer in accordance with the Collateral Security Conditions or if the relevant Collateral Assets are redeemed prior to the sale of such Collateral Assets or an Adjusted Asset Redemption Event, Asset Redemption Event, RCA Makewhole Event or RCA Call Event is the subject of the relevant Early Redemption Notice and Collateral Sale is not specified as applicable in the applicable Final Terms in respect of the relevant Early Redemption Event, the date falling 10 Business Days following the receipt of the relevant redemption proceeds;
- (b) if the Issuer has been unable to sell the Collateral Assets in accordance with the Collateral Security Conditions or has received a firm bid quotation of zero in accordance with the Collateral Security Conditions, the Business Day following the end of the Collateral Valuation Period;
- (c) where the Securities are Credit Notional Value Repack Securities and the relevant Early Redemption Event is the occurrence of a CDS Credit Event, the date falling 10 Business Days following the later of (i) the sale of the relevant Collateral Assets by the Issuer in accordance with the Collateral Security Conditions and (ii) the date on which the amount payable under the credit default swap agreement entered into by the Issuer with the relevant Swap Counterparty is determined; or
- (d) where Essential Trigger is specified in the applicable Final Terms, the date notified to the Holders being not earlier than the date which would apply if sub-paragraphs (a) or (b) of this definition applied;

**"Early Redemption Delivery Reduction Amount"** means the aggregate nominal amount of Specified Reference Collateral Assets which are sold by the Issuer to finance payment of any Early Redemption Costs;

**"Early Redemption Delivery Share"** means, in respect of a series of Secured Securities, the pro rata share of a Secured Security within such series in the Aggregate Early Redemption Delivery Share applicable to such series of Secured Securities;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Early Redemption Event"** means the occurrence of one or more of the following events as specified as applicable in the applicable Final Terms in respect of the relevant Secured Securities:

- (a) Adjusted Asset Redemption Event;
- (b) Annex Early Redemption Event;
- (c) Asset Payment Default Event;
- (d) Asset Default Event;
- (e) Asset Redemption Event;
- (f) Asset Payment Shortfall Event;
- (g) CDS Credit Event;
- (h) MTM Trigger Redemption Event;
- (i) RCA Change in Law Event;
- (j) RCA Call Event;
- (k) RCA Interest Deferral or Reduction Event;
- (l) RCA Makewhole Event;
- (m) RCA Payment Default Event;
- (n) RCA Principal Deferral or Reduction Event;
- (o) RCA Regulatory Event;
- (p) RCA Repudiation/Moratorium Event;
- (q) RCA Restructuring Event;
- (r) RCA Tax Event;
- (s) RCA Issuer Bankruptcy Event;
- (t) RCA Issuer Bond Failure to Pay Event;
- (u) RCA Issuer Bond Restructuring Event;
- (v) RCA Issuer/Parent Bankruptcy Event;
- (w) RCA Issuer/Parent Payment Default Event;
- (x) RCA Issuer/Parent Restructuring Event;
- (y) RCA Issuer/Parent Governmental Intervention Event;
- (z) RCA Issuer/Parent Obligation Acceleration Event;
- (aa) RCA Issuer/Parent Repudiation/Moratorium Event;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (bb) Related Agreement Termination Event;
- (cc) RCA Non-Call Event;
- (dd) Standard Early Redemption Event;
- (ee) Obligor Early Redemption Event; and
- (ff) Other Early Redemption Event,

provided that, in respect of a series of Secured Securities different Early Redemption Events may be expressed to apply to each of the RCA Issuer, RCA Guarantor, RCA Parent, Eligible Collateral Issuer and/or Specified Reference Entity, as specified in the applicable Final Terms;

**"Early Redemption Notice"** means a notice delivered by the Issuer to the Holders in accordance with Security Condition 10 stating that an Early Redemption Event has occurred on or after the Event Trigger Date applicable to a series of Secured Securities;

**"Early Residual Proceeds Amount"** has the meaning given to it in Collateral Security Condition 5.4;

**"Eligible Collateral"** means assets which are one or more of the types of assets listed in the Eligible Collateral Annex;

**"Eligible Collateral Annex"** means the annex to these Collateral Security Conditions which sets out the type or types of assets which may constitute the Reference Collateral Assets in respect of any series of Secured Securities;

**"Eligible Collateral Issuer"** means the entity specified as such in the applicable Final Terms;

**"Eligible Collateral Issuer Obligations"** has the meaning given to it in Collateral Security Condition 3.10;

**"Enforcement Event"** means the delivery of an Acceleration Notice by the Security Trustee to each of the Issuer, the Principal Security Agent, the Collateral Custodian, the Swap Counterparty (if any), the Repo Counterparty (if any) and the Collateral Exchange Counterparty (if any);

**"Enforcement Expenses"** means all amounts due to the Security Trustee and/or any appointee or agent thereof or any receiver, including, without limitation, any costs, expenses taxes or other amounts incurred in connection with the realisation of, or enforcement with respect to the Collateral Assets in a Collateral Pool and distribution of such proceeds and/or, where applicable, delivery of Collateral Assets to the Holders of the related Secured Securities and any other unpaid amounts (including, without limitation, indemnity entitlements) payable to the Security Trustee and/or any appointee or agent thereof by the Issuer under the Security Trust Deed;

**"Enforcement Notice"** has the meaning given to it in Collateral Security Condition 7.2;

**"Equivalent Securities"** means securities which are equivalent to Collateral Assets where securities are "equivalent" to the relevant Collateral Assets for the purposes of these Collateral Security Conditions if they are (a) issued by the same issuer, (b) part of the same issue and (c) of an identical type, nominal amount, description and amount as those other securities;

**"ERE Force Majeure/No Unwind Costs"** means if ERE Force Majeure/No Unwind Costs is specified as the Early Redemption Amount, the Early Redemption Amount in respect of each Certificate shall be the fair market value of a Certificate, being equal to a *pro rata* share of the Unadjusted Proceeds;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Euroclear France Certificates"** has the meaning given to it in Collateral Security Condition 9;

**"Event of Default"** has the meaning given to it in Collateral Security Condition 7.1;

**"Event Trigger Date"** means the Trade Date or such other date specified in the applicable Final Terms where such date shall not be adjusted in accordance with any Business Day Convention;

**"Excess Collateral Amount"** has the meaning given to it in Collateral Security Condition 5.17;

**"Excess Collateral Balance"** means, on any day, and subject to a minimum of zero, the sum of each Excess Collateral Amount which is calculated in respect of a Denomination Matching Failure Event, subject to any adjustment in accordance with Collateral Security Condition 5.18;

**"Excess Collateral Balance Value"** means:

- (a) where Collateral Physical Settlement or Physical Delivery of Collateral is not applicable, an amount equal to the product of (i) the Collateral Sale Proceeds (calculated on the basis that the Collateralised Percentage is equal to 100 per cent) (in the case of an Early Redemption Event) or the Collateral Enforcement Proceeds (calculated on the basis that the Collateralised Percentage is equal to 100 per cent) (in the case of an Enforcement Event) and (ii) the Excess Collateral Percentage; or
- (b) where Collateral Physical Settlement or Physical Delivery of Collateral is applicable, an amount equal to the proportion of the proceeds of sale of Specified Reference Collateral Assets equal to the proportion the nominal amount of Specified Reference Collateral Assets in the Excess Collateral Balance represents of the nominal amount of Specified Reference Collateral Assets which are to be sold in accordance with Collateral Security Condition 5.4 or 7.5, as the case may be;

**"Excess Collateral Percentage"** means, on any day, the proportion of the aggregate Reference Nominal Amount of the Specified Reference Collateral Assets in a Collateral Pool represented by the Excess Collateral Balance (expressed as a percentage);

**"Extension Date"** means the latest of:

- (a) the Scheduled Redemption Date;
- (b) the date that is the number of days in the applicable grace period following an extension of the redemption of the Securities upon the occurrence of a Potential Failure to Pay on or prior to the Scheduled Redemption Date, if Failure to Pay is specified as an applicable Reference Collateral Credit Event in relation to a RCA Reference Entity in the Final Terms and the Calculation Agent delivers an Extension Notice under sub-paragraph (ii) of the definition thereof; and
- (c) the Repudiation/Moratorium Evaluation Date (if any) if Repudiation/Moratorium is specified as an applicable Reference Collateral Credit Event in relation to a RCA Reference Entity in the Final Terms and the Calculation Agent delivers an Extension Notice under sub-paragraph (c) of the definition thereof.

**"Extension Notice"** means a notice from the Calculation Agent to the Issuer giving notice of the following in relation to the relevant RCA Reference Entity:

- (a) without prejudice to sub-paragraphs (b), (c) and (d) below, that a Reference Collateral Credit Event has occurred or may occur on or prior to the Scheduled Redemption Date;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (b) (where applicable) that a Potential Failure to Pay has occurred or may occur on or prior to the Scheduled Redemption Date;
- (c) (where applicable) that a Potential Repudiation/Moratorium has occurred or may occur on or prior to the Scheduled Redemption Date; or
- (d) that a Credit Event Resolution Request Date has occurred or may occur on or prior to the last day of the Notice Delivery Period.

Following delivery of an Extension Notice, the Issuer, or the Calculation Agent on its behalf, will as soon as practicable notify the Holders of the Issuer's receipt of such notice and the postponement of redemption of the Securities;

**"Final Deferred Payment Date"** means:

- (a) where Deferral of Payments is specified as applicable in the Final Terms
  - (i) the later of:
    - (A) thirty Business Days after the Extension Date; and
    - (B) thirty Business Days after the date on which the relevant DC Credit Event Announcement, DC No Credit Event Announcement or DC Credit Event Question Dismissal has occurred; or
  - (ii) any such earlier day as determined by the Calculation Agent by giving notice to the Holders; or
- (b) where Suspension of Payments is specified as applicable in the Final Terms, (i) the second Business Day following the final Business Day of the Suspension Period where no Early Redemption Event has occurred during the Suspension Period or, (ii) where the Calculation Agent determines that the circumstances giving rise to the Suspension Event have been remedied (if possible) or no longer exist prior to the end of the applicable grace period such that no related Early Redemption Event has occurred, the second Business Day following the date on which the Calculation Agent makes such determination;

**"Final RCA Maturity Call Option Date"** means the RCA Maturity Call Option Date in respect of which the Specified Reference Collateral Assets are redeemed in full;

**"Final Security Value"** means, in respect of a Secured Security, (a) the relevant Secured Security's nominal value or (b) if Partial Nominal Value Collateralisation is specified as applicable in the applicable Final Terms relating thereto, the product of (i) the nominal value of such Secured Security and (ii) the Collateralisation Level applicable to the relevant series of Secured Securities;

**"Finnish Payment Date"** has the meaning given to it in Collateral Security Condition 9;

**"Finnish Record Date"** has the meaning given to it in Collateral Security Condition 9;

**"Governmental Authority"** means (i) any de facto or de jure government (or any agency, instrumentality, ministry or department thereof); (ii) any court, tribunal, administrative or other governmental, inter-governmental or supranational body; (iii) any authority or any other entity (private or public) either designated as a resolution authority or charged with the regulation or supervision of the financial markets (including a central bank) of the relevant RCA Issuer, the relevant RCA Reference

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Entity or some or of all of its obligations; or (iv) any other authority which is analogous to any of the entities specified in (i) to (iii).

**"Haircut"** means a percentage by which the market value of a Collateral Asset is discounted to mitigate possible depreciation in the value of the relevant Collateral Asset in the period between the last valuation of such Collateral Asset under the Repurchase Agreement and the realisation of such Collateral Asset.

**"Holder Election Notice"** means a notice delivered by the Issuer to the Holders in accordance with Security Condition 10 following the occurrence of an Early Redemption Event in respect of which the applicable Early Redemption Amount will be determined in accordance with the definition of Secured Security Monetisation Option giving the details set out in Collateral Security Condition 5.15;

**"Holders' Option Period"** is the period specified as such in the applicable Final Terms;

**"Holder Priority of Payments"** means the Collateral Enforcement Proceeds or the Collateral Assets (where Physical Delivery of Collateral is applicable) shall be used by the Security Trustee to make payments and/or, where Physical Delivery of Collateral is applicable, deliveries in the following order of priority (in each case only if and to the extent that payments of a higher priority have been made in full):

- (a) first, to pay any Enforcement Expenses to the Security Trustee and/or any appointee or agent thereof or any receiver appointed in connection with the relevant Collateral Pool;
- (b) secondly, to pay the aggregate Security Termination Amounts due in respect of the relevant Secured Securities and/or where Physical Delivery of Collateral is applicable, to deliver the aggregate applicable Delivery Shares due in respect of the relevant Secured Securities;
- (c) thirdly, rateably to pay the claims (if any) of the Swap Counterparty under each Swap Agreement relating to the relevant series of Secured Securities and each Collateral Exchange Counterparty under each Collateral Exchange Agreement relating to the relevant series of Secured Securities. If the moneys or, if applicable, Collateral Assets, received by the Security Trustee are not enough to pay such amounts in full, the Security Trustee shall apply them pro rata on the basis of the amount due to each party entitled to such payment; and
- (d) fourthly, the balance (if any) to the Issuer.

**"Initial Collateral Valuation Date"** means a Business Day in the Initial Collateral Valuation Period, as selected by the Issuer;

**"Initial Collateral Valuation Period"** means a period of one month following the delivery of an Early Redemption Notice by, or on behalf of, the Issuer;

**"Initial Posting Date"** means (a) the Issue Date or such other date or dates specified in the applicable Final Terms (the **"Scheduled Initial Posting Date"**) or (b) if Settlement Grace Period is specified as applicable in the applicable Final Terms, the date or dates falling not later than the number of Business Days equal to the Reference Collateral Assets Grace Period following such Scheduled Initial Posting Date;

**"ISDA"** means the International Swaps and Derivatives Association, Inc.;

**"Issuer"** means BNPP B.V.;

**"Latest Delivery Date"** means the later of the date 30 days following:



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (a) the delivery of an Enforcement Notice; or
- (b) where the Security Trustee (i) has requested that it be indemnified and/or secured and/or pre-funded prior to making any delivery of Specified Reference Collateral Assets and/or (ii) appoints a disposal agent to assist it in relation to enforcement, the later of the dates on which the Security Trustee is satisfied that it is sufficiently indemnified and/or secured and/or pre-funded and/or the Security Trustee has appointed a disposal agent,

provided that where a Collateral Settlement Disruption Event has occurred on the date which would otherwise be the Latest Delivery Date, such date shall not occur until at least five Business Days' following (i) such Collateral Settlement Disruption Event ceasing to apply or, (ii) where the Security Trustee determines that it is not possible for the relevant Collateral Settlement Disruption Event to be cured, the date of such determination;

**"Margin Securities"** means securities which have been delivered as collateral by the Repo Counterparty to the Issuer under the Repurchase Agreement;

**"Market Value Put Option"** has the meaning given to it in Collateral Security Condition 5.8;

**"Matching Quotation"** has the meaning given to it in Collateral Security Condition 5.3;

**"Minimum Number of Quotations"** means the number of quotations specified in the applicable Final Terms;

**"MTM Trigger Redemption Event"** means the occurrence of a Swap MTM Event, a Reference Collateral Assets MTM Event or a Secured Securities MTM Event, in each case provided that such event is specified as applicable in the applicable Final Terms;

**"MTM Trigger Valuation Method"** means:

- (a) where Calculation Agent Valuation is specified as applicable in the applicable Final Terms, the price determined by the Calculation Agent; or
- (b) where Dealer Poll Valuation is specified as applicable in the applicable Final Terms, the highest firm bid price obtained by the Calculation Agent having requested firm bid prices from at least three dealers (one of which may be BNP Paribas) on any Business Day, provided that where no firm bid prices can be obtained, the bid price determined by the Calculation Agent;

**"MTM Value"** means, in respect of a Security, the marked to market value (expressed as an amount) of such Certificate (taking into account all factors which the Collateral Calculation Agent determines relevant) immediately prior to the occurrence of an Enforcement Event, provided that no account shall be taken of the financial condition of (i) the Issuer which shall be deemed to be able to perform fully its obligations in respect of the Certificates or (ii) the Guarantor which shall be deemed to be able to perform fully its obligations in respect of the Guarantee and provided further that where the relevant Security is one to which Cash Settlement is applicable and is a Security in respect of which the Redemption Date was due to occur on or prior to the date on which the Enforcement Event occurred, the marked to market value of the Certificate, for the purpose of determining such amount, may not be less than the Cash Settlement Amount payable in respect thereof;

**"Net Proceeds"** has the meaning given to it in Collateral Security Condition 11;

**"nominal value"** means, in respect of any Secured Security, the Notional Amount of such Secured Security;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Norwegian Record Date"** has the meaning given to it in Collateral Security Condition 9;

**"Notional Value Repack Securities"** means Secured Securities to which this Part C of Annex 13 is specified to apply in the applicable Final Terms;

**"Obligation"** means:

- (a) any obligation of the relevant RCA Reference Entity (either directly or as provider of a Relevant Guarantee) determined pursuant to the Method for Determining Obligations; and
- (b) the relevant Reference Obligations,

in each case, unless it is an Excluded Obligation.

For purposes of the **"Method for Determining Obligations"**, the term "Obligation" may be defined as each obligation of the RCA Reference Entity described by the Obligation Category specified in respect thereof and having each of the Obligation Characteristics, if any, specified in respect thereof, in each case, immediately prior to the Early Redemption Event which is the subject of the Early Redemption Notice.

**"Obligation Category"** means Payment, Borrowed Money, Reference Obligation Only, Bond, Loan, or Bond or Loan, only one of which shall be specified in relation to a RCA Reference Entity;

**"Obligation Characteristic"** means any one or more of Not Subordinated, Specified Currency, Not Sovereign Lender, Not Domestic Currency, Not Domestic Law, Listed and Not Domestic Issuance as specified in relation to a RCA Reference Entity, provided that:

- (a) if either of the Obligation Characteristics "Listed" or "Not Domestic Issuance" is specified in the related Final Terms or is applicable in respect of the applicable Transaction Type, the Final Terms shall be construed as though the relevant Obligation Characteristic had been specified as an Obligation Characteristic only with respect to Bonds; and
- (b) if "Financial Entity Terms" and "RCA Issuer/Parent Governmental Intervention Event" are specified as applicable in respect of a RCA Reference Entity, if an obligation would otherwise satisfy a particular Obligation Characteristic, the existence of any terms in the relevant obligation in effect at the time of making the determination which permit the RCA Reference Entity's obligations to be altered, discharged, released or suspended in circumstances which would constitute a RCA Issuer/Parent Governmental Intervention Event shall not cause such obligation to fail to satisfy such Obligation Characteristic;

**"Obligation Currency"** means the currency or currencies in which an Obligation is denominated;

**"Obligor Early Redemption Event"** means the occurrence of one or more of the following events:

- (a) RCA Issuer/Parent Bankruptcy Event;
- (b) RCA Issuer/Parent Payment Default Event;
- (c) RCA Issuer/Parent Governmental Intervention Event;
- (d) RCA Issuer/Parent Obligation Acceleration Event;
- (e) RCA Issuer/Parent Repudiation/Moratorium Event; and

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

(f) RCA Issuer/Parent Restructuring Event;

"**Other Currency**" has the meaning given to it in Collateral Security Condition 3.13;

"**Other Early Redemption Event**" means the occurrence of one or more of the following events:

- (a) CDS Credit Event;
- (b) MTM Trigger Redemption Event;
- (c) RCA Call Event; and
- (d) RCA Makewhole Event;

"**Over Collateralisation Level**" is the percentage specified as such in the applicable Final Terms;

"**Par Redemption Period**" means the period specified in the applicable Final Terms;

"**Partial Redemption**" has the meaning given to it in Collateral Security Condition 5.7;

"**Payment Date**" has the meaning given to it in Collateral Security Condition 9;

"**Payment Deferral Event**" means:

- (a) where Deferral of Payments is specified as being applicable:
  - (i) the failure by a RCA Reference Entity to make, when and where due, any payments in an aggregate amount of not less than the Payment Requirement under one or more Obligations in accordance with the terms of such Obligations at the time of such failure (without regard to any grace period or any conditions precedent to the commencement of any grace period applicable to such Obligations) (a "**Potential Failure to Pay**"); or
  - (ii) (A) the DC Secretary has received a notice within the definition of "DC Credit Event Question" and (B) a DC Credit Event Announcement, a DC No Credit Event Announcement or a DC Credit Event Question Dismissal has not yet occurred (an "**Outstanding DC Resolution**"); or
  - (iii) on or after the Interest Payment Date immediately preceding the Scheduled Redemption Date, to the extent not covered by (i) and (ii) above, where an Extension Notice has been served; or
- (b) where Suspension of Payments is specified as being applicable or is deemed to apply in accordance with Collateral Security Condition 5.14, the occurrence of a Suspension Event;

"**Payment Requirement**" means the amount specified as such in the applicable Final Terms or its equivalent in the relevant Obligation Currency or, if a Payment Requirement is not so specified in the applicable Final Terms, U.S.\$ 1,000,000, or its equivalent as calculated by the Calculation Agent in the relevant Obligation Currency, in either case, as of the occurrence of the relevant RCA Issuer Bond Failure to Pay Event, RCA Issuer/Parent Payment Default Event, Failure to Pay or Potential Failure to Pay, as applicable;

"**Physical Delivery of Collateral**" means, following the occurrence of an Enforcement Event, Collateral Assets are to be delivered to the Holders of Secured Securities in accordance with Collateral Security

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Condition 7.5 and shall only apply to a series of Secured Securities where "Physical Delivery of Collateral" is specified as applicable in the applicable Final Terms;

**"Placed Secured Securities"** means, at any time, the number of Secured Securities outstanding less the number of any Secured Securities which form part of the BNPP Holding at such time;

**"Placed Secured Securities Decrease Date"** means any date after the Initial Posting Date on which the BNPP Holding increases;

**"Placed Secured Securities Increase Date"** means any date after the Initial Posting Date on which the BNPP Holding decreases;

**"Pledge"** means the Security Interests created, or intended to be created at any time in favour of the Security Trustee on behalf of the relevant Secured Parties under the Pledge Agreement relating to a Collateral Pool;

**"Pledge Agreement"** is as defined in Collateral Security Condition 3.2;

**"Pool Aggregate Final Security Value"** means, in respect of a Collateral Pool, the aggregate of the Final Security Values of each Secured Security which is secured by such Collateral Pool;

**"Priority Amounts"** means, following the occurrence of an Enforcement Event and in respect of a series of Secured Securities, the amounts which are payable in accordance with the applicable Priority of Payments in priority to amounts due to be paid or delivered to the Holders;

**"Priority of Payments"** means, in respect of a series of Secured Securities, Holder Priority of Payments, Swap Counterparty Priority of Payments, Repo Counterparty Priority of Payments or Swap Counterparty Priority of Payments – Subordination Flip as specified in the applicable Final Terms, being the order of priority in which payments will be made using the Collateral Enforcement Proceeds in respect of such series of Secured Securities;

**"Put Notice"** has the meaning given to it in Collateral Security Condition 5.8;

**"Put Option Redemption Amount"** means the Collateral Sale Proceeds less the Early Redemption Costs;

**"Put Optional Redemption Date"** has the meaning given to it in Collateral Security Condition 5.8;

**"Rating"** means the senior unsecured debt rating assigned by the three rating agencies Moody's Investor Service, Inc., Standard & Poor's Ratings Services, a division of Standard & Poor's Credit Market Service Europe Limited and Fitch Ratings or any of them, it being understood that if the ratings assigned in respect of an entity are not equivalent, only the highest one(s) will be taken into consideration;

**"RCA Call"** means any right of a RCA Issuer to redeem the relevant Specified Reference Collateral Assets early on the RCA Call Date in accordance with the terms thereof;

**"RCA Call Date"** means the date specified in the applicable Final Terms (as such date is adjusted for non-business days in accordance with the terms of the Specified Reference Collateral Assets);

**"RCA Call Event"** means a RCA Issuer elects to exercise any option it has under the terms of the relevant Specified Reference Collateral Assets to redeem such Specified Reference Collateral Assets in accordance with their terms (including, without limitation, where a RCA Residual Maturity Call Option Event occurs) other than where:

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (a) RCA Makewhole Event is an applicable Early Redemption Event and a RCA Makewhole Event occurs; or
- (b) RCA Maturity Call and Par Redemption are specified as applicable in the applicable Final Terms and a RCA Maturity Call Option Event occurs in the relevant Par Redemption Period,

provided that, such event shall be deemed to occur as of the later of (i) the relevant event being notified to the holders of the relevant Specified Reference Collateral Assets by, or on behalf, of the relevant RCA Issuer and (ii) the earlier of the Issuer or the Calculation Agent becoming aware of the occurrence of such event;

**"RCA Change in Law Event"** means on or after the Event Trigger Date, (a) due to the adoption of or any change in any applicable law or regulation (including, without limitation, any law or regulation in respect of tax, solvency or capital requirements), or (b) due to the promulgation of or any change in the interpretation by any court, tribunal or regulatory authority with competent jurisdiction of any applicable law or regulation (including any action taken by a taxing or financial authority), or the combined effect thereof if occurring more than once, the Issuer or the Calculation Agent determines in good faith and in a commercially reasonable manner that it has become illegal for (i) the Issuer to perform its obligations in respect of any Securities or the Swap Counterparty to perform its obligations in respect of any Swap Agreement, (ii) for the Issuer to hold, acquire or dispose of relevant hedge positions relating to any Securities or for the Swap Counterparty to hold, acquire or dispose of relevant hedge positions relating to any Swap Agreement save where such an event in (A) or (B) would constitute an Additional Disruption Event or an Optional Additional Disruption Event (in the case of Index Securities, Share Securities, Commodity Securities, Currency Securities, Underlying Interest Rate Securities or ETI Securities) or an Extraordinary Fund Event (in the case of Fund Securities) or an Extraordinary ETI Event (in the case of ETI Securities) or the Securities are Inflation Securities or an Additional Credit Security Disruption Event (in the case of Credit Securities), or (iii) for the Issuer to hold, acquire or dispose of any Reference Collateral Assets;

**"RCA Early Call Event"** means where RCA Makewhole Event is specified as applicable in the applicable Final Terms and a RCA Makewhole Event occurs, the occurrence of such RCA Makewhole Event or, where RCA Call Event is specified as applicable in the applicable Final Terms and a RCA Call Event occurs, the occurrence of such RCA Call Event;

**"RCA Guarantor"** means each guarantor of the relevant RCA Issuer's obligations in respect of any Specified Reference Collateral Assets;

**"RCA Interest Amount"** means the interest amount calculated in respect of an amount of Specified Reference Collateral Assets, equal to the RCA Nominal Amount in accordance with the terms and conditions of the Specified Reference Collateral Assets (as at the Trade Date) and calculated by reference to the RCA Interest Rate applicable to the Specified Reference Collateral Assets;

**"RCA Interest Deduction Amount"** means the sum of (a) any RCA Interest Amounts that would be payable in respect of a nominal amount of the Specified Reference Collateral Assets equal to the RCA Nominal Amount on the date the relevant Early Redemption Event has occurred (the **"Reference RCA Nominal Amount"**), from, and including, the Early Redemption Date to, and including, the scheduled Redemption Date of the Secured Securities (and, for this purpose, where the RCA Interest Rate is not a fixed rate, the interest rate applicable to the Specified Reference Collateral Assets for the period during which the relevant Early Redemption Event has occurred shall be used to calculate the RCA Interest Amounts for the purposes of this sub-paragraph (a)) if no Early Redemption Event had occurred and the Issuer held the Reference RCA Nominal Amount of the Specified Reference Collateral Assets until, and

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

including, the scheduled Redemption Date and (b) any RCA Interest Amounts payable on any Scheduled RCA Interest Payment Date in respect of the Reference RCA Nominal Amount of Specified Reference Collateral Assets prior to the Early Redemption Date which were not paid prior to the Early Redemption Date;

**"RCA Interest Deferral or Reduction Event"** means any deferral, postponement, capitalisation or reduction (in part or in full) of one or more interest payments under the relevant Specified Reference Collateral Assets and/or reduction of the applicable RCA Interest Rate set out in the terms of the relevant Specified Reference Collateral Assets as of the Trade Date (after taking account of any applicable grace period under the terms of the relevant Specified Reference Collateral Assets and adjustments for non-business days) (an **"Interest Deferral Event"**), regardless of whether or not such Interest Deferral Event is permitted by the terms of such Specified Reference Collateral Assets and whether or not such Interest Deferral Event leads to an event of default under the terms of the Specified Reference Collateral Assets and no regard shall be had as to whether any such interest payment is (a) deferred or postponed for potential later payment or (b) is reduced (in part or in full) with no possibility for later payment;

**"RCA Interest Rate"** means the interest rate applicable to the relevant Specified Reference Collateral Assets in accordance with the terms and conditions of the Specified Reference Collateral Assets (as at the Trade Date);

**"RCA Issuer"** means the issuer or primary obligor in respect of any of the relevant Specified Reference Collateral Assets or the Successor thereto;

**"RCA Issuer Bankruptcy Event"** means the RCA Issuer or RCA Guarantor in respect of any of the relevant Reference Collateral Assets:

- (a) is dissolved (other than pursuant to a consolidation, amalgamation or merger);
- (b) becomes insolvent or is unable to pay its debts or fails or admits in writing in a judicial, regulatory or administrative proceeding or filing its inability generally to pay its debts as they become due;
- (c) makes a general assignment, arrangement, scheme or composition with or for the benefit of its creditors generally, or such a general assignment, arrangement, scheme or composition becomes effective;
- (d) institutes or has instituted against it a proceeding seeking a judgment of insolvency or bankruptcy or any other similar relief under any bankruptcy or insolvency law or other law affecting creditors' rights, or a petition is presented for its winding-up or liquidation, and, in the case of any such proceeding or petition instituted or presented against it, such proceeding or petition: (i) results in a judgment of insolvency or bankruptcy or the entry of an order for relief or the making of an order for its winding-up or liquidation; or (ii) is not dismissed, discharged, stayed or restrained in each case within thirty calendar days of the institution or presentation thereof;
- (e) has a resolution passed for its winding-up or liquidation (other than pursuant to a consolidation, amalgamation or merger);
- (f) seeks or becomes subject to the appointment of an administrator, provisional liquidator, conservator, receiver, trustee, custodian or other similar official for it or for all or substantially all its assets;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (g) has a secured party take possession of all or substantially all its assets or has a distress, execution, attachment, sequestration or other legal process levied, enforced or sued on or against all or substantially all its assets and such secured party maintains possession, or any such process is not dismissed, discharged, stayed or restrained, in each case within thirty calendar days thereafter; or
- (h) causes or is subject to any event with respect to it which, under the applicable laws of any jurisdiction, has an analogous effect to any of the events specified in sub-paragraphs (a) to (g) (inclusive) above;

**"RCA Issuer Bonds"** means:

- (a) any obligation of the relevant RCA Reference Entity (either directly or as provider of a Relevant Guarantee) which is a Bond and having each of the Obligation Characteristics, if any, specified in respect thereof, in each case, immediately prior to the Early Redemption Event which is the subject of the Early Redemption Notice; and
- (b) the relevant Reference Obligations,

in each case, unless it is an Excluded Obligation;

**"RCA Issuer Bond Failure to Pay Event"** means, after the expiration of any applicable grace period (after the satisfaction of any conditions precedent to the commencement of such grace period), the failure by a RCA Reference Entity to make, when and where due, any payments in an aggregate amount of not less than the Payment Requirement under one or more RCA Issuer Bonds in accordance with the terms of such RCA Issuer Bonds at the time of such failure.

If an occurrence that would constitute a RCA Issuer Bond Failure to Pay Event (a) is a result of a redenomination that occurs as a result of action taken by a Governmental Authority which is of general application in the jurisdiction of such Governmental Authority and (b) a freely available market rate of conversion existed at the time of the redenomination, then such occurrence will be deemed not to constitute a RCA Issuer Bond Failure to Pay Event unless the redenomination itself constituted a reduction in the rate or amount of interest, principal or premium payable (as determined by reference to such freely available market rate of conversion) at the time of such redenomination;

**"RCA Issuer Bond Restructuring Event"** means:

- (a) that, with respect to one or more RCA Issuer Bonds and in relation to an aggregate amount of not less than the Default Requirement, any one or more of the following events occurs in a form that binds all holders of such Obligation, is agreed between the relevant RCA Reference Entity or a Governmental Authority and a sufficient number of holders of such RCA Issuer Bond to bind all holders of such RCA Issuer Bond or is announced (or otherwise decreed) by the RCA Reference Entity or a Governmental Authority in a form that binds all holders of such RCA Issuer Bonds (including, in each case by way of an exchange), and such event is not expressly provided for under the terms of such RCA Issuer Bond in effect as of the later of the Event Trigger Date and the date as of which such RCA Issuer Bond is issued:
  - (i) a reduction in the rate or amount of interest payable or the amount of scheduled interest accruals (including by way of redenomination);
  - (ii) a reduction in the amount of principal or premium payable at redemption (including by way of redenomination);

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (iii) a postponement or other deferral of a date or dates for either (A) the payment or accrual of interest, or (B) the payment of principal or premium;
  - (iv) a change in the ranking in priority of payment of any RCA Issuer Bond, causing the Subordination of such RCA Issuer Bond to any other RCA Issuer Bond; or
  - (v) any change in the currency of any payment of interest, principal or premium to any currency other than the lawful currency of Canada, Japan, Switzerland, the United Kingdom and the United States of America and the euro and any successor currency to any of the aforementioned currencies (which in the case of the euro, shall mean the currency which succeeds to and replaces the euro in whole).
- (b) Notwithstanding the provisions of (a) above, none of the following shall constitute a RCA Issuer Bond Restructuring Event:
  - (i) the payment in euros of interest, principal or premium in relation to a RCA Issuer Bond denominated in a currency of a Member State of the European Union that adopts or has adopted the single currency in accordance with the Treaty establishing the European Community, as amended by the Treaty on European Union;
  - (ii) the redenomination from euros into another currency, if (A) the redenomination occurs as a result of action taken by a Governmental Authority of a Member State of the European Union which is of general application in the jurisdiction of such Governmental Authority and (B) a freely available market rate of conversion between euros and such other currency existed at the time of such redenomination and there is no reduction in the rate or amount of interest, principal or premium payable, as determined by reference to such freely available market rate of conversion;
  - (iii) the occurrence of, agreement to or announcement of any of the events described in (a)(i) to (v) above due to an administrative adjustment, accounting adjustment or tax adjustment or other technical adjustment occurring in the ordinary course of business; and
  - (iv) the occurrence of, agreement to or announcement of any of the events described in (a)(i) to (v) above in circumstances where such event does not directly or indirectly result from a deterioration in the creditworthiness or financial condition of the RCA Reference Entity, provided that in respect of (a)(v) only, no such deterioration in the creditworthiness or financial condition of the RCA Reference Entity is required where the redenomination is from euros into another currency and occurs as a result of action taken by a Governmental Authority of a Member State of the European Union which is of general application in the jurisdiction of such Governmental Authority.
- (c) For the purposes of (a) and (b) above, the term "RCA Issuer Bond" shall be deemed to include Underlying Obligations which are Bonds for which the RCA Reference Entity is acting as provider of a Guarantee. In the case of a Guarantee and an Underlying Obligation, references to the RCA Reference Entity in (a) above shall be deemed to refer to the Underlying Obligor and the reference to the RCA Reference Entity in (b) above shall continue to refer to the RCA Reference Entity.
- (d) If an exchange has occurred, the determination as to whether one of the events described under (a)(i) to (v) above has occurred will be based on a comparison of the terms of the RCA Issuer



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Bond immediately prior to such exchange and the terms of the resulting obligations immediately following such exchange.

Unless "Multiple Holder Obligation" is specified as not applicable in the applicable Final Terms, notwithstanding anything to the contrary in the definition of "RCA Issuer Bond Restructuring Event" and related provisions, the occurrence of, agreement to, or announcement of, any of the events described in sub paragraph (a)(i) to (a)(v) (inclusive) thereof shall not be a RCA Issuer Bond Restructuring Event unless the RCA Issuer Bond in respect of any such events is a Multiple Holder Obligation, provided that any obligation that is a Bond shall be deemed to satisfy the requirements of sub-paragraph (b) of the definition of "Multiple Holder Obligation";

**"RCA Issuer/Parent Bankruptcy Event"** means a RCA Reference Entity:

- (a) is dissolved (other than pursuant to a consolidation, amalgamation or merger);
- (b) becomes insolvent or is unable to pay its debts or fails or admits in writing in a judicial, regulatory or administrative proceeding or filing its inability generally to pay its debts as they become due;
- (c) makes a general assignment, arrangement, scheme or composition with or for the benefit of its creditors generally, or such a general assignment, arrangement, scheme or composition becomes effective;
- (d) institutes or has instituted against it a proceeding seeking a judgment of insolvency or bankruptcy or any other similar relief under any bankruptcy or insolvency law or other law affecting creditors' rights, or a petition is presented for its winding-up or liquidation, and, in the case of any such proceeding or petition instituted or presented against it, such proceeding or petition:
  - (i) results in a judgment of insolvency or bankruptcy or the entry of an order for relief or the making of an order for its winding-up or liquidation; or
  - (ii) is not dismissed, discharged, stayed or restrained in each case within thirty calendar days of the institution or presentation thereof;
- (e) has a resolution passed for its winding-up or liquidation (other than pursuant to a consolidation, amalgamation or merger);
- (f) seeks or becomes subject to the appointment of an administrator, provisional liquidator, conservator, receiver, trustee, custodian or other similar official for it or for all or substantially all its assets;
- (g) has a secured party take possession of all or substantially all its assets or has a distress, execution, attachment, sequestration or other legal process levied, enforced or sued on or against all or substantially all its assets and such secured party maintains possession, or any such process is not dismissed, discharged, stayed or restrained, in each case within thirty calendar days thereafter; or
- (h) causes or is subject to any event with respect to it which, under the applicable laws of any jurisdiction, has an analogous effect to any of the events specified in sub-paragraphs (a) to (g) (inclusive) above;

**"RCA Issuer/Parent Governmental Intervention Event"** means:

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (a) that, with respect to one or more Obligations and in relation to an aggregate amount of not less than the Default Requirement, any one or more of the following events occurs as a result of action taken or an announcement made by a Governmental Authority pursuant to, or by means of, a restructuring and resolution law or regulation (or any other similar law or regulation), in each case, applicable to the RCA Reference Entity in a form which is binding, irrespective of whether such event is expressly provided for under the terms of such Obligation:
- (i) any event which would affect creditors' rights so as to cause:
    - (A) a reduction in the rate or amount of interest payable or the amount of scheduled interest accruals (including by way of redenomination);
    - (B) a reduction in the amount of principal or premium payable at redemption (including by way of redenomination);
    - (C) a postponement or other deferral of a date or dates for either (I) the payment or accrual of interest, or (II) the payment of principal or premium; or
    - (D) a change in the ranking in priority of payment of any Obligation, causing the Subordination of such Obligation to any other Obligation;
  - (ii) an expropriation, transfer or other event which mandatorily changes the beneficial holder of the Obligation;
  - (iii) a mandatory cancellation, conversion or exchange; or
  - (iv) any event which has an analogous effect to any of the events specified in (a)(i) to (a)(iii) above.
- (b) For purposes of (a) above, the term Obligation shall be deemed to include Underlying Obligations for which the RCA Reference Entity is acting as provider of a Guarantee;
- (c) The following provisions shall apply in respect of a RCA Reference Entity if the "CoCo Supplement" is applicable:
- (i) If, with respect to one or more Obligations and in relation to an aggregate amount of not less than the Default Requirement, the operation of one or more CoCo Provisions results in (i) a permanent or temporary reduction of the amount of principal payable at redemption or (ii) a conversion of principal into shares or another instrument, such event shall be deemed to constitute a RCA Issuer/Parent Governmental Intervention Event falling within paragraph (a) of the definition above.
  - (ii) A CoCo Provision shall be deemed to be a provision which permits a RCA Issuer/Parent Governmental Intervention Event for all purposes.
  - (iii) The following terms shall have the following meanings:
    - "Coco Provision"** means, with respect to an Obligation, a provision which requires (A) a permanent or temporary reduction of the amount of principal payable at redemption or (B) a conversion of principal into shares or another instrument, in each case, if the Capital Ratio is at or below the Trigger Percentage.
    - "Trigger Percentage"** means the trigger percentage specified in respect of the Reference Entity (or if no such trigger percentage is specified, 5.25 per cent.).

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Capital Ratio"** means the ratio of capital to risk weighted assets applicable to the Obligation, as described in the terms thereof in effect from time to time.

**"RCA Issuer/Parent Obligation Acceleration Event"** means one or more Obligations in an aggregate amount of not less than the Default Requirement have become due and payable before they would otherwise have been due and payable as a result of, or on the basis of, the occurrence of a default, event of default or other similar condition or event (however described), other than a failure to make any required payment, in respect of the RCA Reference Entity under one or more Obligations;

**"RCA Issuer/Parent Payment Default Event"** means, after the expiration of any applicable grace period (after the satisfaction of any conditions precedent to the commencement of such grace period), the failure by a RCA Reference Entity to make, when and where due, any payments in an aggregate amount of not less than the Payment Requirement under one or more Obligations in accordance with the terms of such Obligations at the time of such failure.

If an occurrence that would constitute a RCA Issuer/Parent Payment Default Event (a) is a result of a redenomination that occurs as a result of action taken by a Governmental Authority which is of general application in the jurisdiction of such Governmental Authority and (b) a freely available market rate of conversion existed at the time of the redenomination, then such occurrence will be deemed not to constitute a RCA Issuer/Parent Payment Default Event unless the redenomination itself constituted a reduction in the rate or amount of interest, principal or premium payable (as determined by reference to such freely available market rate of conversion) at the time of such redenomination;

**"RCA Issuer/Parent Repudiation/Moratorium Event"** means the occurrence of both of the following events:

- (a) an authorised officer of the RCA Reference Entity or a Governmental Authority:
  - (i) disaffirms, disclaims, repudiates or rejects, in whole or in part, or challenges the validity of, one or more Obligations in an aggregate amount of not less than the Default Requirement; or
  - (ii) declares or imposes a moratorium, standstill, roll-over or deferral, whether de facto or de jure, with respect to one or more Obligations in an aggregate amount of not less than the Default Requirement; and
- (b) a Failure to Pay, determined without regard to the Payment Requirement, or a Restructuring, determined without regard to the Default Requirement, with respect to any such Obligation occurs on or prior to the Repudiation/Moratorium Evaluation Date;

**"RCA Issuer/Parent Restructuring Event"** means:

- (a) that, with respect to one or more Obligations and in relation to an aggregate amount of not less than the Default Requirement, any one or more of the following events occurs in a form that binds all holders of such Obligation, is agreed between the relevant RCA Reference Entity or a Governmental Authority and a sufficient number of holders of such Obligation to bind all holders of such Obligation or is announced (or otherwise decreed) by the RCA Reference Entity or a Governmental Authority in a form that binds all holders of such Obligation (including, in each case, in respect of Bonds only, by way of an exchange), and such event is not expressly provided for under the terms of such Obligation in effect as of the later of the Event Trigger Date and the date as of which such Obligation is issued or incurred:

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (i) a reduction in the rate or amount of interest payable or the amount of scheduled interest accruals (including by way of redenomination);
  - (ii) a reduction in the amount of principal or premium payable at redemption (including by way of redenomination);
  - (iii) a postponement or other deferral of a date or dates for either (A) the payment or accrual of interest, or (B) the payment of principal or premium;
  - (iv) a change in the ranking in priority of payment of any Obligation, causing the Subordination of such Obligation to any other Obligation; or
  - (v) any change in the currency of any payment of interest, principal or premium to any currency other than the lawful currency of Canada, Japan, Switzerland, the United Kingdom and the United States of America and the euro and any successor currency to any of the aforementioned currencies (which in the case of the euro, shall mean the currency which succeeds to and replaces the euro in whole).
- (b) Notwithstanding the provisions of (a) above, none of the following shall constitute a RCA Issuer/Parent Restructuring Event:
  - (i) the payment in euros of interest, principal or premium in relation to an Obligation denominated in a currency of a Member State of the European Union that adopts or has adopted the single currency in accordance with the Treaty establishing the European Community, as amended by the Treaty on European Union;
  - (ii) the redenomination from euros into another currency, if (A) the redenomination occurs as a result of action taken by a Governmental Authority of a Member State of the European Union which is of general application in the jurisdiction of such Governmental Authority and (B) a freely available market rate of conversion between euros and such other currency existed at the time of such redenomination and there is no reduction in the rate or amount of interest, principal or premium payable, as determined by reference to such freely available market rate of conversion;
  - (iii) the occurrence of, agreement to or announcement of any of the events described in (a)(i) to (v) above due to an administrative adjustment, accounting adjustment or tax adjustment or other technical adjustment occurring in the ordinary course of business; and
  - (iv) the occurrence of, agreement to or announcement of any of the events described in (a)(i) to (v) above in circumstances where such event does not directly or indirectly result from a deterioration in the creditworthiness or financial condition of the RCA Reference Entity, provided that in respect of (a)(v) only, no such deterioration in the creditworthiness or financial condition of the RCA Reference Entity is required where the redenomination is from euros into another currency and occurs as a result of action taken by a Governmental Authority of a Member State of the European Union which is of general application in the jurisdiction of such Governmental Authority.
- (c) For the purposes of (a) and (b) above, the term "Obligation" shall be deemed to include Underlying Obligations for which the RCA Reference Entity is acting as provider of a Guarantee. In the case of a Guarantee and an Underlying Obligation, references to the RCA Reference Entity in (a) above shall be deemed to refer to the Underlying Obligor and the

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

reference to the RCA Reference Entity in (b) above shall continue to refer to the RCA Reference Entity.

- (d) If an exchange has occurred, the determination as to whether one of the events described under (a)(i) to (v) above has occurred will be based on a comparison of the terms of the Bond immediately prior to such exchange and the terms of the resulting obligations immediately following such exchange.

Unless "Multiple Holder Obligation" is specified as not applicable in the applicable Final Terms, notwithstanding anything to the contrary in the definition of "RCA Issuer/Parent Restructuring Event" and related provisions, the occurrence of, agreement to, or announcement of, any of the events described in sub paragraph (a)(i) to (a)(v) (inclusive) thereof shall not be a RCA Issuer/Parent Restructuring Event unless the Obligation in respect of any such events is a Multiple Holder Obligation, provided that any obligation that is a Bond shall be deemed to satisfy the requirements of sub-paragraph (b) of the definition of "Multiple Holder Obligation";

**"RCA Makewhole Event"** means a RCA Issuer elects in accordance with the terms of the relevant Specified Reference Collateral Assets to redeem the Specified Reference Collateral Assets in whole or in part prior to their scheduled maturity date for an amount equal to the principal amount of such Specified Reference Collateral Assets together with a makewhole amount (howsoever described including where the amount required to be paid on redemption on account of principal is greater than par) provided that such event shall be deemed to occur as of the later of (a) the relevant event being notified to the holders of the relevant Specified Reference Collateral Assets by, or on behalf, of the relevant RCA Issuer and (b) the earlier of the Issuer or the Calculation Agent becoming aware of the occurrence of such event;

**"RCA Merger Event"** means that at any time during the period from (and including) the Trade Date to (but excluding) the RCA Maturity Date (or if Adjusted Asset Redemption Event is an applicable Early Redemption Event and RCA Call Maturity is not applicable, the RCA Call Date), the Issuer:

- (a) becomes aware that a RCA Reference Entity has consolidated or amalgamated with, or merged into, or transferred all or substantially all of its assets to, a Holder ("**RCA Reference Entity/Holder Merger**"); or
- (b) itself or the Guarantor consolidates or amalgamates with, or merges into, or transfers all or substantially all of its assets to, a RCA Reference Entity ("**RCA Reference Entity/Issuer/Guarantor Merger**");

**"RCA Nominal Amount"** means the nominal amount of Specified Reference Collateral Assets specified in the applicable Final Terms (the "**Initial RCA Nominal Amount**") provided that such nominal amount of Specified Reference Collateral Assets will be (a) reduced (i) where the Specified Reference Collateral Assets are redeemed in part only on a RCA Residual Maturity Call Option Date, RCA Maturity Call Option Date or RCA Call Date, as the case may be, by the nominal amount of the Specified Reference Collateral Assets held by the Issuer which are redeemed on such RCA Residual Maturity Call Option Date, RCA Maturity Call Option Date or RCA Call Date, as the case may be, (ii) in the same proportion as the aggregate Notional Amount of the Securities is reduced in connection with any purchase and cancellation of the Securities (subject to any adjustment in accordance with Collateral Security Condition 5.17 in connection with such purchase and cancellation), (iii) in the same proportion as the aggregate Notional Amount of the Placed Secured Securities is reduced where the BNPP Holding increases and (iv) in any other circumstances set out in these Collateral Security Conditions which envisage such a

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

reduction, by the amount of such reduction or (b) increased in the same proportion as the aggregate Notional Amount of the Placed Secured Securities is increased where the BNPP Holding is reduced;

**"RCA Non-Call Event"** means the relevant RCA Issuer does not validly exercise (regardless of the reason) an RCA Call in accordance with the terms and conditions of the Specified Reference Collateral Assets;

**"RCA Parent"** means, in relation to any RCA Issuer, any entity that controls, directly or indirectly, the person or any entity directly or indirectly. For this purpose, "control" of any entity or person means ownership of a majority of the voting power of the entity or person;

**"RCA Payment Default Event"** means:

- (a) unless No Grace Period is specified as applicable in the applicable Final Terms, after the expiration of any applicable grace period (after the satisfaction of any conditions precedent to the commencement of such grace period):
  - (i) the failure by a RCA Reference Entity to make, when and where due, any payments under the Specified Reference Collateral Assets in accordance with the terms of such Specified Reference Collateral Assets at the time of such failure; and/or
  - (ii) the occurrence of a payment default (howsoever described) in respect of any of the relevant Specified Reference Collateral Assets relating to the relevant series of Secured Securities; or
- (b) where No Grace Period is specified as applicable in the applicable Final Terms, in each case, without regard to any grace period which may be applicable with respect to the relevant Specified Reference Collateral Assets (and disregarding any terms allowing for non-payment, deferral or adjustments to any scheduled payments and any notice period in respect thereof):
  - (i) the failure by a RCA Reference Entity to make, when and where due, any payments under the Specified Reference Collateral Assets in accordance with the terms of such Specified Reference Collateral Assets at the time of such failure; and/or
  - (ii) the occurrence of a payment default a payment default (howsoever described) in respect of any of the relevant Specified Reference Collateral Assets relating to the relevant series of Secured Securities;

**"RCA Principal Deferral or Reduction Event"** means any deferral, postponement or reduction (in part or in full) of the scheduled repayment of principal under the relevant Specified Reference Collateral Assets as set out in the terms of the relevant Specified Reference Collateral Assets as of the Trade Date (after taking account of any applicable grace period under the terms of the relevant Specified Reference Collateral Assets and adjustments for non-business days) (a **"Principal Deferral Event"**), regardless of whether or not such Principal Deferral Event is permitted by the terms of such Specified Reference Collateral Assets or whether or not such Principal Deferral Event leads to an event of default under the terms of the Specified Reference Collateral Assets and no regard shall be had as to whether any such payment is (a) deferred or postponed for potential later payment or (b) is reduced (in part or in full) with no possibility for later payment;

**"RCA Reference Entity"** means each of the RCA Issuer, the RCA Guarantor, the RCA Parent, the Eligible Collateral Issuer or the Specified Reference Entity specified as a "RCA Reference Entity" in the applicable Final Terms;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"RCA Regulatory Event"** means:

- (a) any event occurs as a result of action taken or announcement made by a governmental authority pursuant to, or by means of, a restructuring and resolution law or regulation or any other similar law or regulation, in any case, irrespective of whether such event is expressly provided for under the terms of the Specified Reference Collateral Assets which would cause (i) a reduction in the amount of interest payable or the amount of scheduled interest accruals (including by way of redenomination), (ii) a reduction in the amount of principal or premium payable at maturity or at scheduled redemption dates (including by way of redenomination), (iii) a postponement or other deferral of a date or dates for either (1) the payment or accrual of interest or (2) the payment of principal or premium, (iv) a change in the ranking in priority of payment of any obligation of the issuer of the Specified Reference Collateral Assets, causing the subordination of the Reference Collateral Assets to any other obligation, or (v) any change in the currency or composition of any payment of interest or principal under the Specified Reference Collateral Assets; or
- (b) any expropriation, transfer or other event which mandatorily changes the beneficial holder of the Specified Reference Collateral Assets, or a mandatory cancellation, conversion or exchange in respect of the Specified Reference Collateral Assets; or
- (c) the occurrence of any event which has an analogous effect to any of the events specified in (a) and/or (b);

**"RCA Repudiation/Moratorium Event"** means an authorised officer of the relevant RCA Issuer or any RCA Guarantor or a governmental authority disaffirms, disclaims, repudiates or rejects, in whole or in part, or challenges the validity of the Specified Reference Collateral Assets or declares or imposes a moratorium, standstill, roll-over or deferral, whether de facto or de jure, with respect to the Specified Reference Collateral Assets;

**"RCA Residual Maturity Call Option Event"** means where the relevant RCA Issuer has the right to redeem the Specified Reference Collateral Assets in whole or in part prior to their scheduled maturity date for an amount equal to the principal amount of such Specified Reference Collateral Assets together with a makewhole amount (howsoever described including where the amount required to be paid on redemption on account of principal is greater than par) and it also has a right to redeem the Specified Reference Collateral Assets at any time from a certain date prior to their scheduled redemption date (the **"RCA Residual Maturity Call Option Date"**) at an amount equal to the nominal amount of the Specified Reference Collateral Assets plus accrued interest (the **"RCA Residual Maturity Call Option"**) and the RCA Issuer exercises the RCA Residual Maturity Call Option;

**"RCA Restructuring Event"** means the Calculation Agent determines that, on or after the Event Trigger Date, any of the following has occurred in respect of the relevant Specified Reference Collateral Assets:

- (a) any event (by way of change to the actual terms and conditions applicable to the Specified Reference Collateral Assets or by way of exchange of the Specified Reference Collateral Assets with another asset) which would cause (1) a reduction in the amount of interest payable or the amount of scheduled interest accruals, (2) a reduction in the amount of principal or premium payable at maturity or at scheduled redemption dates, (3) a postponement or other deferral of a date or dates for either (I) the payment or accrual of interest or (II) the payment of principal or premium, (4) a change in the ranking in priority of payment of any obligation of the issuer of the Specified Reference Collateral Assets, causing the subordination of the Specified Reference

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Collateral Assets to any other obligation or any change in the currency or composition of any payment of interest or principal under the Reference Collateral Assets; or

- (b) any expropriation, transfer or other event which mandatorily changes the beneficial holder of the Specified Reference Collateral Assets or a cancellation, conversion or compulsory exchange of the Specified Reference Collateral Assets; or
- (c) any event analogous to the events specified in (a) and/or (b);

**"RCA Tax Event"** means on or after the Event Trigger Date, (a) due to the adoption of any change in any applicable law or regulation (including, without limitation, any tax law) or (b) due to the promulgation of or any change in the interpretation by any court, tribunal or regulatory authority with competent jurisdiction of any applicable law or regulation (including any action taken by a taxing authority or brought in a court of competent jurisdiction), either (i) any amount is required to be deducted or withheld for or on account of any tax, levy, impost, duty, charge, assessment or fee of any nature imposed by any government or other taxing authority in respect of any payment to be received by the Issuer under one or more Specified Reference Collateral Asset or (ii) the Issuer becomes obliged to pay any amount for or on account of any tax, levy, impost, duty, charge, assessment or fee of any nature imposed by any government or other taxing authority in respect of (A) any payment received by the Issuer under one or more Specified Reference Collateral Asset or (B) holding, acquiring or disposing of any Specified Reference Collateral Asset;

**"Realisation Amount"** means the Collateral Proceeds Share due in respect of a Secured Security, less a pro rata share of any Priority Amounts due in respect of the relevant series of Secured Securities;

**"Received Collateral"** means Reference Collateral Assets which have been transferred to the Collateral Exchange Counterparty by the Issuer pursuant to the Collateral Exchange Agreement in respect of which the Collateral Exchange Counterparty has not transferred Equivalent Securities;

**"Record Date"** has the meaning given to it in Collateral Security Condition 9;

**"Redeemed Amount"** means where a Certificate is to be redeemed in part only, the portion of the Notional Amount of the Certificate which is being redeemed;

**"Redemption Date"** has the meaning given to it in Collateral Security Condition 8.1;

**"Reference Collateral Assets"** means the securities which are specified in the applicable Final Terms as the Reference Collateral Assets for the relevant Collateral Pool and fall within the definition of Eligible Collateral in the Eligible Collateral Annex;

**"Reference Collateral Assets Grace Period"** means the number of Business Days specified as such in the applicable Final Terms;

**"Reference Collateral Assets MTM Event"** means the bid price (exclusive of accrued interest) in respect of Specified Reference Collateral Assets with an aggregate nominal amount outstanding equal to the aggregate nominal amount outstanding of the Specified Reference Collateral Assets in the Collateral Pool relating to the relevant series of Secured Securities (express as a percentage of the face value of such relevant Specified Reference Collateral Assets) is equal to or less than the Collateral Trigger Percentage, as determined in accordance with the MTM Trigger Valuation Method;

**"Reference Collateral Credit Event"** means, in relation to a RCA Reference Entity, the occurrence of any of the events specified as "Reference Collateral Credit Events" in the Final Terms which may include any one or more of Bankruptcy, Failure to Pay, Restructuring, Repudiation/Moratorium, Obligation



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Acceleration, Obligation Default, and/or Governmental Intervention and if an occurrence would otherwise constitute a Reference Collateral Credit Event, such occurrence will constitute a Reference Collateral Credit Event whether or not such occurrence arises directly or indirectly from, or is subject to a defence based upon:

- (a) any lack or alleged lack of authority or capacity of the relevant RCA Reference Entity to enter into any Obligation or, as applicable, an Underlying Obligor to enter into any Underlying Obligation;
- (b) any actual or alleged unenforceability, illegality, impossibility or invalidity with respect to any Obligation or, as applicable, any Underlying Obligation, however described;
- (c) any applicable law, order, regulation, decree or notice, however described, or the promulgation of, or any change in, the interpretation by any court, tribunal, regulatory authority or similar administrative or judicial body with competent or apparent jurisdiction of any applicable law, order, regulation, decree or notice, however described; or
- (d) the imposition of, or any change in, any exchange controls, capital restrictions or any other similar restrictions imposed by any monetary or other authority, however described;

**"Reference Collateral Credit Event Notice"** means an irrevocable notice from the Calculation Agent (which may be in writing (including by facsimile and/or email) and/or by telephone) to the Issuer stating that a Reference Collateral Credit Event has occurred. The Reference Collateral Credit Event Notice shall describe a Reference Collateral Credit Event that occurred on or after the Event Trigger Date and on or prior to the Extension Date. If so specified in the applicable Final Terms, a Reference Collateral Credit Event Notice shall also cite Publicly Available Information confirming the occurrence of the Reference Collateral Credit Event, provided that where an Event Determination Date has occurred pursuant to sub-paragraph (b) of the definition thereof, a reference to the relevant DC Credit Event Announcement shall suffice. If so specified in the applicable Final Terms, such notice must contain a copy, or a description in reasonable detail of the relevant Publicly Available Information. The Reference Collateral Credit Event that is the subject of the Reference Collateral Credit Event Notice need not be continuing on the date the Reference Collateral Credit Event Notice is effective. Where "Multiple Credit Event Notices" is specified as being applicable in the applicable Final Terms:

- (a) the Calculation Agent may serve multiple Reference Collateral Credit Event Notices with respect to an M(M)R Restructuring setting forth the amount (the **"Exercise Amount"**) of the relevant Reference Entity Notional Amount in respect of which the Collateral Credit Event Notice applies (which may be less than the Notional Amount outstanding of the Securities), provided that if the Reference Collateral Credit Event Notice does not specify an Exercise Amount, the then outstanding Reference Entity Notional Amount (and not a portion thereof) will be deemed to have been specified as the Exercise Amount;
- (b) the Exercise Amount in connection with a Reference Collateral Credit Event Notice describing a Reference Collateral Credit Event which is a M(M)R Restructuring must be an amount that is at least 1,000,000 units of the currency (or if Japanese yen, 100,000,000 units) in which the Reference Entity Notional Amount is denominated or any integral multiple thereof or the entire Reference Entity Notional Amount; and
- (c) Collateral Security Condition 5.11 shall be applicable.

A Reference Collateral Credit Event Notice that describes a Reference Collateral Credit Event other than an M(M)R Restructuring must be in respect of the full Reference Entity Notional Amount;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Reference Collateral Currency"** means the currency in which the Reference Collateral Assets are denominated;

**"Reference Collateral Currency Equivalent"** means in respect of any amount, where the relevant series of Secured Securities and the relevant Reference Collateral Assets are denominated in the same currency, such amount or, where the relevant Reference Collateral Assets and the Secured Securities are denominated in different currencies, the equivalent in the relevant Reference Collateral Currency of such amount (which may be determined by applying one or more fixed exchange rate set out in the relevant Swap Agreement to the currency amount in which the relevant series of Secured Securities is denominated);

**"Reference Obligation"** means the Standard Reference Obligation, if any, unless:

- (a) "Standard Reference Obligation" is specified as not applicable in relation to a RCA Reference Entity, in which case the Reference Obligation will be the Non-Standard Reference Obligation, if any; or
- (b) (i) "Standard Reference Obligation" is specified as applicable in relation to a Reference Entity (or no election is specified in relation to a RCA Reference Entity), (ii) there is no Standard Reference Obligation and (iii) a Non-Standard Reference Obligation is specified in relation to a RCA Reference Entity, in which case the Reference Obligation will be (A) the Non-Standard Reference Obligation to but excluding the first date of publication of the Standard Reference Obligation and (B) the Standard Reference Obligation from such date onwards, provided that the Standard Reference Obligation that is published would have been eligible to be selected as a Substitute Reference Obligation.

If the Standard Reference Obligation is removed from the SRO List, such obligation shall cease to be the Reference Obligation (other than for purposes of the "Not Subordinated" Obligation Characteristic) and there shall be no Reference Obligation unless and until such obligation is subsequently replaced on the SRO List, in which case, the new Standard Reference Obligation in respect of the RCA Reference Entity shall constitute the Reference Obligation.

**"Reference Partial Redemption"** has the meaning given to it in Collateral Security Condition 5.11;

**"Reference Partial Redemption Amount"** has the meaning given to it in Collateral Security Condition 5.11;

**"Reference Price"** means:

- (a) if "Average Market" is specified in the applicable Final Terms, the unweighted arithmetic mean (rounded to the nearest one-hundredth of one per cent.), to be determined by the Swap Calculation Agent at, or about, 11:00 am (Tokyo time) on the Calculation Date, of the firm bid prices for any combination of Specified Obligations selected by the Calculation Agent in a principal amount equal to the Notional Amount outstanding of the Securities (or the Reference Partial Redemption Amount, as the case may be) as quoted by the Specified Number of Dealers who shall be selected by the Calculation Agent provided that, if there are more than three quotations, the Reference Price shall be calculated without reference to the highest and lowest quotes, and if there is more than one highest or lowest quote, without reference to one of them, and provided that if at least the Minimum Number of Quotations are not available, the Calculation Agent shall seek to obtain one firm bid price from BNP Paribas which shall be the Reference Price. If BNP Paribas will not provide such quotation, the Reference Price shall be zero. All determinations hereunder shall be final and binding upon all parties;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (b) if "Highest" is specified in the applicable Final Terms, the highest (rounded to the nearest one-hundredth of one per cent.), to be determined by the Calculation Agent at, or about, 11:00 am (London time) on the Calculation Date, of the firm bid prices for any combination of Specified Obligations selected by the Calculation Agent in a principal amount equal to the Notional Amount outstanding of the Securities (or the Reference Partial Redemption Amount, as the case may be) as quoted by the Specified Number of Dealers who shall be selected by the Calculation Agent Provided that if at least the Minimum Number of Quotations are not available, the Calculation Agent shall seek to obtain one firm bid price from BNP Paribas which shall be the Reference Price. If BNP Paribas will not provide such quotation, the Reference Price shall be zero. All determinations hereunder shall be final and binding upon all parties; or
- (c) if "Average Highest" is specified in the applicable Final Terms, the unweighted arithmetic mean of the two highest (rounded to the nearest one-hundredth of one per cent.), to be determined by the Calculation Agent at, or about, 11.00 am (London time) on the Calculation Date, of the firm bid prices for any combination of Specified Obligations selected by the Calculation Agent in a principal amount equal to the Notional Amount outstanding of the Securities (or the Reference Partial Redemption Amount, as the case may be) as quoted by the Specified Number of Dealers who shall be selected by the Calculation Agent and provided that if at least the Minimum Number of Quotations are not available, the Calculation Agent shall seek to obtain one firm bid price from BNP Paribas which shall be the Reference Price. If BNP Paribas will not provide such quotation, the Reference Price shall be zero. All determinations hereunder shall be final and binding upon all parties;

**"Related Agreement"** means each Swap Agreement, Repurchase Agreement and/or Collateral Exchange Agreement entered into by the Issuer with the relevant Related Agreement Counterparty in connection with a series of Secured Securities;

**"Related Agreement Counterparty"** means the relevant Swap Counterparty, Repo Counterparty and/or the Collateral Exchange Counterparty, as the context requires;

**"Related Agreement Counterparty Default"** means an Early Redemption Event has occurred which is a Related Agreement Termination Event and (a) the Collateral Exchange Counterparty is the defaulting party under the Collateral Exchange Agreement and/or (b) where the Collateral Exchange Counterparty and the Swap Counterparty are the same entity, the Swap Counterparty is the Defaulting Party (as defined in the relevant Swap Agreement) under the Swap Agreement;

**"Related Agreement Termination Event"** means the early termination of any Swap Agreement (or any other agreement specified as a Related Agreement in the Final Terms) entered into in respect of the Securities other than (a) where the Issuer is the Defaulting Party (as defined in the relevant Swap Agreement or Repurchase Agreement, as the case may be) thereunder and the relevant event of default relates to the insolvency of the Issuer or (b) the termination results from an event of default under the Securities or (c) the termination is due to the purchase by the Issuer of all the outstanding Securities of a series;

**"Repayable Assets"** has the meaning given to it in Collateral Security Condition 5.7;

**"Replacement Collateral Assets"** are the securities which are specified to be Replacement Collateral Assets in the applicable Final Terms and fall within the definition of Eligible Collateral in the Eligible Collateral Annex;

**"Replacement Cost Amount"** means, as determined by the Calculation Agent, an amount in the Repo Contractual Currency that the Repo Counterparty reasonably determines in good faith to be its total losses

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

and costs (in which case such amount shall be payable by the Issuer to the Repo Counterparty) or gain (in which case such amount shall be payable by the Repo Counterparty to the Issuer) in connection with the termination of the Repurchase Agreement and the series of Repo Transactions, including any loss of bargain, cost of funding or, at the election of the Repo Counterparty but without duplication, loss or cost incurred as a result of its terminating, liquidating, obtaining or re-establishing any hedge or related trading position (or any gain resulting from any of them), and includes losses and costs (or gains) in respect of any payment or delivery required to have been made (assuming satisfaction of each applicable condition precedent) on or before the final Repurchase Date and not made as a result of the termination of the Repurchase Agreement. The Repo Counterparty may (but need not) refer to quotations of relevant rates or prices from one or more leading dealers in the relevant markets in determining such amount, provided that the absolute value of such amount determined by Repo Counterparty shall not exceed the Repurchase Price in respect of the last Repo Transaction under the Repurchase Agreement prior to the termination thereof;

**"Repo Contractual Currency"** means the contractual currency of the relevant Repurchase Agreement;

**"Repo Counterparty"** means the entity specified as such in the applicable Final Terms;

**"Repo Counterparty Priority of Payments"** means the Collateral Enforcement Proceeds or the Collateral Assets (where Physical Delivery of Collateral is applicable) shall be used by the Security Trustee to make payments and/or, where Physical Delivery of Collateral is applicable, deliveries in the following order of priority (in each case only if and to the extent that payments of a higher priority have been made in full):

- (a) first, to pay, to the extent required to meet any termination payment (if any) due to the Repo Counterparty under the Repurchase Agreement which payment obligation will equal the amount (if any) by which such Collateral Enforcement Proceeds (determined on the basis that the Collateralised Percentage is 100 per cent) exceed the Repurchase Price then payable by the Repo Counterparty;
- (b) secondly, to pay any Enforcement Expenses to the Security Trustee and/or any appointee or agent thereof or any receiver appointed in connection with the relevant Collateral Pool;
- (c) thirdly, to pay to the Repo Counterparty any other amounts due thereto under the Repurchase Agreement which are not paid under paragraph (a) above;
- (d) fourthly, rateably to pay the claims (if any) of the Swap Counterparty under each Swap Agreement relating to the Securities. If the moneys or, if applicable, Collateral Assets, received by the Security Trustee are not enough to pay such amounts in full, the Security Trustee shall apply them pro rata on the basis of the amount due to each party entitled to such payment;
- (e) fifthly, to pay the aggregate Security Termination Amounts due in respect of the relevant Secured Securities and/or where Physical Delivery of Collateral is applicable, to deliver the aggregate applicable Delivery Shares due in respect of the relevant Secured Securities; and
- (f) sixthly, to pay the balance (if any) to the Issuer;

**"Repo Transaction"** means each Transaction as such term is defined in the Repurchase Agreement;

**"Repurchase Agreement"** means the repurchase agreement entered into by the Issuer with the relevant Repo Counterparty in respect of the relevant series of Secured Securities;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Repurchase Agreement Termination Payment"** means, as determined by the Calculation Agent in relation to any Repurchase Agreement, the termination payment due either from the Issuer to the Repo Counterparty or from the Repo Counterparty to the Issuer upon termination of such Repurchase Agreement in accordance with the terms thereof, which shall, in circumstances where the Repo Counterparty is not the Defaulting Party (as defined in the Repurchase Agreement), include any Replacement Cost Amount;

**"Repurchase Date"** means each date on which the Repo Counterparty purchases Equivalent Securities to securities it has sold under the Repurchase Agreement;

**"Repurchase Price"** has the meaning given to such term in the Repurchase Agreement;

**"Residual Additional Proceeds Amount"** means the Additional Proceeds Amount remaining after deduction of an amount equal to the part (if any) of such proceeds which are used to pay Priority Amounts;

**"Residual Credit Support Proceeds"** means the Credit Support Sale Proceeds (if any) remaining after deduction of an amount equal to the part (if any) of such proceeds which are used to pay Priority Amounts;

**"Residual Proceeds Amount"** has the meaning given to it in Collateral Security Condition 7.5;

**"Residual Shortfall"** has the meaning given to it in Collateral Security Condition 11;

**"Rounding Amount"** means has the meaning given to such term in Collateral Security Condition 7.5;

**"Scheduled Final Bond Payment"** means the amount scheduled to be paid by the relevant RCA Issuer(s) in respect of the nominal amount of the Specified Reference Collateral Assets held by the Issuer on the relevant Scheduled Final Bond Payment Date or, where there is more than one Specified Reference Collateral Asset, the aggregate of such amounts payable by the relevant RCA Issuers on the relevant Scheduled Final Bond Payment Date(s) or, where RCA Maturity Call is applicable and the Final RCA Maturity Call Option Date falls prior to the Scheduled Final Bond Payment Date, the amount scheduled to be paid by the relevant RCA Issuer in accordance with the terms of the Specified Reference Collateral Assets (as at the Trade Date) in respect of the nominal amount of the Reference Collateral Assets held by the Issuer on the Final RCA Maturity Call Option Date;

**"Scheduled Final Bond Payment Date"** means the date specified as the RCA Maturity Date in the applicable Final Terms or such other date as specified in the applicable Final Terms on which the Specified Reference Collateral Assets are scheduled to be redeemed in accordance with the terms of the Specified Reference Collateral Assets (as at the Trade Date) by payment of the Scheduled Final Bond Payment;

**"Scheduled Payment Date"** has the meaning given to it in Collateral Security Condition 9;

**"Scheduled RCA Interest Payment Date"** means, in respect of any Specified Reference Collateral Assets, the RCA Interest Payment Dates specified for such Specified Reference Collateral Assets in the applicable Final Terms (as adjusted for non-business days in accordance with the terms and conditions of the Specified Reference Collateral Assets (as at the Trade Date)) and/or any other date on which a payment of an RCA Interest Amount is scheduled to be received by the Issuer in accordance with the terms and conditions of the Specified Reference Collateral Assets (as at the Trade Date);

**"Scheduled Redemption Date"** means the date specified as such in the applicable Final Terms;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Secured Parties"** means the Security Trustee for itself and on behalf of the relevant Holders and each Related Agreement Counterparty or such parties specified in the applicable Final Terms;

**"Secured Securities MTM Event"** means the bid price (exclusive of accrued interest) in respect of the outstanding Secured Securities (express as a percentage of the Notional Amount of such Secured Securities) is equal to or less than the Collateral Trigger Percentage, as determined in accordance with the MTM Trigger Valuation Method;

**"Secured Security Highest Value"** means, if Secured Security Highest Value is specified as applicable in the applicable Final Terms, the greater of (a) the fair market value of a Certificate or, as the case may be, Redeemed Amount (where the fair market value of a Certificate or Redeemed Amount, as the case may be, shall be equal to such Certificate's *pro rata* share of the Unadjusted Liquidation Proceeds calculated with respect to the relevant Early Redemption Event or event which leads to the partial redemption of the Certificates) (notwithstanding any illegality (if applicable) and taking into account any Additional Disruption Event, Optional Additional Disruption Event, Index Adjustment Event, Custom Index Adjustment Event, Extraordinary Event, Commodity Index Adjustment Event, Market Disruption Event, Index Cancellation, Extraordinary Fund Event, Fund Index Adjustment Event, RCA Merger Event, as applicable, where an Annex Early Redemption Event has occurred) and (b) the Protected Amount specified in the applicable Final Terms or, as the case may be, the proportionate share of such Protected Amount, provided that, (x) no costs shall be deducted from such amount and (y) such amount shall include the reimbursement by the Issuer (calculated from the Early Redemption Date notified to the Holders until the scheduled Redemption Date of the Certificates), of any costs or, as the case may be, proportionate share of such costs (including but not limited to any structuring costs) paid by Holders to the Issuer in the Issue Price of the Certificates, such amount to be paid to the Holders on the date notified to the Holders in the Early Redemption Notice;

**"Secured Security Market Value"** means, if Secured Security Market Value is specified as applicable in the applicable Final Terms, the fair market value of a Certificate or, as the case may be, Redeemed Amount (where the fair market value of a Certificate or Redeemed Amount, as the case may be, shall be equal to such Certificate's *pro rata share* of the Unadjusted Liquidation Proceeds calculated as with respect to the relevant Early Redemption Event or event which leads to the partial redemption of the Certificate) (notwithstanding the illegality (if applicable) and taking into account any Additional Disruption Event, Optional Additional Disruption Event, Index Adjustment Event, Custom Index Adjustment Event, Extraordinary Event, Commodity Index Adjustment Event, Market Disruption Event, Index Cancellation, Extraordinary Fund Event, Fund Index Adjustment Event, RCA Merger Event, as applicable, where an Annex Early Redemption Event has occurred) calculated (x) without taking account of any costs and no costs shall be deducted from such amount and (y) including the reimbursement by the Issuer, *pro rata* (calculated from the Early Redemption Date notified to the Holders until the scheduled Redemption Date of the Certificates), of any costs or, as the case may be, proportionate share of such costs (including but not limited to any structuring costs) paid by Holders to the Issuer in the Issue Price of the Certificates, such an amount to be paid to the Holders on the date notified in the Early Redemption Notice.

**"Secured Security Monetisation Option"** means, if Secured Security Monetisation Option, is specified as applicable in the applicable Final Terms:

- (a) the Secured Security Monetisation Amount (as defined below) (including the reimbursement by the Issuer, *pro rata* (calculated from the relevant Early Redemption Date notified to the Holders until the scheduled Redemption Date of the Certificates), of any costs or, as the case may be, proportionate share of such costs (including but not limited to any structuring costs) paid by

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Holders to the Issuer in the Issue Price of the Certificates), such amount to be paid by the Issuer (notwithstanding the Early Redemption Notice) on the Redemption Date; or

- (b) if the Holder duly elects to receive the fair market value, as provided in Collateral Security Condition 5.15, the Secured Security Market Value of such Certificate, such amount to be paid by the Issuer on the date fixed for early redemption, as notified to the Holders.

For the purposes of this definition:

**"Secured Security Monetisation Amount"** means, in respect of a Certificate, an amount equal to the greater of the Protected Amount specified in the applicable Final Terms and the amount calculated by the Calculation Agent as follows:

$$(S + D) \times (1 + r)^n$$

Where:

**"S"** is the present value of the Protected Amount of such Certificate on the date on which the event triggering early redemption occurs;

**"D"** is the market value of the Derivative Component on the date on which the event triggering early redemption occurs;

**"r"** is a hypothetical annual interest rate that would be applied on an equivalent hypothetical debt instrument issued by the Issuer (or the Guarantor, as applicable) with the same time to redemption as the remaining time to redemption on the Certificates from the date fixed for early redemption until the scheduled redemption date of the Certificates;

**"n"** is the time remaining until the scheduled redemption date of the Certificates, expressed as a number of years; and

**"Derivative Component"** means the option component or embedded derivative in respect of the outstanding aggregate Notional Amount of the Certificates or the interest amount due under the Certificates, as applicable, in order to enable the Issuer to issue the Certificates at the issue price and on their applicable terms. The value of the Derivative Component will be determined by the Calculation Agent, taking into account a number of factors, including, but not limited to:

- (i) market prices or values for the underlying reference asset(s) or basis (bases) and other relevant economic variables (such as interest rates; dividend rates; financing costs; the value, price or level of any relevant underlying reference asset(s) or basis (bases) and any futures or options relating to any of them; the volatility of any relevant underlying reference asset(s) or basis (bases); and exchange rates (if applicable));
- (ii) the time remaining until the scheduled redemption date of the Certificates;
- (iii) internal pricing models; and
- (iv) prices at which other market participants might bid for the Derivative Component;

**"Security Agreement"** means each of the Pledge Agreement, the Security Trust Deed, any Additional Security Document and/or Alternative Security Document applicable to the relevant series of Secured Securities;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Security Delivery Cash Amount"** means, in respect of a Secured Security, a *pro rata* share in respect of such Secured Security of the aggregate of the Residual Additional Proceeds Amount, the Residual Proceeds Amount and the Residual Credit Support Proceeds in respect of the relevant series of Secured Securities;

**"Security Interests"** means any pledge, other encumbrance or security interest created under a Security Agreement;

**"Security Realised Amount"** is as defined in Collateral Security Condition 7.4;

**"Security Termination Amount"** means, in respect of a Secured Security, an amount determined by the Collateral Calculation Agent equal to:

- (a) if Nominal Value Realisation Proceeds is specified in the applicable Final Terms, the Realisation Amount of the relevant Secured Security subject to a maximum amount equal to the nominal value of such Secured Security;
- (b) if Realisation Proceeds is specified in the applicable Final Terms, the Realisation Amount in respect of the relevant Secured Security;
- (c) if Partial Nominal Value Realisation Proceeds is specified in the applicable Final Terms, the Realisation Amount in respect of the Secured Security subject to a maximum amount equal to the product of (i) the nominal value of such Secured Security and (ii) the Collateralisation Level applicable to the relevant series of Secured Securities;
- (d) if Physical Delivery of Collateral is applicable, the sum of the Security Delivery Cash Amount and the relevant Rounding Amount relating to such Secured Security; or
- (e) if Security Value Termination Amount is specified in the applicable Final Terms, the MTM Value of such Secured Security;

**"Security Trustee"** means The Law Debenture Trust Corporation p.l.c., or such other entity as is specified in the applicable Final Terms, and, if applicable, any agent of, or any other entity appointed by the Security Trustee;

**"Security Trust Deed"** means the security trust deed between, *inter alios*, the Issuer and the Security Trustee relating to the relevant series of Secured Securities which will incorporate the Security Trust Terms;

**"Security Trust Terms"** means the security trust deed terms which will be entered into between the Issuer and the Security Trustee relating to certain issues of secured securities by the Issuer;

**"Senior Obligation"** means any obligation which is not Subordinated to any unsubordinated Borrowed Money obligation of the RCA Reference Entity;

**"Senior Transaction"** means a RCA Reference Entity for which (a) the Reference Obligation or Prior Reference Obligation, as applicable, is a Senior Obligation, or (b) there is no Reference Obligation or Prior Reference Obligation;

**"Seniority Level"** means, with respect to an obligation of the relevant RCA Reference Entity, (a) "Senior Level" or "Subordinated Level" as specified in respect of the relevant RCA Reference Entity, or (b) if no such seniority level is specified in respect of the RCA Reference Entity, "Senior Level" if the Original



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Non-Standard Reference Obligation is a Senior Obligation or "Subordinated Level" if the Original Non-Standard Reference Obligation is a Subordinated Obligation, failing which (c) "Senior Level";

"**Shortfall**" is as defined in Collateral Security Condition 7.4;

"**Similar RCA Reference Entity**" means an entity with an equivalent Rating or an equivalent credit risk (if no Rating is available with respect to the relevant RCA Reference Entity), and as secondary criteria geographic and Transaction Type proximity to such RCA Reference Entity (if such RCA Reference Entity were the subject of a single name credit default swap traded on market standard terms).

"**Similar Specified Reference Collateral Assets**" means securities issued by the Similar RCA Reference Entity with an equivalent Rating or an equivalent credit risk (if no Rating is available with respect to the relevant Specified Reference Collateral Assets) to the Specified Reference Collateral Assets, which mature prior to the Redemption Date and which have a ranking in priority of payment equivalent to the Specified Reference Collateral Assets which are the subject of the relevant RCA Merger Event;

"**Specified Number of Dealers**" means the number of dealers specified in the applicable Final Terms;

"**Specified Obligations**" means the securities specified as such in the applicable Final Terms;

"**Specified Reference Entity**" is the entity specified as such in the applicable Final Terms;

"**Specified Reference Collateral Assets**" means, in respect of a series of Secured Securities, the Reference Collateral Assets in a Collateral Pool which are specified in the applicable Final Terms as the "Reference Collateral Assets" for such series;

"**Standard Early Redemption Amount**" means a *pro rata* share of an amount, subject to a minimum of zero, equal to the Collateral Sale Proceeds plus (a) the sum of (i) any Swap Agreement Termination Payment received by the Issuer from the Swap Counterparty, (ii) where applicable, any Repurchase Agreement Termination Payment received by the Issuer from the Repo Counterparty and (iii) where applicable, any Collateral Exchange Agreement Termination Payment received by the Issuer from the Collateral Exchange Counterparty less (b) any Early Redemption Costs;

"**Standard Early Redemption Event**" means the occurrence of one or more of the following events:

- (a) Annex Early Redemption Event;
- (b) Asset Payment Default Event;
- (c) Asset Default Event;
- (d) Asset Redemption Event;
- (e) Asset Payment Shortfall Event;
- (f) RCA Change in Law Event;
- (g) RCA Regulatory Event;
- (h) RCA Repudiation/Moratorium Event;
- (i) RCA Restructuring Event;
- (j) RCA Tax Event;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (k) RCA Interest Deferral or Reduction Event;
- (l) RCA Principal Deferral or Reduction Event;
- (m) RCA Issuer Bankruptcy Event; and
- (n) Related Agreement Termination Event;

**"Successor"** means in respect of a RCA Issuer, any successor entity which assumes the Reference Collateral Assets or, if there is more than one such successor entity, the successor entity which assumes the highest proportion of the outstanding principal amount of such Reference Collateral Assets as determined by the Calculation Agent, provided that if more than one successor entity assumes such highest proportion of such Reference Collateral Assets, the successor entity shall be determined by the Calculation Agent in a commercially reasonable manner provided further that if one or more of RCA Issuer/Parent Bankruptcy Event, RCA Issuer/Parent Payment Default Event, RCA Issuer Bond Failure to Pay Event, RCA Issuer Bond Restructuring Event, RCA Issuer/Parent Restructuring Event, RCA Issuer/Parent Governmental Intervention Event, RCA Issuer/Parent Obligation Acceleration Event and RCA Issuer/Parent Repudiation/Moratorium Event applies to an RCA Reference Entity in respect of the relevant series of Secured Securities, such successor(s) in respect of the relevant RCA Referencing Entity shall be determined as if the RCA Reference Entity were a Reference Entity for the purposes of Annex 12 (Additional Terms and Conditions for Credit Securities) and shall be determined as if the terms of Annex 12 (Additional Terms and Conditions for Credit Securities) were set out in full in this Annex 13 for the purposes of determining such successor;

**"Suspension Event"** means the Calculation Agent determines that facts exist which may (assuming the expiration of any applicable grace period) amount to (a) an Asset Payment Default Event (disregarding any terms allowing for non-payment, deferral or adjustments to any scheduled payments and any notice period in respect thereof) in respect of any relevant Specified Reference Collateral Assets (where Asset Payment Default Event is specified as an Early Redemption Event in respect of the relevant Secured Securities), (b) an Asset Default Event in respect of any relevant Specified Reference Collateral Asset (where Asset Default Event is specified as an Early Redemption Event in respect of the relevant Secured Securities) or (c) an RCA Payment Default Event as if No Grace Period had been specified in the applicable Final Terms (and disregarding any terms allowing for non-payment, deferral or adjustments to any scheduled payments and any notice period in respect thereof) in respect of any relevant Specified Reference Collateral Assets (where RCA Payment Default Event is specified as an Early Redemption Event in respect of the relevant Secured Securities);

**"Suspension Period"** means the period commencing on the Suspension Period Start Date and with a duration equal to:

- (a) if no period is specified in the applicable Final Terms as the Suspension Period, the longer of (i) ten Business Days and (ii) the grace period applicable to the relevant Specified Reference Collateral Assets (determined in accordance with the terms and conditions of the relevant Specified Reference Collateral Assets); or
- (b) the period specified in the applicable Final Terms as the Suspension Period;

**"Suspension Period Start Date"** means the date on which the Calculation Agent determines that a Suspension Event has occurred;

**"Swap Agreement"** means the swap agreement entered into by the Issuer with the relevant Swap Counterparty in respect of the Secured Securities;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Swap Agreement Termination Payment"** means the termination payment due between the Issuer and the Swap Counterparty upon early termination of the Swap Agreement(s) (in whole or in part) calculated in accordance with the terms of the relevant Swap Agreement provided that where Recovery Access is specified to be not applicable in the applicable Final Terms and (i) where Extinguisher of All Swap Flows is specified to be applicable, there will be no termination payment due from either party under the relevant Swap Agreement(s) or (ii) where Extinguisher of All Swap Flows is not specified as applicable, any termination payment which would otherwise be due from the Issuer to the Swap Counterparty in respect of the relevant Swap Agreement(s) shall be deemed to be equal to zero;

**"Swap Business Days"** means the days on which commercial banks and foreign exchange markets settle payments and are open for general business (including dealings in foreign exchange and foreign currency deposits) in the cities specified in the applicable Final Terms, and/or where TARGET2 Settlement Day is specified, a day on which the Trans-European Automated Real-Time Gross Settlement Express Transfer (TARGET2) payment system is open;

**"Swap Counterparty"** means the entity specified as such in the applicable Final Terms;

**"Swap Counterparty Priority of Payments"** means the Collateral Enforcement Proceeds or the Collateral Assets (where Physical Delivery of Collateral is applicable) shall be used by the Security Trustee to make payments and/or, where Physical Delivery of Collateral is applicable, deliveries in the following order of priority (in each case only if and to the extent that payments of a higher priority have been made in full):

- (i) first, to pay any Enforcement Expenses to the Security Trustee and/or any appointee or agent thereof or any receiver appointed in connection with the relevant Collateral Pool;
- (ii) secondly, rateably to pay the claims (if any) of the Swap Counterparty under each Swap Agreement relating to the relevant series of Secured Securities and the Collateral Exchange Counterparty under Collateral Exchange Agreement relating to the relevant series of Secured Securities. If the moneys or, if applicable, Collateral Assets, received by the Security Trustee are not enough to pay such amounts in full, the Security Trustee shall apply them pro rata on the basis of the amount due to each party entitled to such payment;
- (iii) thirdly, to pay the aggregate Security Termination Amounts due in respect of the relevant Secured Securities and/or where Physical Delivery of Collateral is applicable, to deliver the aggregate applicable Delivery Shares due in respect of the relevant Secured Securities; and
- (iv) fourthly, to pay the balance (if any) to the Issuer;

**"Swap Counterparty Priority of Payments – Subordination Flip"** means the Collateral Enforcement Proceeds or the Collateral Assets (where Physical Delivery of Collateral is applicable) shall be used by the Security Trustee to make payments and/or, where Physical Delivery of Collateral is applicable, deliveries in the following order of priority (in each case only if and to the extent that payments of a higher priority have been made in full):

- (i) first, to pay any Enforcement Expenses to the Security Trustee and/or any appointee or agent thereof or any receiver appointed in connection with the relevant Collateral Pool;
- (ii) secondly, rateably to pay the claims (if any) of the Swap Counterparty under each Swap Agreement relating to the relevant series of Secured Securities unless the Swap Agreement(s) are terminated as a result of an Event of Default (as defined in the Swap Agreement(s)) where the Swap Counterparty is the Defaulting Party (as defined in the Swap Agreement(s)), in which

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

case the amount of such claims shall be payable in accordance with clause (iv) below. If the moneys or, if applicable, Collateral Assets, received by the Security Trustee are not enough to pay such amounts in full, the Security Trustee shall apply them pro rata on the basis of the amount due to each party entitled to such payment;

- (iii) thirdly, to pay the aggregate Security Termination Amounts due in respect of the relevant Secured Securities and/or where Physical Delivery of Collateral is applicable, to deliver the aggregate applicable Delivery Shares due in respect of the relevant Secured Securities;
- (iv) fourthly, if the Swap Agreement(s) are terminated as a result of an Event of Default (as defined in the Swap Agreement(s)) where the Swap Counterparty is the Defaulting Party (as defined in the Swap Agreement(s)), rateably in meeting the claims (if any) of the Swap Counterparty under each Swap Agreement relating to the relevant series of Secured Securities. If the moneys or, if applicable, the Collateral Assets, received by the Security Trustee are not enough to pay such amounts in full, the Security Trustee shall apply them pro rata on the basis of the amount due to each party entitled to such payment; and
- (v) fifthly, to pay the balance (if any) to the Issuer;

**"Swap MTM Event"** means that the price that would be payable from the Issuer to the Swap Counterparty (expressed as a percentage of the notional amount of the Swap Agreement) were the Swap Agreement to be terminated is greater than or equal to the Collateral Trigger Percentage, as determined in accordance with the MTM Trigger Valuation Method;

**"Swedish Record Date"** has the meaning given to it in Collateral Security Condition 9;

**"Tax Liability"** means any deduction or withholding on account for tax, levy, impost, duty or other charge or withholding of a similar nature which is payable in respect of payments or holding of the Specified Reference Collateral Assets determined by reference to the law applicable (or the official interpretation thereof) as at the Trade Date;

**"Transaction Type"** means, unless otherwise specified in the Final Terms, each "Transaction Type" specified as such in the Physical Settlement Matrix from time to time. Where a Transaction Type is specified in the Final Terms in respect of any Reference Entity, then the provisions of these Collateral Security Conditions shall apply with respect to such RCA Reference Entity in accordance with the Physical Settlement Matrix as it applies to such Transaction Type, as though such Physical Settlement Matrix were set out in full in the Final Terms;

**"Triparty Services Agent"** means the party specified as such in the applicable Final Terms;

**"Unadjusted Liquidation Proceeds"** shall be an amount equal to the Charged Asset Proceeds after the deduction of any Swap Termination Payment due to be paid to the Swap Counterparty under the Swap Agreement and/or the Collateral Exchange Agreement Termination Payment due to be paid to the Collateral Exchange Counterparty under the Collateral Exchange Agreement (if any);

**"Unadjusted Proceeds"** shall be an amount equal to the Charged Assets Proceeds after the deduction of any Swap Termination Payment due to be paid to the Swap Counterparty under the Swap Agreement and/or the Collateral Exchange Agreement Termination Payment due to be paid to the Collateral Exchange Counterparty under the Collateral Exchange Agreement (if any) but without deduction of costs other than such costs that are unavoidable to redeem the Secured Securities early;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Uncollateralised Percentage"** means, on the Initial Posting Date for a series of Secured Securities, the quotient of the aggregate Notional Amount of the Secured Securities which are part of the BNPP Holding divided by the aggregate Notional Amount of the Secured Securities of such series of Secured Securities, expressed as a percentage;

**"Undeliverable Collateral Assets"** means Collateral Assets which the Security Trustee (or its agent) is unable to deliver in accordance with Collateral Security Condition 7.6 due to the occurrence of a Collateral Settlement Disruption Event;

**"Undelivered Reference Collateral Assets"** means, in respect of a series of Secured Securities, those Relevant Assets which the Issuer or any of its Affiliates have not delivered to the Holders as a result of the occurrence of a Settlement Disruption Event; and

**"Underlying Obligation"** means, with respect to a guarantee, the obligation which is the subject of the guarantee.

### 1.2 Interpretation

The following terms and the defined terms referred to in such terms shall have the meaning given to them in Annex 12 (Additional Terms and Conditions for Credit Securities) provided that for the purposes of these Collateral Security Conditions only (a) any reference therein to a Reference Entity shall be deemed to be a reference to the relevant RCA Reference Entity or RCA Reference Entities, (b) any reference to "Deliverable Obligations" or "Physical Settlement Date" shall be ignored, (c) any references to "Credit Event" shall be deemed to be a reference to "Early Redemption Event", (d) any references to "Credit Event Backstop Date" shall be deemed to be a reference to the applicable Event Trigger Date, (e) any references to "Financial Reference Entity Terms" shall be deemed to be a reference to "Financial Entity Terms", (f) any references to "Governmental Intervention" shall be deemed to be a reference to "RCA Issuer/Parent Governmental Intervention Event", (g) any references to Credit Securities shall be deemed to be references to Notional Value Repack Securities provided that where a term is specified in these Collateral Security Conditions to be defined as set out in Annex 12, it shall have the meaning specified for such term in Annex 12 (Additional Terms and Conditions for Credit Securities), (h) where Essential Trigger is specified as applicable in the applicable Final Terms, "Hedging Link Provisions" shall be deemed to be not applicable where used in any such term in Annex 12 (Additional Terms and Conditions for Credit Securities) (i) unless "NTCE Provisions" is specified as not applicable in the applicable Final Terms or the relevant RCA Reference Entity is a Sovereign, the terms set out in Credit Security 12 (2019 Narrowly Tailored Credit Event Provisions) shall apply with respect to each Early Redemption Event (where such Early Redemption Event is applicable to the relevant series of Secured Securities) which is set out in the definition of Obligor Early Redemption Event and, in connection therewith, for the purposes of construing the definition of RCA Issuer/Parent Payment Default Event (where applicable), each reference in Credit Security 12(b) to "Failure to Pay" shall be deemed to be a reference to "RCA Issuer/Parent Payment Default Event" and (j) if any Early Redemption Event set out in the definition of Obligor Early Redemption Event is applicable to the relevant series of Secured Securities, and in accordance with the specified Transaction Type or otherwise, any Additional Provisions are applicable, these Collateral Security Conditions shall take effect subject to the provisions thereof:

Additional Provisions, Bankruptcy, Bond, Bond or Loan, Borrowed Money, Credit Derivatives Determinations Committee, Credit Event Backstop Date, Credit Event Resolution Request Date, DC Credit Event Question Dismissal, DC No Credit Event Announcement, DC Secretary, Domestic Currency, Event Determination Date, Excluded Obligation, Exercise Amount, Failure to Pay, Governmental Intervention, Guarantee, Listed, Loan, M(M)R Restructuring, Non-Standard Reference Obligation, Not Domestic Currency, Not Domestic Issuance, Not Domestic Law, Notice Delivery Period,

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Not Sovereign Lender, Not Subordinated, Obligation Acceleration, Outstanding Principal Balance, Payment, Physical Settlement Matrix, Potential Failure To Pay, Potential Repudiation/Moratorium, Prior Reference Obligation, Publicly Available Information, Qualifying Affiliate Guarantee, Qualifying Guarantee, Reference Entity Notional Amount, Reference Obligation Only, Relevant Guarantee, Relevant Obligations, Repudiation/Moratorium, Repudiation/Moratorium Evaluation Date, Resolve, Restructuring, Rules, Sovereign, Specified Currency, SRO List, Standard Reference Obligation, Subordinated, Substitute Reference Obligation and Underlying Obligor.

### 2. General

#### 2.1 Security Trustee

The Law Debenture Trust Corporation p.l.c. shall be the Security Trustee in respect of the Secured Securities as set out below and in the applicable Final Terms (unless another entity is so specified as security trustee in the applicable Final Terms) and subject to the terms of the Security Trust Deed. The expression "Security Trustee" shall, in relation to the relevant Secured Securities, include such other specified security trustee.

#### 2.2 Security Agreements

The Security Trust Deed will be governed by English law. The Pledge Agreement will, unless otherwise specified in the applicable Final Terms, be governed by Luxembourg law and Security Conditions 14.1 and 14.2 shall be construed accordingly. Any Alternative Security Document or Additional Security Document will be governed by the law specified in the applicable Final Terms.

#### 2.3 Determinations and Modifications

Security Condition 6 shall not apply. None of the Issuer, the Guarantor (if applicable), the Calculation Agent, the Euroclear Registrar (if applicable) and any Security Agent shall have any responsibility for any errors or omissions (to the extent permitted by any applicable law) in the calculation of any Cash Settlement Amount or of any Entitlement unless, in the case of Italian Securities, such errors or omissions are due to its own wilful misconduct or gross negligence.

The purchase of Securities does not confer on any Holder of such Securities any rights (whether in respect of voting, distributions or otherwise) attaching to any Specified Reference Collateral Asset.

In making any election, modification, determination or adjustment, the Issuer or the Calculation Agent, as applicable, will act in good faith and in a commercially reasonable manner, to preserve or restore the economics of the agreed terms, as far as reasonably practicable. Any such election, modification, determination or adjustment shall not create a significant imbalance between the rights and obligations of the Issuer compared to the Holders, to the detriment of the Holders.

If Essential Trigger is specified as applicable in the applicable Final Terms, the Issuer or the Calculation Agent, as the case may be, may only modify or adjust the terms of the Certificates (other than modifications or adjustments that do not relate to essential characteristics of the Certificates) or exercise its discretion to redeem the Certificates prior to their scheduled Redemption Date, as described in the Terms and Conditions, following an event or circumstance (or combination of events or circumstances) that (a) is not attributable to the Issuer and significantly alters the economics of the Certificates compared to the economics as of the Issue Date, or (b) constitutes a force majeure.

For the purpose of this Collateral Security Condition 2.3, essential characteristics of the Certificates means characteristics of the Certificates that are considered essential to the Holders generally, including

## **ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES**

without limitation the yield (coupon structure), the Underlying Reference, the principal protected amount (if any), the identity of the Issuer and of the Guarantor and the scheduled Redemption Date.

### **2.4 Collateral Calculation Agent**

In relation to each issue of Secured Securities, the Collateral Calculation Agent (whether it be BNP Paribas, BNP Paribas Arbitrage S.N.C. or another entity) acts solely as agent of the Issuer and the Guarantor or following the occurrence of an Enforcement Event, the Security Trustee, and does not assume any obligation or duty to, or any relationship of agency or trust for or with, the Holders. All calculations and determinations made in respect of the Secured Securities by the Collateral Calculation Agent shall (save in the case of manifest error) be final, conclusive and binding on the Issuer, the Guarantor, the Holders and the Security Trustee. Because the Collateral Calculation Agent may be an Affiliate of the Issuer, potential conflicts of interest may exist between the Collateral Calculation Agent and the Holders, including with respect to certain determinations and judgments that the Collateral Calculation Agent must make.

The Collateral Calculation Agent may, with the consent of the Issuer, delegate any of its obligations and functions to a third party as it deems appropriate.

If Essential Trigger is specified as applicable in the applicable Final Terms, the following shall apply:

- (a) in making any election, modification, determination or adjustment, the Collateral Calculation Agent, will act in good faith and in a commercially reasonable manner, to preserve or restore the economics of the agreed terms, as far as reasonably practicable. Any such election, modification, determination or adjustment shall not create a significant imbalance between the rights and obligations of the Issuer compared to the Holders, to the detriment of the Holders; and
- (b) the Collateral Calculation Agent may only modify or adjust the terms of the Certificates (other than modifications or adjustments that do not relate to essential characteristics of the Certificates) or exercise discretion to redeem the Certificates prior to their scheduled Redemption Date, as described in the Terms and Conditions, following an event or circumstance (or combination of events or circumstances) that (i) is not attributable to the Issuer and that significantly alters the economics of the Certificates compared to the economics as of the Issue Date, or (ii) constitutes a force majeure.

For the purpose of this Collateral Security Condition 2.4, essential characteristics of the Certificates means characteristics of the Certificates that are considered essential to the Holders generally, including without limitation the yield (coupon structure), the Underlying Reference, the principal protected amount (if any), the identity of the Issuer and of the Guarantor and the scheduled Redemption Date.

## **3. Status of the Secured Securities, Security and Guarantee**

### **3.1 Status**

Security Condition 3 shall not apply to the Secured Securities. The Secured Securities are unsubordinated and secured limited recourse obligations of the Issuer which rank *pari passu* among themselves and are secured in the manner described in Collateral Security Condition 3.2 and recourse of which is limited in the manner described in Collateral Security Condition 7.2 and Collateral Security Condition 11.

### **3.2 Security**

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

The obligations of the Issuer in respect of the Secured Securities will be secured by one or more pledge agreements between the Issuer and the Security Trustee (each a "**Pledge Agreement**") pursuant to which the Issuer will grant a first ranking security interest in favour of the Security Trustee, for itself and on behalf of the Secured Parties which are to be secured by the relevant Collateral Pool, over all the Issuer's rights in, and, to the Collateral Assets (if any) delivered to each of the Collateral Custodians appointed in respect of the relevant Collateral Pool and held from time to time in the relevant account(s) established with the Collateral Custodian(s) for such purpose (such account(s), the "**Collateral Account**"). In addition to a Pledge Agreement, the Issuer will enter into a Security Trust Deed with the Security Trustee to, *inter alia*, grant security over its rights under the Charged Agreement(s) in favour of the Security Trustee for itself and on behalf of the Secured Parties. In addition to, or as an alternative to, a Pledge Agreement, the Issuer may also enter into an Additional Security Document or Alternative Security Document in respect of a Collateral Pool as specified in the applicable Final Terms in order to secure its obligations in respect of the Secured Securities.

### 3.3 Transfer of Collateral Assets

Save where the applicable Final Terms specify that there are no Reference Collateral Assets in respect of a series of Secured Securities, the Issuer will transfer into the Collateral Account on the Initial Posting Date and, subject to Collateral Security Condition 3.5, Collateral Security Condition 3.8, Collateral Security Condition 3.9 and Collateral Security Condition 5.17, hold in such account on any day thereafter:

- (a) the Specified Reference Collateral Assets with the RCA Nominal Amount specified in the applicable Final Terms (as such amount is adjusted from time to time in accordance with the definition of RCA Nominal Amount); or
- (b) where "Collateralisation Level" – Partial Collateralisation Level is specified as applicable in the applicable Final Terms, an aggregate nominal amount of Collateral Assets, at least equal to the Reference Collateral Currency Equivalent of the product of (i) the aggregate Notional Amount of the Secured Securities on such date (or, if so specified in the applicable Final Terms, on the Trade Date) and (ii) the Collateralisation Level; or
- (c) where a Repurchase Agreement has been entered into in connection with the relevant series of Secured Securities, Collateral Assets with a marked to market value (as adjusted by any Haircut) at least equal to the Reference Collateral Currency Equivalent of the product of (i) the aggregate Notional Amount of the Secured Securities on such date and (ii) the Collateralisation Level. Where a Repurchase Agreement is entered into in respect of a series of Secured Securities, the Issuer shall withdraw the relevant Collateral Assets from the Collateral Account on the relevant repurchase date and deliver these to the Repo Counterparty and it will receive from the Repo Counterparty the relevant repurchase price in respect of the Repo Transaction. Where, on the relevant repurchase date, the Issuer enters into a further Repo Transaction with the Repo Counterparty, it will receive Collateral Assets with a marked to market value (as adjusted by any Haircut) at least equal to the Reference Collateral Currency Equivalent of the product of (i) aggregate Notional Amount of the Secured Securities on such date and (ii) the Collateralisation Level and pay the relevant purchase price for such Collateral Assets.

### 3.4 Collateral Pools

Where the Final Terms in respect of a series of Secured Securities specify that "Single Series Pool" will be applicable to the series of Secured Securities, such series of Secured Securities will be the only series of Secured Securities to be secured by the relevant Collateral Pool. Where the Final Terms specify that



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

"Multiple Series Pool" will be applicable to the relevant series of Secured Securities, such series of Secured Securities will be secured by a Collateral Pool which may secure more than one series of Secured Securities.

- 3.5 No collateralisation of Secured Securities held by the Issuer or any of its Affiliates where Group Collateralisation is not applicable

Where Group Collateralisation is specified as not applicable in the applicable Final Terms:

- (a) the Issuer will not deliver Collateral Assets to the Collateral Account on the Initial Posting Date in respect of Secured Securities where the Issuer or any of its Affiliates are the beneficial owner of such Secured Securities (i) in an aggregate nominal amount equal to the product of the Uncollateralised Percentage and an aggregate nominal amount of the relevant Specified Reference Collateral Assets equal to the Initial RCA Nominal Amount or, (ii) where a Repurchase Agreement is a Related Agreement, with an aggregate market value equal to the product of (x) the Uncollateralised Percentage (y) the aggregate Notional Amount of the Secured Securities and (z) the Collateralisation Level provided that, subject to Collateral Security Condition 3.8, Collateral Security Condition 3.9 and Collateral Security Condition 5.17, the Issuer shall always hold in the Collateral Account (or, where Settlement Grace Period and/or Additional Settlement Grace Period are specified as applicable in the applicable Final Terms, shall hold in the Collateral Account by the end of the applicable Reference Collateral Assets Grace Period and/or, as the case may be, the end of the applicable Additional Reference Collateral Assets Grace Period):

(A) an aggregate nominal amount of Collateral Assets; or

(B) where a Repurchase Agreement is a Related Agreement, an amount of Collateral Assets having an aggregate marked to market value,

at least equal, at any time, to the Reference Collateral Currency Equivalent (using, where applicable, the same foreign exchange rate as used to calculate the initial nominal amount of the Specified Reference Collateral Assets which is the Initial RCA Nominal Amount) of the product of (1) the aggregate Notional Amount of the Placed Secured Securities and (2) the Collateralisation Level;

- (b) where the Issuer or any of its Affiliates acquires Secured Securities after the Initial Posting Date, on the Placed Secured Securities Decrease Date, the Issuer will be entitled to withdraw Collateral Assets from the Collateral Account:

(i) with an aggregate nominal amount equal to the product of the Collateralisation Reduction Percentage and the aggregate nominal amount of the relevant Specified Reference Collateral Assets immediately prior to such Placed Secured Securities Decrease Date; or

(ii) where a Repurchase Agreement is a Related Agreement, with an aggregate market value equal to the product of the aggregate Notional Amount of the Secured Securities so acquired and the applicable Collateralisation Level,

provided that, subject to Collateral Security Condition 3.8, Collateral Security Condition 3.9 and Collateral Security Condition 5.17, the Issuer shall always hold in the Collateral Account (or, where Settlement Grace Period and/or Additional Settlement Grace Period are specified as applicable in the applicable Final Terms, shall hold in the Collateral Account by the end of the

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

applicable Reference Collateral Assets Grace Period and/or, as the case may be, the end of the applicable Additional Reference Collateral Assets Grace Period):

- (A) an aggregate nominal amount of Collateral Assets; or
- (B) where a Repurchase Agreement is a Related Agreement, an amount of Collateral Assets having an aggregate marked to market value,

at least equal, at any time, to the Reference Collateral Currency Equivalent (using, where applicable, the same foreign exchange rate as used to calculate the initial nominal amount of the Specified Reference Collateral Assets which is the Initial RCA Nominal Amount) of the product of (1) the aggregate Notional Amount of the Placed Secured Securities (after the decrease in the number of the Placed Secured Securities) and (2) the Collateralisation Level; and

- (c) on each Additional Posting Date, the Issuer will acquire additional Collateral Assets (and transfer such additional Collateral Assets into the Collateral Account):
  - (i) with an aggregate nominal amount equal to the product of the Collateralisation Increase Percentage and the nominal amount of the relevant Specified Reference Collateral Assets held in respect of the Placed Secured Securities immediately prior to such Placed Secured Securities Increase Date; or
  - (ii) where a Repurchase Agreement is a Related Agreement, with an aggregate market value equal to the product of the aggregate Notional Amount of the number of Secured Securities no longer forming part of the BNPP Holding and the applicable Collateralisation Level,

provided that, subject to Collateral Security Condition 3.8, Collateral Security Condition 3.9 and Collateral Security Condition 5.17, the Issuer shall always hold in the Collateral Account (or, where Settlement Grace Period and/or Additional Settlement Grace Period are specified as applicable in the applicable Final Terms, shall hold in the Collateral Account by the end of the applicable Reference Collateral Assets Grace Period and/or, as the case may be, the end of the applicable Additional Reference Collateral Assets Grace Period):

- (A) an aggregate nominal amount of Collateral Assets; or
- (B) where a Repurchase Agreement is a Related Agreement, an amount of Collateral Assets having an aggregate marked to market value,

at least equal, at any time, to the Reference Collateral Currency Equivalent (using, where applicable, the same foreign exchange rate as used to calculate the initial nominal amount of the Specified Reference Collateral Assets which is the Initial RCA Nominal Amount) of the product of (1) the aggregate Notional Amount of the Placed Secured Securities (after the increase in the number of the Placed Secured Securities) and (2) the Collateralisation Level.

Following an Enforcement Event or an Early Redemption Event, the Issuer will procure that it and/or the Affiliate of the Issuer that holds the Secured Securities will renounce and waive all rights (including as to payment) in respect of such Secured Securities and shall submit such Secured Securities for cancellation free of payment. Where Group Collateralisation is specified as not applicable any amounts calculated for the purposes of these Collateral Security Conditions (other than this Collateral Security Condition 3.5) shall be calculated on the basis that any reference to Secured Securities shall be a reference

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

to Placed Secured Securities only and the definitions in Collateral Security Condition 1 shall be construed accordingly.

### 3.6 Claim on Guarantor

In the event that the Issuer fails to make payment of the Shortfall, the Guarantor will on demand (without first requiring the Holder to take further steps against the Issuer or any other person) pay to each Holder in respect of each Secured Security held by him, an amount equal to the Shortfall in the currency in which the Shortfall is payable by the Issuer.

### 3.7 Status of Guarantee

The Guarantee is a senior preferred obligation (within the meaning of Article L.613-30-3-I-3° of the French *Code monétaire et financier*) and unsecured obligation of BNPP and will rank *pari passu* with all its other present and future senior preferred and unsecured obligations subject to such exceptions as may from time to time be mandatory under French law. Secured Securities in respect of which these Collateral Security Conditions are specified as applicable in the relevant Final Terms shall be deemed not to be "Securities" for the purposes only of the Deed of Guarantee for Unsecured Securities dated on or around 1 June 2022, or the French Law Guarantee for Unsecured Securities dated on or around 1 June 2022, entered into, in each case, by BNPP in respect of securities (other than Secured Securities) issued by the Issuer under its note, warrant and certificate programme.

### 3.8 Collateral Exchange

The Issuer may enter into a Collateral Exchange Agreement with the Collateral Exchange Counterparty and:

- (a) where Collateral Exchange Agreement – Two Way Transfer is specified as applicable in the applicable Final Terms, when required by the Collateral Exchange Counterparty under the terms of the relevant Collateral Exchange Agreement, the Issuer shall be entitled to withdraw some or all of the relevant Specified Reference Collateral Assets from the Collateral Account and transfer such Specified Reference Collateral Assets to the Collateral Exchange Counterparty against delivery of Replacement Collateral Assets with a marked to market value at least equal to the product of the Over Collateralisation Level and the marked to market value of such Specified Reference Collateral Assets which are being withdrawn provided that for the purposes of the applicable Early Redemption Events, the relevant RCA Issuer, RCA Guarantor and, if applicable, the RCA Parent shall be deemed to be the RCA Issuer, RCA Guarantor and, if applicable the RCA Parent in respect of the Reference Collateral Assets notwithstanding the transfer of the Reference Collateral Assets under the Collateral Exchange Agreement. In accordance with the terms of the relevant Collateral Exchange Agreement, prior to the redemption of the relevant series of Secured Securities and provided that no Early Redemption Event or Event of Default occurs, the Collateral Exchange Counterparty will transfer Equivalent Securities in respect of the Reference Collateral Assets to the Issuer and the Issuer will transfer Equivalent Securities in respect of the Replacement Collateral Assets to the Collateral Exchange Counterparty. Where a Collateral Exchange Agreement is specified as applicable in the applicable Final Terms and an Early Redemption Event occurs which does not result from a Related Agreement Counterparty Default, save where Collateral Physical Settlement is applicable in respect of the relevant Early Redemption Event, any reference to the Collateral Sale Proceeds and the sale of the Collateral Assets shall be deemed to be a reference to a sale of the Issuer's rights under the Collateral Exchange Agreement to receive Equivalent Securities in respect of the Reference Collateral Assets and to the proceeds from such sale where such

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

rights shall be the subject of such sale rather than the securities themselves in accordance with Collateral Security Condition 5.3 and Collateral Security Condition 5.3 shall be construed accordingly. Upon the early termination of the Collateral Exchange Agreement where Collateral Physical Settlement is applicable in respect of an Early Redemption Event and no Related Agreement Counterparty Default has occurred, the Collateral Exchange Counterparty will use commercially reasonable efforts to transfer the equivalent securities in respect of the Received Collateral to the Issuer in accordance with the provisions of the Collateral Exchange Agreement and, the Issuer will transfer equivalent securities in respect of the Replacement Collateral Assets to the Collateral Exchange Counterparty. Where the Collateral Exchange Counterparty is unable (after using commercially reasonable efforts) to transfer Equivalent Securities in respect of all or part of the Received Collateral to the Issuer in accordance with the provisions of the Collateral Exchange Agreement, an amount will be payable by the Collateral Exchange Counterparty to the Issuer as described in Collateral Security Condition 5.4 in lieu of such delivery;

- (b) where Collateral Exchange Agreement – One Way Transfer Securities Lending is specified as applicable in the applicable Final Terms, when required by the Collateral Exchange Counterparty under the terms of the relevant Collateral Exchange Agreement, the Issuer shall be entitled to withdraw some or all of the relevant Specified Reference Collateral Assets from the Collateral Account and deliver such Specified Reference Collateral Assets to the Collateral Exchange Counterparty provided that for the purposes of the applicable Early Redemption Events, the relevant RCA Issuer, RCA Guarantor and, if applicable, the RCA Parent shall be deemed to be the RCA Issuer, RCA Guarantor and, if applicable the RCA Parent in respect of the Reference Collateral Assets notwithstanding the transfer of the Reference Collateral Assets under the Collateral Exchange Agreement. In accordance with the terms of the relevant Collateral Exchange Agreement, prior to the redemption of the relevant series of Secured Securities and provided that no Early Redemption Event or Event of Default occurs, the Collateral Exchange Counterparty will transfer Equivalent Securities in respect of the Reference Collateral Assets to the Issuer;
- (c) Where Collateral Exchange Agreement – Triparty Transfer is specified as applicable in the applicable Final Terms, when required by the Collateral Exchange Counterparty under the terms of the relevant Collateral Exchange Agreement, the Issuer shall withdraw some or all of the relevant Specified Reference Collateral Assets from the Collateral Account and transfer such Specified Reference Collateral Assets to the Collateral Exchange Counterparty against delivery of Replacement Collateral Assets with a marked to market value at least equal to the product of the Over Collateralisation Level and the marked to market value of such Specified Reference Collateral Assets which are being withdrawn (as calculated by the Triparty Services Agent) provided that for the purposes of the applicable Early Redemption Events, the relevant RCA Issuer, RCA Guarantor and, if applicable, the RCA Parent shall be deemed to be the RCA Issuer, RCA Guarantor and, if applicable the RCA Parent in respect of the Reference Collateral Assets notwithstanding the transfer of the Reference Collateral Assets under the Collateral Exchange Agreement. In accordance with the terms of the relevant Collateral Exchange Agreement, prior to the redemption of the relevant series of Secured Securities and provided that no Early Redemption Event or Event of Default occurs, the Collateral Exchange Counterparty, will procure the transfer of Equivalent Securities in respect of the Reference Collateral Assets to the Issuer and the Triparty Services Agent, on behalf of the Issuer, will transfer Equivalent Securities in respect of the Replacement Collateral Assets to the Collateral Exchange Counterparty. Where a Collateral Exchange Agreement is specified as applicable in the applicable Final Terms and an Early Redemption Event occurs which does not result from a

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Related Agreement Counterparty Default, save where Collateral Physical Settlement is applicable in respect of the relevant Early Redemption Event, any reference to the Collateral Sale Proceeds and the sale of the Collateral Assets shall be deemed to be a reference to a sale of the Issuer's rights under the Collateral Exchange Agreement to receive Equivalent Securities in respect of the Reference Collateral Assets and to the proceeds from such sale where such rights shall be the subject of such sale rather than the securities themselves in accordance with Collateral Security Condition 5.3 and Collateral Security Condition 5.3 shall be construed accordingly. Where Collateral Exchange Agreement – Triparty Transfer applies to a series of Secured Securities, the Issuer may enter into one or more additional agreements with, inter alios, the Collateral Exchange Counterparty and/or the Triparty Services Agent in addition to the Collateral Exchange Agreement itself and any reference herein to the Collateral Exchange Agreement shall be construed accordingly so as to include such additional agreements save that any termination of such additional agreements shall not constitute a Related Agreement Termination Event.

### 3.9 Credit Support Obligations

Where the Issuer enters into a Credit Support Document with a Swap Counterparty, it may be required to transfer some or all of the relevant Collateral Assets relating to a series of Secured Securities to the Swap Counterparty in order to comply with its obligations under such Credit Support Document but shall not at any time be required to transfer any more than the aggregate amount of Collateral Assets that it holds at such time.

### 3.10 Collateral Substitution by the Swap Counterparty

Where this Collateral Security Condition 3.10 is specified as being applicable in the applicable Final Terms then the Specified Reference Collateral Assets may be substituted in whole or part by the Swap Counterparty provided that no Event of Default has occurred. If applicable, the applicable Final Terms will specify whether the Swap Counterparty (i) may substitute the Specified Reference Collateral Assets in its discretion from time to time or (ii) will be obliged to substitute the Specified Reference Collateral Assets where the Specified Reference Collateral Assets are redeemed in whole or in part for any reason (other than upon an Early Redemption Event in relation to which the Issuer has served an Early Redemption Notice, but including upon its stated maturity save where the maturity or redemption of the Collateral Assets falls within two calendar weeks prior to the Redemption Date of the Securities).

The Swap Counterparty may substitute the Specified Reference Collateral Assets (including, for the avoidance of doubt, any redemption proceeds following the redemption of the Reference Collateral Assets) for (in each case, the "**Qualifying Collateral**"):

- (a) either (i) securities denominated in the Specified Currency issued by the Eligible Collateral Issuer ("**Eligible Collateral Issuer Obligations**") or (ii) Specified Obligations where "Dual Substitution" is specified as applicable in the applicable Final Terms; or
- (b) Eligible Collateral Issuer Obligations where "Single Substitution" is specified in the applicable Final Terms; or
- (c) such other securities which constitute Eligible Collateral in the currency in which the existing Specified Reference Collateral Assets is expressed to be payable where "Alternative Substitution" is specified in the Final Terms.

The Qualifying Collateral to be substituted must be in a principal amount equal (or, if in another currency, the equivalent to the principal amount of the currency in which the Specified Reference Collateral Assets

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

being substituted are expressed to be payable, as determined on the date of such substitution by the Swap Counterparty in its sole discretion) to the then principal amount of Specified Reference Collateral Assets (or, in the case of a substitution or redemption of part only of the Specified Reference Collateral Assets, of the relevant proportion thereof as at the date of such substitution).

The relevant Qualifying Collateral, which may be substituted for the relevant Specified Reference Collateral Assets, shall be delivered by the Swap Counterparty to the Collateral Custodian.

By making any substitution pursuant to this Collateral Security Condition 3.10, the Swap Counterparty shall be deemed to agree with the Issuer and the Security Trustee that its obligations under the Swap Agreement shall continue in full force and effect irrespective of such substitution and that no termination or adjustment to its obligations thereunder shall occur as a consequence of such substitution.

The relevant Collateral Assets to be substituted shall, provided that the conditions for substitution referred to in this Collateral Security Condition 3.10 are met, be automatically released from the security created in respect of them under the Security Agreements. The Issuer, the Security Trustee (at the request and cost of the Issuer) and the Swap Counterparty will upon such substitution enter into such further documentation as may be required (if at all) by any applicable law and/or as may be required to give effect to the creation of security over any replacement securities, in the manner set out in this Collateral Security Condition 3.10. The Security Trustee shall have no obligation to monitor the Collateral Assets held in the Collateral Account at any time or to verify whether any substituted Specified Reference Collateral Assets constitute Qualifying Collateral, and shall have no obligation to investigate whether any substitution has been effected in accordance with this Collateral Security Condition 3.10.

After any substitution, references in these Collateral Security Conditions and the Security Agreements to Specified Reference Collateral Assets shall be construed as references to the Specified Reference Collateral Assets as substituted then comprised in the Charged Assets and references to "Charged Assets" shall be deemed to include any additional assets or rights charged or assigned in favour of the Security Trustee pursuant to such substitution.

If "Notice of Substitution" is specified as applicable in the applicable Final Terms, the Issuer shall give notice of any substitution under this Condition 3.10 to Holders in accordance with Security Condition 10.

Where this Collateral Security Condition 3.10 applies and "Notice of Substitution" is not specified as applicable in the applicable Final Terms, the Security Trustee and any Holders may on any Business Day require the Issuer to notify them of the composition of the Collateral Assets at such time.

### 3.11 Transfer of Specified Reference Collateral Assets upon termination of the Swap Agreement

Where the applicable Final Terms specify that the relevant series of Secured Securities is a SB/JGB Repackaging, upon termination of a Swap Agreement, the Swap Counterparty will, in addition to any other amount payable upon such termination (if any), either:

- (a) where the Secured Securities are to be redeemed by payment of an amount under Collateral Security Condition 5.9 or Collateral Security Condition 5.10 calculated by reference to the Reference Price, pay the Issuer an amount equal to the product of the Notional Amount outstanding of the Secured Securities and the Reference Price; or
- (b) where the Secured Securities are to be redeemed by delivery of Specified Obligations pursuant to Collateral Security Condition 5.9 or Collateral Security Condition 5.10, deliver Specified Obligations, the subject of such Swap Agreement, in a nominal amount equal to the Notional

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Amount outstanding of the Secured Securities (or, where Collateral Security Condition 5.11 is applicable, the lesser of the Notional Amount outstanding of the Secured Securities and the relevant Reference Partial Redemption Amount),

in both cases against delivery of the Specified Reference Collateral Assets or, where applicable, the redemption proceeds thereof (or in the case of a partial redemption pursuant to Collateral Security Condition 5.11, against delivery of Specified Reference Collateral Assets (or the redemption proceeds thereof) with a nominal amount equal to the relevant Reference Partial Redemption Amount) to the Swap Counterparty by or on behalf of the Issuer;

### 3.12 Related Agreements

The Issuer may enter into one or more Related Agreement(s) including a Swap Agreement. Under the Swap Agreement payments will be made on Swap Business Days. Where in the applicable Final Terms any of the Repurchase Agreement, Swap Agreement or Collateral Exchange Agreement are specified to be not applicable, references in these Collateral Security Conditions to such document or agreement and to any Swap Counterparty, Repo Counterparty or Collateral Exchange Counterparty, as the case may be, shall not be applicable.

### 3.13 Currency Conversion

Where any Collateral Assets which are denominated in a currency other than the Specified Currency (such other currency the "**Other Currency**") are sold in accordance with Collateral Security Condition 5 or Collateral Security Condition 7 or the Issuer receives any amounts in an Other Currency which are to be paid to the Holders, such amounts will be converted into the Specified Currency at an exchange rate determined by the Calculation Agent in a commercially reasonable manner (in the case of Collateral Security Condition 5) or by the Security Trustee or any agent of the Security Trustee (in the case of Collateral Security Condition 7) at the market rate available to the Security Trustee in each case immediately prior to the payment of the relevant amount to the Holders.

### 3.14 Swap Counterparty Call Option

Where Swap Counterparty Call is specified as applicable in the applicable Final Terms, under the Swap Agreement, on the Call Exercise Date, the Swap Counterparty shall have an option to terminate the Swap Agreement without the payment of a termination payment by either party on the Optional Redemption Date. Following service by the Swap Counterparty of a notice that it has elected to terminate the Swap Agreement in whole or in part on the Call Exercise Date, the Issuer shall redeem the Certificates in accordance with Collateral Security Condition 8.3, subject to the occurrence of an Early Redemption Event or Event of Default. Where the relevant Reference Collateral Assets are to be transferred to the Swap Counterparty against payment of an amount equal to the relevant Optional Redemption Amount (and any accrued and unpaid interest on the Certificates), such Reference Collateral Assets shall be automatically released from the security created in respect of them under the Security Agreements to allow such transfer to the Swap Counterparty.

## 4. Guarantee

Subject as provided below and in the relevant Guarantee, BNPP has unconditionally and irrevocably guaranteed to each Holder that, if, following the occurrence of an Enforcement Event and enforcement of the Security Interests in respect of the relevant Collateral Pool and the calculation of the relevant Security Termination Amount, for any reason the Issuer does not pay the Security Termination Amount in respect of a Secured Security in full and, where Physical Delivery of Collateral is applicable, is deemed not to have paid the Calculated Security Termination Amount in respect of a Secured Security in full,

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

BNPP will not later than five Paris Business Days (as defined in the relevant Guarantee) after a demand has been made on BNPP pursuant thereto (without requiring the relevant Holder first to take steps against the Issuer or any other person) pay an amount equal to the Shortfall in the currency in which such payment is due in immediately available funds as though BNPP were the principal obligor in respect of such obligation provided that BNPP shall not be obliged to make any payment under this Guarantee in respect of a Secured Security until the Collateral Assets in the Collateral Pool securing such Secured Security have been realised or liquidated in full and distributed in the manner set out in Collateral Security Condition 7 and/or where, Physical Delivery of Collateral is applicable, the Latest Delivery Date has occurred.

### 5. Early Redemption

#### 5.1 Early Redemption Events

Where any Early Redemption Events are applicable to a series of Securities, then each Security shall be redeemed early by the Issuer in accordance with this Collateral Security Condition 5 following the delivery of an Early Redemption Notice by, or on behalf of, the Issuer at its Early Redemption Amount on the Early Redemption Date or, where Collateral Physical Settlement is applicable in respect of the relevant Early Redemption Event, redeemed early by the Issuer in accordance with this Collateral Security Condition 5 following the delivery of an Early Redemption Notice by, or on behalf of, the Issuer by delivery of the Early Redemption Delivery Share applicable to such Security and payment of a pro rata share of any Early Residual Proceeds Amount provided that Secured Securities which are specified to be SB/JGB Repackagings will be redeemed in accordance with Collateral Security Condition 5.9 or Collateral Security Condition 5.10, as applicable and provided further that where Asset Redemption Event is an applicable Early Redemption Event in respect of a series of Securities and RCA Call Event and/or RCA Makewhole Event are applicable Early Redemption Events, where the Specified Reference Collateral Assets are redeemed early in circumstances which would constitute both an Asset Redemption Event and a RCA Call Event and/or a RCA Makewhole Event, as applicable, such redemption shall be treated as a RCA Call Event or RCA Makewhole Event, as the case may be, rather than an Asset Redemption Event.

#### 5.2 Sale or delivery of Collateral Assets

Following the occurrence of an Early Redemption Event and delivery of an Early Redemption Notice, save where Collateral Physical Settlement is applicable in respect of the relevant Early Redemption Event, the Issuer shall as soon as reasonably practicable arrange for the sale of the Specified Reference Collateral Assets (and in connection therewith may appoint an agent to assist it in arranging such sale, a "**Collateral Disposal Agent**") in accordance with Collateral Security Condition 5.3 provided that, where the relevant Early Redemption Event which has occurred is a RCA Early Call Event, an Adjusted Asset Redemption Event or an Asset Redemption Event unless Collateral Sale is specified as applicable in respect of such Early Redemption Event in the applicable Final Terms, the Issuer or any Collateral Disposal Agent (on its behalf) will not attempt to sell the relevant Specified Reference Collateral Assets in respect of which the relevant Early Redemption Event has occurred in accordance with Collateral Security Condition 5.3 and instead will use an amount equal to the product of (a) the redemption proceeds received from the early redemption of the Specified Reference Collateral Assets and (b) the Collateralised Percentage and any amounts received under any applicable Related Agreement to redeem the Securities and pay other amounts due in connection with the early redemption of the Securities provided further that where a sale of Credit Support Assets would be undertaken in accordance with the last paragraph of Collateral Security Condition 5.3, such sale shall still take place in the circumstances set out in the last paragraph of Collateral Security Condition 5.3 where a RCA Early Call Event, an Adjusted Asset Redemption Event or an Asset Redemption Event is the relevant Early Redemption Event



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

which is the subject of the relevant Early Redemption Notice notwithstanding that Collateral Security Condition 5.3 would not otherwise apply and the Issuer may appoint a Collateral Disposal Agent in respect of any such sale.

### 5.3 Sale of Collateral Assets

Where this Collateral Security Condition 5.3 is applicable, the Issuer or the Collateral Disposal Agent shall on the Initial Collateral Valuation Date (which must fall within the Initial Collateral Valuation Period) seek firm bid quotations for the sale of the relevant Collateral Assets in respect of the relevant series of Secured Securities from at least three dealers in assets such as the relevant Specified Reference Collateral Assets (and, for such purpose, it may seek quotations in respect of such Collateral Assets in their entirety or in respect of designated tranches thereof, as it considers appropriate) provided that at least one of such dealers shall be BNP Paribas SA;

- (a) the Collateral Disposal Agent may itself provide a bid in respect of the relevant Collateral Assets relating to the relevant series of Secured Securities or any tranche thereof; and
- (b) the Issuer shall and shall be authorised to accept in respect of each relevant tranche or, as applicable, the entirety of the relevant Collateral Assets the highest such quotation so obtained (which may be a quotation from the Collateral Disposal Agent) provided that where the highest quotation is not received from BNP Paribas, BNP Paribas shall be given the opportunity to submit a revised quotation which is at least equal to the highest quotation (a "**Matching Quotation**") and if BNP Paribas does submit such a Matching Quotation, the Issuer will sell the relevant Collateral Assets to BNP Paribas.

Subject as may otherwise be provided for in these Collateral Security Conditions or the Final Terms, in effecting the sales, the Issuer may sell the relevant Collateral Assets relating to the relevant series of Secured Securities in one single tranche or in smaller tranches as it considers appropriate in order to attempt reasonably to maximise the proceeds from such sale. If the Issuer and/or the Collateral Disposal Agent does not receive at least two quotations for all the Collateral Assets on the Initial Collateral Valuation Date (including a quotation from BNP Paribas), it shall attempt to sell the Collateral Assets on at least two other Business Days during the Collateral Valuation Period in the manner set out above provided that, if on any subsequent Collateral Valuation Date other than the Initial Collateral Valuation Date during the Collateral Valuation Period, the Issuer and/or the Collateral Disposal Agent only receive one firm bid quotation for the relevant Collateral Assets, the Issuer may sell the Collateral Assets to the relevant dealer which has provided such firm bid quotation and, if BNP Paribas is the only dealer that is willing to provide a firm bid quotation for the Collateral Assets, the Issuer may sell the Collateral Assets to BNP Paribas. If, after the third such attempted sale (including the Initial Collateral Valuation Date), the Issuer and the Collateral Disposal Agent (if any) have still received no firm bid quotations for the relevant Collateral Assets, the relevant Collateral Assets shall be deemed to have a value of zero and the Issuer shall have no further obligation to attempt to sell the Collateral Assets.

The Issuer will not sell Collateral Assets which are Credit Support Assets (other than those received by the Issuer under a Repurchase Agreement) and references to Collateral Assets in this Collateral Security Condition 5.3 shall be construed accordingly unless (i) the relevant Early Redemption Event is a Related Agreement Termination Event where the Swap Counterparty is the Defaulting Party (as defined in the Swap Agreement) under the relevant Swap Agreement or, where applicable, the Collateral Exchange Counterparty is the defaulting party under the Collateral Exchange Agreement or (ii) a Swap Agreement Termination Payment is due from the Swap Counterparty to the Issuer, or as the case may be, a Collateral Exchange Agreement Termination Payment is due from the Collateral Exchange Counterparty to the Issuer and such payment is not made when due under the relevant Related Agreement, in which case the

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Collateral Assets which are to be sold in accordance with this Collateral Security Condition 5.3 shall include any Credit Support Assets and Replacement Collateral Assets held by the Issuer.

### 5.4 Collateral Physical Settlement

Following the occurrence of an Early Redemption Event and delivery of an Early Redemption Notice, where Collateral Physical Settlement has been specified as applicable in respect of the relevant Early Redemption Event in the applicable Final Terms, the Issuer shall as soon as reasonably practicable deliver the Available Specified Reference Collateral Assets to the Holders. Where delivery of the Specified Reference Collateral Assets is due to be made in respect of Securities, Security Conditions 30 and 35.2 shall apply and, for such purposes, the Securities shall be deemed to be Physical Delivery Securities, notwithstanding the terms of Security Condition 35.2(a)(iii), the Delivery Date shall be the Early Redemption Date (unless specified otherwise in the applicable Final Terms) and the Entitlement (unless specified otherwise in the applicable Final Terms) shall be deemed to be the delivery of the Early Redemption Delivery Share applicable to such Security and the Issuer shall pay a pro rata share of the sum of any Early Residual Proceeds Amount, Credit Support Sale Proceeds and/or Early Redemption Additional Proceeds Amount (after the use of such sums to pay any Early Redemption Costs) in respect of each Certificate on the applicable Delivery Date. Where the Issuer has entered into a Collateral Exchange Agreement with the Collateral Exchange Counterparty if, upon the termination of the Collateral Exchange Agreement following the occurrence of an Early Redemption Event where no Related Agreement Counterparty Default has occurred, the Collateral Exchange Counterparty is unable (after using commercially reasonable efforts) to transfer Equivalent Securities in respect of all or part of the Received Collateral to the Issuer in accordance with the provisions of the Collateral Exchange Agreement (such securities which are not transferred being "**Undelivered Equivalent Securities**"), the Collateral Exchange Counterparty will pay an amount equal to the fair market value (as determined by the Collateral Exchange Counterparty) of the relevant Undelivered Equivalent Securities to the Issuer in lieu of such delivery by way of a termination payment and, for the avoidance of doubt, such amount shall form part of the Early Redemption Additional Proceeds Amount.

Prior to determining the Early Redemption Delivery Share in respect of each Secured Security, the Issuer shall determine the cash amount which is equal to the sum of the Credit Support Sale Proceeds and the Early Redemption Additional Proceeds Amount and whether such cash sum is sufficient to satisfy any applicable Early Redemption Costs in full. If such sum is not sufficient to satisfy the applicable Early Redemption Costs in full, the Calculation Agent shall then calculate the amount of Specified Reference Collateral Assets which are required to be sold in order to pay any Early Redemption Costs after the application of such Credit Support Sale Proceeds and Early Redemption Additional Proceeds Amount to pay such Early Redemption Costs and the Issuer shall arrange for the sale of the relevant amount of Specified Reference Collateral Assets to meet any unsatisfied Early Redemption Costs and any proceeds from such sale remaining after payment of such Early Redemption Costs shall be the "**Early Residual Proceeds Amount**" and shall be paid in accordance with this Collateral Security Condition 5.4.

In connection with any such delivery in respect of the Secured Securities, such delivery shall be made in accordance with Security Conditions 30 and 35.2 and the Entitlement and Entitlement Amount shall be deemed to be a Security's Early Redemption Delivery Share. The Issuer shall be entitled to appoint one or more agents to assist it with the delivery of the Entitlement and sale required of Collateral Assets required to be made in accordance with this Collateral Security Condition 5.4.

In connection with such delivery, (i) Security Conditions 5.3, 5.4 and 5.5 shall not apply, (ii) for the purposes of Security Condition 11.1, Security Expenses shall be deemed to include any expenses and costs which are incurred in delivery of the Collateral Assets in accordance with this Collateral Security Condition 5.4, (iii) the Issuer shall be entitled to deduct from the assets deliverable to Holders all Security

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Expenses not previously deducted from amounts paid or assets delivered to Holders, as the Issuer shall in its sole and absolute discretion determine are attributable to the relevant Secured Securities and (iv) any reference in the Security Conditions to "Relevant Assets" shall be deemed, in connection with a delivery of Collateral Assets in accordance with this Collateral Security Condition 5.4, to be a reference to "Specified Reference Collateral Assets".

The final sentence of the first paragraph of Security Condition 35.2(c) shall not apply and the Collateral Assets which it is not possible to deliver to a Holder due to such rounding shall, if and to the extent practicable, be sold by the Issuer (or by such agent as may be appointed by the Issuer for such purpose) and a pro rata share of the resulting amount (the "**Rounding Amount**") shall be paid to each Holder whose Entitlement is subject to such rounding.

Any reference in the Security Conditions to Relevant Assets shall be deemed to be, in connection with an Early Redemption Event, a reference to the Specified Reference Collateral Assets which are comprised in the Entitlement for such Secured Security. Where Collateral Physical Settlement is applicable and the relevant Specified Reference Collateral Assets have redeemed prior to the date on which the Specified Reference Collateral Assets are delivered, in lieu of such delivery, the Holder shall be entitled to payment of a pro rata share of such redemption proceeds after payment of any Early Redemption Costs. Where Collateral Physical Settlement is applicable and (i) the Issuer is holding Credit Support Assets relating to the relevant series of Secured Securities, (ii) such Credit Support Assets are Margin Securities and/or (iii) where (A) the relevant Early Redemption Event is a Related Agreement Termination Event where the Swap Counterparty is the Defaulting Party (as defined in the Swap Agreement) under the relevant Swap Agreement or, where applicable, the Collateral Exchange Counterparty is the defaulting party under the Collateral Exchange Agreement or (B) a Swap Agreement Termination Payment is due from the Swap Counterparty to the Issuer, or, as the case may be, a Collateral Exchange Agreement Termination Payment is due from the Collateral Exchange Counterparty to the Issuer, and, where either (A) or (B) applies, such payment is not made when due under the relevant Related Agreement, the relevant Credit Support Assets shall be sold in the manner set out in Collateral Security Condition 5.3. In addition, where the Collateral Exchange Counterparty is the defaulting party under the Collateral Exchange Agreement and the Issuer is holding Replacement Collateral Assets, such Replacement Collateral Assets shall be sold in the manner set out in Collateral Security Condition 5.3. The sale proceeds in respect thereof shall be first used to pay any Early Redemption Costs before the Issuer or the Collateral Disposal Agent sells any Specified Reference Collateral Assets and any proceeds of such sale shall be treated as Credit Support Sale Proceeds for the purposes of the first two paragraphs of this Collateral Security Condition 5.4.

The Issuer will not deliver Collateral Assets which are Credit Support Assets or Replacement Collateral Assets to the Holders and references in this Collateral Security Condition 5.4 to Collateral Assets shall be construed accordingly.

Where Collateral Physical Settlement has been specified as applicable in the applicable Final Terms and a Settlement Disruption Event occurs, Security Condition 5.1 (as amended in Collateral Security Condition 8.8) shall apply.

Where "Essential Trigger" is specified in the applicable Final Terms, Collateral Physical Settlement will not apply.

### 5.5 Annex Early Redemption Events

Where the Early Redemption Notice relates to an Annex Early Redemption Event, the amount payable on redemption of the Securities will be the Early Redemption Amount determined pursuant to this

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Collateral Security Condition 5 and not the fair market value of the Security or other amount set out in the relevant applicable Annex or in Security Condition 15 or Security Condition 34.12 and/or where Annex Early Redemption Event – External Event is specified as applicable in the applicable Final Terms and the Issuer elects to redeem the Securities in accordance with Security Condition 7.1 or 7.2, any amount which could otherwise be payable in accordance with such Security Condition 7.1 or 7.2, provided that, where Essential Trigger is specified as applicable in the applicable Final Terms, where the Issuer elects to redeem the Securities in accordance with Security Condition 7.1 or 7.2, the amount which will be payable will be the Early Redemption Amount calculated in accordance with the definition of ERE Force Majeure/No Unwind Costs.

### 5.6 Credit Notional Value Repack Securities

Where the Secured Securities are Credit Notional Value Repack Securities, Credit Security Conditions 2(b)(i), 2(b)(iii), or 2(g) shall not apply to the Secured Securities and instead, save where Credit Linked Interest Only is specified as applicable in the applicable Final Terms following the occurrence of an Event Determination Date, the applicable Early Redemption Amount will be payable. Where an event occurs which would lead to an early redemption of the Secured Securities in accordance with Credit Security Conditions 2(d) or 2(e), an Annex Early Redemption Event shall be deemed to have occurred and the amount payable on redemption of the Securities will be the Early Redemption Amount determined in accordance with these Collateral Security Conditions and not the fair market value of the Security.

Save where Credit Linked Interest Only is specified as applicable in the applicable Final Terms, where an Event Determination Date occurs in respect of a Credit Event (as defined in Annex 12 (Additional Terms and Conditions for Credit Securities)) which is a Restructuring and the Exercise Amount is for an amount less than the aggregate Notional Amount outstanding of the Securities, the Securities shall be partially redeemed ("**Credit Partial Redemption**") pro rata in an amount equal to the Exercise Amount (the "**Credit Partial Redemption Amount**"). The Securities, in an amount equal to the aggregate Notional Amount outstanding prior to any Credit Partial Redemption less the relevant Credit Partial Redemption Amount, shall remain outstanding and the words "Notional Amount of the Secured Securities" or "nominal value" should be construed accordingly where relevant. Interest (if applicable) shall continue to accrue on the Notional Amount outstanding of the Secured Securities following the reduction in such Notional Amount outstanding upon a Credit Partial Redemption in accordance with Security Condition 32.

### 5.7 Scheduled Repayment of Collateral Assets

Where either (a) more than one issue or type of Specified Reference Collateral Asset is specified in respect of a series of Secured Securities in the applicable Final Terms and one of the Specified Reference Collateral Assets is scheduled to mature prior to the Redemption Date or (b) the relevant Specified Reference Collateral Assets are scheduled to redeem in part from time to time, unless Amortisation Trigger is specified as applicable in respect of the relevant Reference Collateral Assets or RCA Makewhole Event is an applicable Early Redemption Event and a RCA Makewhole Event occurs (in which latter case Collateral Security Condition 5.12 shall apply), in the event that some only of the Reference Collateral Assets in the relevant Collateral Pool are redeemed (the "**Repayable Assets**") or part of the principal amount of a Specified Reference Collateral Asset is redeemed in accordance with its terms (a "**Partial Redemption**"), each Security will be partially redeemed on a pro rata basis, in a notional amount equal to the proportion of the then outstanding aggregate notional amount of the Securities that the principal amount of the Repayable Assets or the principal amount of the Partial Redemption (together, a "**Notional Reduction Amount**") bears to the aggregate principal amount of all of the Specified Reference Collateral Assets and no Early Redemption Event shall be deemed to have

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

occurred. Any such redemption shall occur not later than 10 Business Days following the date on which the Issuer receives the relevant redemption proceeds in respect of the relevant Specified Reference Collateral Assets. Interest (if applicable) shall continue to accrue on the Notional Amount outstanding of the Secured Securities following the reduction in such Notional Amount by the relevant Notional Reduction Amount in accordance with Security Condition 32.

### 5.8 Market Value Put Option

If so provided in the applicable Final Terms, the Holder(s) of 100 per cent. of the Secured Securities of a series which is secured by a Single Series Collateral Pool will have the option (the "**Market Value Put Option**") to require the Issuer to redeem the Securities at any time prior to the scheduled Redemption Date by payment to each Holder of an amount that is equal to such Holder's pro rata share of the Put Option Redemption Amount. The date for redemption following the exercise by the Holder(s) of the Market Value Put Option shall be the date falling 10 Business Days after the date on which the relevant Securities together with a Put Notice (where there is only one Holder) or the last Put Notice (where there are two or more Holders and each of them has exercised the Market Value Put Option) are deposited with a Security Agent (the "**Put Optional Redemption Date**"), provided that, if in the discretion of the Calculation Agent it is not practicable or possible to redeem the Securities on such date, the Issuer shall redeem the Securities on a date determined by the Calculation Agent.

If the Certificate is held outside DTC, Euroclear and Clearstream, Luxembourg, Euroclear France and/or any other relevant Clearing System, other than in the case of CREST Dematerialised Certificates to exercise the Market Value Option, the Holder of the Certificate must deliver at the specified office of any Security Agent or the Registrar at any time during normal business hours of such Registrar or Security Agent falling within the Holder's Option Period, a duly completed and signed notice of exercise in the form (for the time being current) obtainable from any specified office of any Security Agent (a "**Put Notice**") and in which the Holder must specify a bank account (or, if payment is required to be made by cheque, an address) to which payment is to be made under this Collateral Security Condition 5.8, accompanied by the Certificate or evidence satisfactory to the Security Agent concerned that the Certificate will, following delivery of the Put Notice, be held to its order or under its control in a manner reasonably satisfactory to the Security Agent concerned. If the Certificate is held through DTC, Euroclear or Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System, to exercise the right to require redemption of the Certificate the Holder of the Certificate must, within the Holders' Option Period, give notice to the Security Agent concerned of such exercise in accordance with the standard procedures of DTC, Euroclear and Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System (which may include notice being given on such Holder's instruction by Euroclear or Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System or any common depositary for them to the Security Agent by electronic means) in a form acceptable to DTC, Euroclear and Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System from time to time and, if the Certificate is represented by a Global Certificate, at the same time present or procure the presentation of the relevant Global Certificate to the relevant Security Agent for notation accordingly. In the case of Finnish Dematerialised Certificates, in order to exercise this option the Holder must transfer or procure the transfer of the relevant Certificates have been transferred to the account designed by the Finnish Security Agent and procure that such account is blocked for further transfer on or prior to the Put Optional Redemption Date. Any Put Notice given by a Holder of any Certificate

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

pursuant to this Collateral Security Condition 5.8 shall be irrevocable unless otherwise agreed by the Issuer.

### 5.9 Early Redemption in respect of SB/JGB Repackagings - standard

Where the applicable Final Terms specify that the relevant series of Secured Securities is a SB/JGB Repackaging and the method of early redemption is specified as being "Standard":

- (a) For the purposes of the Collateral Security Conditions, the delivery of a Reference Collateral Credit Event Notice in respect of a Reference Collateral Credit Event shall be deemed to be an Early Redemption Event.
- (b) Following the delivery by the Calculation Agent of a Reference Collateral Credit Event Notice in respect of a Specified Reference Entity, the Issuer shall give notice to the Holders in accordance with Security Condition 10 of the redemption of the relevant series of Secured Securities to occur on the date falling three Business Days after the Calculation Date, and shall redeem the Securities on such date by payment to each Holder of such Holder's pro rata share of an amount which is equal to the product of the Notional Amount outstanding of the Securities and the Reference Price (which shall be expressed as a percentage) less any amounts payable in respect of any Security Trustee's fees, costs and expenses.
- (c) Following the delivery by the Calculation Agent of a Reference Collateral Credit Event Notice in respect of an Eligible Collateral Issuer, the Issuer shall give notice to the Holders in accordance with Security Condition 10 of the redemption of the relevant series of Secured Securities to occur on the date specified in the notice, which shall be the date falling three Business Days after the service of such notice, and shall redeem the Securities on such date by procuring the delivery to each Holder of such Holder's pro rata share of the Specified Reference Collateral Assets (after rounding down such entitlement to the largest amount of Specified Reference Collateral Assets which is transferable) or, if before its delivery the Specified Reference Collateral Assets are redeemed, the payment to each Holder of such Holder's pro rata share of the redemption proceeds thereof.

The Issuer will procure that the Specified Reference Collateral Assets to be delivered pursuant to this Collateral Security Condition 5.9(c) are delivered in accordance with the physical settlement procedures set out in Collateral Security Condition 5.4 provided for such purpose there shall be deemed to be no Early Redemption Costs.

- (d) Following the occurrence of an Early Redemption Event other than a Reference Collateral Credit Event in respect of the Specified Reference Entity or the Eligible Collateral Issuer, the Issuer may give notice to the Holders in accordance with Security Condition 10 of the redemption of the Securities to occur on the date specified in the notice, which shall be the date falling 30 Business Days after the Early Redemption Notice is delivered, and shall redeem the Securities on such date by procuring the delivery to each Holder of such Holder's Early Redemption Delivery Share in respect of each Security it holds.

The Issuer will procure that the Specified Reference Collateral Assets to be delivered pursuant to this Collateral Security Condition 5.9(d) are delivered in accordance with the physical settlement procedures set out in Collateral Security Condition 5.4.

- (e) For the avoidance of doubt, where delivery of securities is to be made to Holders in accordance with Collateral Security Condition 5.9(c) or (d), as set out in Collateral Security Condition 5.4, a Holder will also receive a pro rata share of the sum of any Early Residual Proceeds Amount

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

and/or Additional Proceeds Amount after, in the case of Collateral Security Condition 5.9(d) only, the use of such sums to pay any Early Redemption Costs and each Holder whose Entitlement is subject to rounding as referred to in Collateral Security Condition 5.4, will receive a pro rata share of Rounding Amount in accordance with Collateral Security Condition 5.4.

- (f) For the avoidance of doubt, any Swap Agreement Termination Payment payable upon the termination of the Swap Agreement in connection with the relevant Early Redemption Event will, where applicable, take into account the value of the Swap Counterparty's option (if any) to substitute Specified Obligations for the Specified Reference Collateral Assets as set out in Collateral Security Condition 3.10, including the credit risk of the relevant RCA Reference Entity.

### 5.10 Early Redemption in respect of SB/JGB Repackagings - Payment of Reference Price or Delivery of Specified Obligations

Where the applicable Final Terms specify that the relevant series of Secured Securities is a SB/JGB Repackaging and the method of early redemption is specified as being "Payment of Reference Price" or "Delivery of Specified Obligations":

- (a) For the purposes of the Collateral Security Conditions, the delivery of a Reference Collateral Credit Event Notice in respect of a Reference Collateral Credit Event shall be deemed to be an Early Redemption Event.
- (b) Following the delivery by the Calculation Agent of a Reference Collateral Credit Event Notice in respect of a Specified Reference Entity, the Issuer shall give notice to the Holders in accordance with Security Condition 10 of the redemption of the relevant series of Secured Securities (or part thereof where Collateral Security Condition 5.11 is applicable) to occur on the date specified in the notice, which shall, unless the applicable Final Terms provides otherwise, be the date falling 3 Business Days after the Calculation Date, and shall redeem the Securities (or part thereof where Collateral Security Condition 5.11 is applicable) on such date by:
  - (i) if "Payment of Reference Price" is specified in the applicable Final Terms, payment to each Holder of such Holder's pro rata share of an amount which is equal to the product of the Notional Amount outstanding of the Securities and the Reference Price (which shall be expressed as a percentage) less any amounts payable in respect of any Security Trustee's fees, costs and expenses and as adjusted for any termination payment due under any relevant Swap Agreement; or
  - (ii) if "Delivery of Specified Obligations" is specified in the applicable Final Terms, delivery of such Holder's pro rata share of Specified Obligations with a nominal amount outstanding equal to the Notional Amount outstanding of the Secured Securities (or, where Collateral Security Condition 5.11 is applicable, the lesser of the Notional Amount outstanding of the Secured Securities and the relevant Reference Partial Redemption Amount), remaining after the sale by the Issuer of Specified Obligations to finance payment of any Security Trustee's fees, costs and expenses and of any Swap Agreement Termination Payment due from the Issuer to the Swap Counterparty and after rounding down such entitlement to the largest amount of Specified Obligations which is transferable. In such circumstances, the Issuer will ensure that the Specified Obligations to be delivered pursuant to this Collateral

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Security Condition 5.10 are delivered in accordance with the physical settlement procedures set out in Collateral Security Condition 5.4 to the relevant Holder, provided that any reference therein to the Specified Reference Collateral Assets shall be deemed to be a reference to the relevant Specified Obligations.

- (c) Following the occurrence of an Early Redemption Event other than a Reference Collateral Credit Event in respect of the Specified Reference Entity, the Issuer may give notice to the Holders in accordance with Security Condition 10 of the redemption of the Securities to occur on the date specified in the notice, which shall be the date falling 30 Business Days after the Early Redemption Notice is delivered, and shall redeem the Securities on such date by procuring the delivery to each Holder of such Holder's Early Redemption Delivery Share.
- (d) For the avoidance of doubt, where delivery of securities is to be made to Holders in accordance with Collateral Security Condition 5.10(b)(ii) or (c), as set out in Collateral Security Condition 5.4, a Holder will also receive a pro rata share of the sum of any Early Residual Proceeds Amount and/or Additional Proceeds Amount after the use of such sums to pay any Early Redemption Costs and each Holder whose Entitlement is subject to rounding as set out in Collateral Security Condition 5.4, will receive a Rounding Amount in accordance with Collateral Security Condition 5.4.
- (e) For the avoidance of doubt, any Swap Agreement Termination Payment payable upon the termination of the Swap Agreement in connection with the relevant Early Redemption Event will, where applicable, take into account the value of the Swap Counterparty's option (if any) to substitute Specified Obligations for the Specified Reference Collateral Assets as set out in Collateral Security Condition 3.10, including the credit risk of the relevant RCA Reference Entity.

### 5.11 Partial redemption – Reference Collateral Credit Events

Where the applicable Final Terms specify that Reference Collateral Credit Events apply and where a Reference Collateral Credit Event Notice is served in respect of a Reference Credit Event which is a Restructuring and the Exercise Amount is for an amount less than the aggregate Notional Amount outstanding of the Securities, the Securities shall be partially redeemed ("**Reference Partial Redemption**") pro rata in an amount equal to the Exercise Amount ("**Reference Partial Redemption Amount**"). The Securities, in an amount equal to the aggregate Notional Amount outstanding of the Securities prior to any Partial Redemption less the Reference Partial Redemption Amount, shall remain outstanding and the words "Notional Amount of the Securities" should be construed accordingly where relevant. Interest (if applicable) shall continue to accrue on the Notional Amount outstanding of the Secured Securities following the reduction in such Notional Amount by the relevant Reference Partial Redemption Amount in accordance with Security Condition 32.

### 5.12 Early Redemption Amount following a RCA Early Call Event

Where a RCA Early Call Event occurs and:

- (a) Standard Early Redemption is specified to be applicable in respect of the relevant RCA Early Call Event in the applicable Final Terms, the Early Redemption Amount will be as set out in the definition of such term in Collateral Security Condition 1.1 or, where Standard Early Redemption Amount is not applicable, the definition of Secured Security Market Value, Secured Security Highest Value or Secured Security Monetisation Option as specified as applicable in the applicable Final Terms and interest shall cease to accrue in accordance with



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

the relevant provision of Collateral Security Condition 6.1 specified in the applicable Final Terms;

- (b) Par Early Redemption is specified to be applicable in respect of the relevant RCA Early Call Event in the applicable Final Terms, the Early Redemption Amount in respect of each Certificate will be equal to the Notional Amount of such Certificate and interest on such Secured Security shall cease to accrue with effect from and including; the Interest Payment Date immediately preceding the date of such Early Redemption Event (or, in the case of the first Interest Period, the Interest Commencement Date);
- (c) Accrual Par Early Redemption is specified to be applicable in respect of the relevant RCA Early Call Event in the applicable Final Terms, the Early Redemption Amount in respect of each Certificate will be equal to the Notional Amount of the Certificate plus accrued interest on the Certificate (where it bears interest) calculated in accordance with Security Condition 32 to, but excluding, the relevant Early Redemption Date; or
- (d) Makewhole Early Redemption is specified to be applicable in respect of the relevant RCA Early Call Event in the applicable Final Terms, the Early Redemption Amount in respect of each Certificate will be equal to a *pro rata* share per Security of an amount equal to the amount scheduled to be received by the Issuer in respect of the Specified Reference Collateral Assets which are the subject of the relevant RCA Early Call Event plus accrued interest on the Certificate (where it bears interest) calculated in accordance with Security Condition 32 to, but excluding, the relevant Early Redemption Date.

Where (i) a RCA Early Call Event occurs with respect to part only of the principal amount of the Specified Reference Collateral Assets, (ii) one of Par Early Redemption, Accrual Par Early Redemption or Makewhole Early Redemption is specified as applicable in the applicable Final Terms and (iii) RCA Early Call Event – Partial Redemption is specified as applicable in the applicable Final Terms, each Certificate will be partially redeemed on a *pro rata* basis, in a notional amount (an "**Early Call Notional Reduction Amount**") equal to the proportion of the then outstanding aggregate Notional Amount of the Securities that the principal amount of the Specified Reference Collateral Assets which is the subject of the RCA Early Call Event bears to the aggregate principal amount of all of the Specified Reference Collateral Assets for such Collateral Pool and an Early Redemption Amount will be calculated in respect of a Notional Amount of each Certificate equal to the Early Call Notional Reduction Amount only. Interest (if applicable) shall continue to accrue on the Notional Amount outstanding of each Certificate following the reduction in such Notional Amount by the relevant Early Call Notional Reduction Amount in accordance with Security Condition 32. For the avoidance of doubt, where a RCA Early Call Event occurs and RCA Early Call Event – Partial Redemption is applicable, the relevant proportion of the Reference Collateral Assets, redemption proceeds therefrom and/or proceeds of realisation thereof, as applicable, shall be automatically released from the security created under the Security Agreements to allow the redemption in part of the Certificates.

### 5.13 Redemption following a RCA Merger Event

If this Collateral Security Condition 5.13 is specified as applicable in the Final Terms and in the case that:

- (a) "**RCA Reference Entity/Holder Merger**" is specified as applicable, in the event that, in the determination of the Calculation Agent, a RCA Reference Entity/Holder Merger has occurred, the Issuer may determine that the Certificates should be redeemed;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (b) **"RCA Reference Entity/Issuer/Guarantor Merger"** is specified as applicable, in the event that, in the determination of the Calculation Agent, a RCA Reference Entity/Issuer/Guarantor Merger has occurred, the Issuer may either:
- (i) determine that the Certificates should be redeemed; or
  - (ii) replace the relevant affected RCA Reference Entity/ies (the **"Affected RCA Reference Entity/ies"**) respectively, with Similar RCA Reference Entity/ies and replace the Specified Reference Collateral Assets (the **"Affected RCA"**) with Similar Reference Collateral Assets.

The Calculation Agent shall notify the Issuer, which shall in its turn notify the Holders pursuant to the provisions of Security Condition 10 of the decision taken by the Issuer and any adjustments made to the terms of the Certificates. Where Collateral Security Condition 5.13(b)(ii) is applicable, the Issuer shall sell the Affected RCA and pay the proceeds of any sale of Affected RCA to the Swap Counterparty and the Issuer will receive from the Swap Counterparty an amount equal to the amount required to purchase the relevant Similar Reference Collateral Assets. Save where "Essential Trigger" is specified as applicable in the applicable Final Terms, if there is a difference in value between the Affected RCA and the relevant Similar Reference Collateral Assets, the Calculation Agent may make an adjustment to the interest payable on the Certificates and, if it is not possible to reflect such difference in value fully by adjusting the interest payable on the Certificates, the Calculation Agent may also adjust the Cash Settlement Amount payable in respect of each Certificate. Details of any adjustment or decision made in relation to the above may be obtained by the Holders upon request at the Calculation Agent's specified address.

Notwithstanding the foregoing, where "Essential Trigger" is specified as applicable and the Calculation Agent determines that the relevant RCA Merger Event constitutes a force majeure, the Issuer shall pay to each Holder in respect of each Secured Security, the Early Redemption Amount calculated in accordance with the definition of ERE/Force Majeure/No Unwind Costs.

### 5.14 Suspension of payments

Where "Suspension of Payments" is specified as applicable in the applicable Final Terms or is deemed to apply in accordance with this Collateral Security Condition 5.14, if the Calculation Agent determines that a Suspension Event has occurred, no payment of principal or interest shall be made by the Issuer in respect of the Certificates during the Suspension Period as set out in Collateral Security Condition 6.3 (in the case of interest) or Condition 5 (as modified by Collateral Security Condition 8). If, at any time during the Suspension Period, the Calculation Agent determines that an Early Redemption Event has occurred, then the provisions of Collateral Security Conditions 5.1 to 5.5 shall apply. In determining whether a payment failure has (or may have) occurred, the Calculation Agent may rely on evidence of non-receipt of funds. Where "Standard Early Redemption Event" is an applicable Early Redemption Event, "Suspension of Payments" and this Collateral Security Condition 5.14 shall be deemed to apply, unless specified otherwise in the applicable Final Terms.

### 5.15 Secured Security Monetisation Amounts

Where Secured Security Monetisation Option is applicable and the Issuer delivers an Early Redemption Notice, it will also deliver a Holder Election Notice. In the Holder Election Notice the Issuer must include the following:

- (a) the cut-off date and time for each Holder to elect to receive the fair market value on the date fixed for early redemption;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (b) the date of determination of the fair market value in respect of such election and the amount determined by the Calculation Agent as the fair market value of the Certificates on such date; and
- (c) the amount calculated by the Calculation Agent as the Secured Security Monetisation Amount.

If the Certificate is held outside DTC, Euroclear and Clearstream, Luxembourg, Euroclear France and/or any other relevant Clearing System, other than in the case of CREST Dematerialised Certificates, to make a valid election to receive the Secured Security Market Value on redemption of a Certificate the Holder of the Certificate must no later than the cut-off date and time set out in the Holder Election Notice give notice to the Principal Security Agent or the Registrar, as the case may be, of such election, accompanied by the Certificate or evidence satisfactory to the Principal Security Agent or Registrar, as the case may be, that the Certificate will, following delivery of notice, be held to its order or under its control in a manner reasonably satisfactory to the Principal Security Agent or Registrar, as the case may be. If the Certificates are CREST Dematerialised Certificates, to make a valid election to receive the Secured Security Market Value on early redemption of the Certificate, the Holder of the Certificate must no later than the cut-off time and date set out in the Holder Election Notice give notice to the Euroclear Registrar in accordance with the Uncertificated Securities Regulations. If the Certificate is held through DTC, Euroclear or Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System, to make a valid election to receive the Collateral Security Market Value on early redemption of the Certificate the Holder of the Certificate must no later than the cut-off date and time set out in the Holder Election Notice give notice to the relevant Security Agent in accordance with the standard procedures of DTC, Euroclear and Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System (which may include notice being given on such Holder's instruction by DTC, Euroclear or Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System or any common depository for them to the Security Agent by electronic means) in a form acceptable to DTC, Euroclear and Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System from time to time. In the case of Finnish Dematerialised Certificates, in order to make a valid election to receive the Secured Security Market Value on early redemption the Holder must no later than the cut-off time and date set out in the Holder Election Notice transfer or procure the transfer of the relevant Certificates to the account designed by the Finnish Security Agent and procure that such account is blocked for further transfer on or prior to the Early Redemption Date. Notice given by a Holder of any Certificate pursuant to this Collateral Security Condition 5.15 shall be irrevocable. In the case of CBF Certificates, the relevant Holder must also deliver to the Frankfurt Certificate Agent the CBF Certificates to which such notice relates and failure to deliver such CBF Certificates at or prior to the time such notice is delivered shall render such notice null and void.

If the Holder does not make a valid election to receive the fair market value on the date fixed for early redemption before the cut-off date and time set out in the Holder Election Notice, the Holder will receive the Secured Security Monetisation Amount in respect of such Certificate on the Redemption Date.

### 5.16 Swap Termination Without Redemption

Where Swap Termination Without Redemption is specified as applicable in the applicable Final Terms and where an Event of Default (as defined in the Swap Agreement) occurs under the Swap Agreement in circumstances where the Swap Counterparty is the Defaulting Party (as defined in the Swap Agreement), following notification of such Event of Default by the Issuer to the Security Trustee (a

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

"Swap Default") and no Event of Default has occurred under Collateral Security Condition 7.1, the Issuer shall deliver, in respect of the Swap Agreement (where such agreement is constituted by a 2002 Master Agreement published by the International Swaps and Derivatives Association, Inc. (the "**Master Agreement**") and schedule thereto and any confirmations thereunder), a notice under Section 6(a) of the Master Agreement designating an Early Termination Date (as defined in the Swap Agreement) provided that the Swap Agreement shall be deemed not to be a Related Agreement for the purposes of the Early Redemption Events (including the Related Agreement Termination Event) where a Swap Default occurs or, where Swap Agreement All Termination is specified as applicable in the applicable Final Terms, the Swap Agreement terminates for any reason other than on its scheduled termination date save where the termination of the Swap Agreement has resulted from an Event of Default thereunder where the Issuer is the Defaulting Party. In such circumstances, the Issuer (with the consent of the Security Trustee) may appoint an agent (a "**Termination Agent**") to assist it in terminating the Swap Agreement and making any calculations necessary in connection with such termination. A pro rata share of the amount, if any and subject to a minimum of zero, equal to the sum of (i) the Early Termination Amount (as defined in the Swap Agreement) received by the Issuer under the Swap Agreement (if any), (ii) any interest which has accrued on the amount received by the Issuer (which may be a positive or negative amount) and (iii) the Unused Charged Assets Proceeds less (ii) the costs and expenses of the Security Trustee and any costs and expenses of the Termination Agent incurred in connection with the termination of the Swap Agreement shall be paid by the Issuer to the Holders on a *pro rata* and *pari passu* basis on the Redemption Date, to the extent such amount is received on or prior to the Redemption Date. For the purposes of this Collateral Security Condition 5.16, "**Unused Charged Assets Proceeds**" means any amounts received by the Issuer from the Collateral Assets other than the Swap Agreement which have not been used on or prior to the Redemption Date to pay interest and/or Cash Settlement Amounts otherwise payable in respect of the Certificates, amounts due to the Swap Counterparty under the Swap Agreement (including in respect of any Early Termination Amount due to the Swap Counterparty) and/or any fees, costs or expenses due to the Security Trustee. Where the Swap Agreement terminates following the occurrence of a Swap Default, the Issuer may open an account into which it will pay any amounts received from the Collateral Assets provided that such account is secured in favour of the Security Trustee and the Issuer may enter into an Additional Security Document in connection therewith.

Where Swap Termination Without Redemption is specified as applicable in the applicable Final Terms, following a Swap Default the obligation of the Issuer to pay the originally scheduled Cash Settlement Amount and to pay scheduled interest amounts in respect of each Certificate shall cease but without prejudice to the Issuer's obligations to pay any amount due in accordance with the first paragraph of this Collateral Security Condition 5.16 and no Event of Default will occur in respect of such non-payment. Where Condition to Interest Payment is specified as applicable in the applicable Final Terms, the obligation of the Issuer to pay an Interest Amount will be subject to the receipt of an aggregate amount equal to the aggregate Interest Amounts payable in respect of each Certificate outstanding on or prior to the relevant Interest Payment Date from the Swap Counterparty under the Swap Agreement. Where Condition to Final Payment is specified as applicable in the applicable Final Terms, the obligation of the Issuer to pay the Cash Settlement Amount in respect of each Certificate will be subject to the receipt of an aggregate amount equal to the Cash Settlement Amount payable in respect of each Certificate outstanding on or prior to the Redemption Date from the Swap Counterparty under the Swap Agreement. In the event that the Swap Counterparty fails to pay an amount under the Swap Agreement or, where Swap Agreement All Termination is specified as applicable in the applicable Final Terms, the Swap Agreement terminates for any reason other than on its scheduled termination date save where the termination of the Swap Agreement has resulted from an Event of Default thereunder where the Issuer is the Defaulting Party, the Issuer will have no further obligation to pay interest in respect of the Certificates (where Condition to Interest Payment is applicable) or the Cash Settlement Amount in respect of the Certificate (where Condition to Final Payment is specified as applicable) but without

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

prejudice to the Issuer's obligations to pay any amount due in accordance with the first paragraph of this Collateral Security Condition 5.16 and no Event of Default will occur in respect of such non-payment.

### 5.17 Purchase of Secured Securities

Where the Issuer purchases Secured Securities in accordance with Security Condition 8.1 (the "**Purchased Securities**"), the Issuer shall dispose of a proportion of the Specified Reference Collateral Assets for the relevant series of Secured Securities equal to the proportion that the aggregate Notional Amount of Purchased Securities represent of the aggregate Notional Amount of the Secured Securities (a "**Collateral Disposal**") save where, due to the denominations of the Specified Reference Collateral Assets, such Collateral Disposal would result in the disposal of Specified Reference Collateral Assets with a nominal amount greater than the Calculated Disposal Reference Nominal Amount due to the nominal amount of the Specified Reference Collateral Assets which would be the subject of the relevant Collateral Disposal not being divisible by the denomination of the Specified Reference Collateral Assets then held by the Issuer (a "**Denomination Matching Failure Event**"). In such circumstances, the Issuer may dispose of the next largest nominal amount of Specified Reference Collateral Assets which is divisible by the denomination of the Specified Reference Collateral Assets then held by the Issuer and which is lower than the Calculated Disposal Reference Nominal Amount (the nominal amount of the Specified Reference Collateral Assets which is actually disposed of, being the "**Actual Disposal Reference Nominal Amount**"). In connection with such Denomination Matching Failure Event, the amount by which the Calculated Disposal Reference Nominal Amount exceeds the Actual Disposal Reference Nominal Amount shall be the "**Excess Collateral Amount**".

### 5.18 Subsequent Denomination Matching Failure Events

Following the occurrence of a Denomination Matching Failure Event, if a subsequent purchase by the Issuer of Secured Securities in accordance with Security Condition 8.1 would otherwise lead to a further Denomination Matching Failure Event (each a "**Subsequent Denomination Matching Failure Event**") and the Excess Collateral Balance which would result from such purchase of Secured Securities (without regard to this Collateral Security Condition 5.18 but, for the avoidance of doubt, taking into account, the Excess Collateral Balance immediately prior to the purchase of the Secured Securities) (the "**Deemed Excess Collateral Balance**") would be equal to or greater than the denomination of a Specified Reference Collateral Asset, then (i) the purchase price for such subsequent purchase of Secured Securities payable by the Issuer shall be deemed to be increased by the Excess Collateral Balance immediately prior to the purchase of the Secured Securities and (ii) the Issuer shall dispose of additional Specified Reference Collateral Assets ("**Additional ECB Specified Reference Collateral Assets**") in a nominal amount equal to or lower than the Deemed Excess Collateral Balance (to the extent that such nominal amount is divisible by the denomination of the Specified Reference Collateral Assets then held by the Issuer) and the amount by which such Deemed Excess Collateral Balance exceeds the nominal amount of the Additional ECB Specified Reference Collateral Assets shall be deemed to be the new Excess Collateral Balance.

### 5.19 Payment of Excess Collateral Balance

If there is a positive Excess Collateral Balance following the occurrence of an Early Redemption Event and the delivery of an Early Redemption Notice in connection therewith which leads to the redemption in full of the relevant Secured Securities or where the Security Interests are enforced following an Enforcement Event in accordance with Collateral Security Condition 7, an amount equal to the Excess Collateral Balance Value shall be payable by the Issuer to the Swap Counterparty under the Swap Agreement and shall be deemed to be an Early Redemption Cost for the purposes of these Collateral Security Conditions (in the case of an Early Redemption Event). Following enforcement of the Security

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Interests in accordance with Collateral Security Condition 7.2, such amount shall be paid by the Security Trustee to the Swap Counterparty prior to application of the Collateral Enforcement Proceeds in accordance with the applicable Priority of Payments or, where Physical Delivery of the Collateral is applicable, prior to delivery of the remaining Collateral Assets in accordance with the applicable Priority of Payments.

### 6. Interest

#### 6.1 Cessation of Interest Accrual

Upon the occurrence of an Early Redemption Event other than a CDS Credit Event or a RCA Early Call Event (save as set out in Collateral Security Condition 5.12), interest on such Secured Security shall cease to accrue with effect from and including:

- (a) either:
  - (i) the Interest Payment Date; or
  - (ii) if so specified in the Final Terms, the Interest Period End Date, immediately preceding the date of such Early Redemption Event (or, in the case of the first Interest Period, the Interest Commencement Date); or
- (b) if so specified in the Final Terms, the date of such Early Redemption Event; or
- (c) if so specified in the Final Terms, the Early Redemption Date.

#### 6.2 Credit Notional Value Repack Securities

Collateral Security Condition 6.1 shall not apply to Credit Notional Value Repack Securities where the relevant Early Redemption Event is a CDS Credit Event in which case Credit Security Condition 3 and the other relevant provisions of Annex 12 (Additional Terms and Conditions for Credit Securities) shall apply provided that where Credit Linked Interest Only is specified as applicable in the applicable Final Terms, Collateral Security Condition 6.1 and Credit Security Condition 3 shall both apply to the Secured Securities provided that where an Early Redemption Event occurs which leads to the redemption of the Secured Securities in full and an Event Determination Date (as defined in Annex 12 (Additional Terms and Conditions for Credit Securities)) occur in the same Interest Period, interest shall cease to accrue in accordance with Collateral Security Condition 6.1.

#### 6.3 Deferred Interest Payments/Suspension of Payments

Where Deferral of Payments, or Suspension of Payments, is specified as applicable in the applicable Final Terms or, in the case Suspension of Payments is deemed to apply, as set out in Collateral Security Condition 5.14, upon the occurrence, in the opinion of the Calculation Agent, of a Payment Deferment Event, interest on the Notional Amount outstanding of the Securities will be paid in accordance with Security Condition 32 on the relevant Deferred Interest Payment Date provided that no interest shall be payable on the Securities or any accrued interest thereon for the period from (and including) the relevant Interest Payment Date to such Deferred Interest Payment Date and, where Suspension of Payments is specified as applicable in the applicable Final Terms and a Suspension Event occurs if an Early Redemption Event occurs prior to the end of the relevant Suspension Period, each reference in Collateral Security Condition 6.1(a) or (b) to "Early Redemption Event" shall be read as a reference to such Suspension Event.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

### 6.4 Interest Accrual relating to RCA Makewhole Events

Where RCA Makewhole Event is an applicable Early Redemption Event, such Early Redemption Event occurs and the terms of relevant Specified Reference Collateral Assets contain a RCA Residual Maturity Call Option, if the RCA Issuer does not exercise its option to redeem the Specified Reference Collateral Assets at their principal amount together with a makewhole amount (howsoever described) on the RCA Residual Maturity Call Option Date, on the first day of the Interest Period immediately following the RCA Residual Maturity Call Option Date, where an Alternative Rate of Interest is specified in the applicable Final Terms, the Rate of Interest applicable to the Certificates will be adjusted to the Alternative Rate of Interest specified in the applicable Final Terms and such interest shall continue to accrue at the Alternative Rate of Interest to, but excluding, the Redemption Date in accordance with Security Condition 32, subject to the occurrence of an Early Redemption Event. For the avoidance of doubt, where RCA Makewhole Event is an applicable Early Redemption Event and no Alternative Rate of Interest is specified in the applicable Final Terms, there shall be no adjustment to the rate of interest following the RCA Residual Maturity Call Option Date where the RCA Issuer does not exercise its option to redeem the Specified Reference Collateral Assets at their principal amount together with a makewhole amount (howsoever described) on the RCA Residual Maturity Call Option Date.

## 7. Events of Default and Enforcement

### 7.1 Events of Default

The Security Trustee at its discretion may, and if so requested in writing by the Holders of at least one-fifth in number of the outstanding Secured Securities of the relevant series, or if so directed by an Extraordinary Resolution of such Holders, shall (subject in each case to being indemnified and/or secured and/or pre-funded to its satisfaction) deliver a notice (an "**Acceleration Notice**") to the Issuer, the Principal Security Agent, the Collateral Custodian, the Swap Counterparty (if any) and Repo Counterparty (if any) that each relevant series of Secured Securities secured by the Collateral Pool which is the subject of the Acceleration Notice shall forthwith become immediately due and payable at their Security Termination Amount (save where Physical Delivery of Collateral is applicable in which case the Entitlement in respect of each such Secured Security shall be delivered on the relevant Collateral Delivery Date as set out in Collateral Security Condition 7.5) without further action or formalities and the Security Interests granted under the Security Agreements shall become enforceable (as set out in the Security Agreements) if any of the following events occurs (each an "**Event of Default**"):

- (a) the Issuer fails to pay any amount payable in respect of the Secured Securities or any of them when due and payable or fails to deliver the Entitlement when due and such default is not remedied within 30 days after the relevant due date; or
- (b) the Issuer or the Guarantor fails to perform or observe any of its other obligations under the Secured Securities and such default is not remedied within 45 days after notice of such default has been given to the Principal Security Agent by any Holder or a Related Agreement terminates early where the where the Issuer is the Defaulting Party (as defined in the relevant Swap Agreement or Repurchase Agreement) or is the defaulting party (in the case of the Collateral Exchange Agreement) thereunder and the relevant event of default relates to the insolvency of the Issuer; or
- (c) BNPP applies for the appointment of an ad hoc representative (*mandataire ad hoc*) under French bankruptcy law, or enters into an amicable procedure (*procédure de conciliation*) with creditors or ceases its payments, or a judgment is issued for the judicial liquidation (*liquidation judiciaire*) of BNPP or for a transfer of the whole of its business (*cession totale de l'entreprise*); or

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (d) the Issuer is subject to proceedings similar to those set out in Collateral Security Condition 7.1(c), or, in the absence of legal proceedings, the Issuer or Guarantor makes a conveyance, assignment or other arrangement for the benefit of its creditors or enters into a composition with its creditors, or a resolution is passed by the Issuer or Guarantor for its winding-up or dissolution, except in connection with a merger or other reorganisation in which all of the Issuer's or the Guarantor's assets are transferred to, and all of the Issuer's or Guarantor's debts and liabilities (including the Secured Securities) are assumed by, another entity which continues the Issuer's or Guarantor's activities.

A copy of any such Acceleration Notice shall be promptly given to the Holders by the Security Trustee in accordance with Security Condition 10.

### 7.2 Enforcement

Upon the occurrence of an Enforcement Event in respect of the relevant series of Secured Securities and the relevant Collateral Pool, the Security Trustee may, and if so requested in writing by Holders of at least one-fifth in number of the outstanding Secured Securities of such series, or if so directed by an Extraordinary Resolution of such Holders (such request or direction an "**Enforcement Notice**"), shall (subject, in each case, to being indemnified and/or secured and/or pre-funded to its satisfaction) enforce the relevant Pledges in accordance with the Pledge Agreements and enforce the Security Interests granted under the Security Agreements and, unless Physical Delivery of Collateral is specified as applicable in the applicable Final Terms, realise the Collateral Assets in the relevant Collateral Pool (and may appoint one or more agents to assist it to do so). Where it is not possible for the Security Trustee to sell the relevant Collateral Assets in full in respect of a series of Secured Securities within a period of two years from the date on which it is instructed to realise the Collateral Assets, the Security Trustee shall have no obligation to take further action in connection with such Collateral Assets other than informing the relevant Holders in accordance with Security Condition 10 of the failure to sell the relevant Collateral Assets, unless and until the Security Trustee receives further written directions from the Holders of at least one-fifth in number of the outstanding Secured Securities of such series, or as so directed by an Extraordinary Resolution of such Holders, and subject, in each case, to the Security Trustee being indemnified and/or secured and/or pre-funded to its satisfaction. The Security Trustee shall have no liability for failure to take further action in respect of the Collateral Assets absent such instructions and indemnification. Where it is only possible for the Security Trustee to sell part of the relevant Collateral Assets in respect of a series of Secured Securities within a period of two years from the date on which it is instructed to realise the Collateral Assets, the Security Trustee shall apply the sale proceeds it has received in accordance with these Collateral Security Conditions (including Collateral Security Condition 5.19) and shall deal with any unsold Collateral Assets in accordance with the preceding sentences.

All calculations to be performed or determinations to be made following the occurrence of an Enforcement Event shall be performed or determined by the Collateral Calculation Agent and confirmed in writing to the Security Trustee. In connection with the enforcement of the Pledges, where Physical Delivery of Collateral is not applicable and after the realisation and liquidation in full of all the Collateral Assets in a Collateral Pool, the Collateral Calculation Agent shall determine the Security Termination Amount in respect of each Secured Security and shall notify such amount to the Security Trustee and the Security Trustee shall notify the Holders of the Security Termination Amount following such realisation and liquidation upon confirmation of these amounts by the Collateral Calculation Agent. Where the Secured Securities become due and payable at their Security Termination Amount in accordance with Collateral Security Condition 7.1, no amounts other than the relevant Security Termination Amount will be payable in respect of each Secured Security.



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

No Holder shall be entitled to have recourse to any other assets of the Issuer, the Collateral Assets contained in a Collateral Pool other than the Collateral Pool which relates to the Secured Securities it holds or to any Collateral Assets other than the Specified Reference Collateral Assets identified as such in the applicable Final Terms relating to the series of Secured Securities of which it is a Holder and any Credit Support Assets, Replacement Collateral Assets or other Charged Assets relating to such series of Secured Securities.

The Security Trustee (and any agent appointed by the Security Trustee) will, in the absence of its own gross negligence, fraud and wilful default, have no liability as to the consequence of any enforcement or realisation action and will have no regard to the effect of such action on individual Holders or the other Secured Parties.

### 7.3 Application and distribution of proceeds of enforcement

The Security Trustee shall apply all Collateral Enforcement Proceeds or the Collateral Assets (where Physical Delivery of Collateral is applicable) in accordance with the applicable Priority of Payments and, where applicable, in accordance with Collateral Security Condition 5.19. Following payment of all amounts which are payable in priority to Holders in accordance with, and in the order set out in, the applicable Priority of Payments (including, without limitation, amounts due to the Security Trustee and/or any agent appointed by it to assist in the enforcement of the Security Interests and realisation and/or delivery of the Collateral Assets, including any Enforcement Expenses) and, where applicable, in accordance with Collateral Security Condition 5.19,

- (a) where Physical Delivery of Collateral is not applicable, the Collateralised Percentage of the remaining proceeds from the realisation of the Specified Reference Collateral Assets in the Collateral Pool relating to the relevant series of Secured Securities and other Charged Assets relating to such series of Secured Securities will be applied in accordance with the applicable Priority of Payments in meeting the claims of Holders under the relevant series of Secured Securities which are secured by the relevant Collateral Pool on a pari passu basis within the relevant series of Secured Securities where each Secured Security's share of such proceeds shall be determined by the Collateral Calculation Agent and confirmed to the Security Trustee on the basis of such Secured Security's Collateral Proceeds Share; or
- (b) where Physical Delivery of Collateral is applicable, the remaining Specified Reference Collateral Assets will be applied in accordance with the applicable Priority of Payments in meeting the delivery claims of Holders under the relevant series of Secured Securities which are secured by the relevant Collateral Pool on a pari passu basis within the relevant series of Secured Securities where each Secured Security's share of such Specified Reference Collateral Assets shall be determined by the Collateral Calculation Agent on the basis of such Secured Security's Delivery Share, and the remaining proceeds from any sale of Collateral Assets and realisation of the other Charged Assets relating to the relevant series of Secured Securities (together, the "**Available Delivery Cash Proceeds**") will be applied in payment to each Holder of the Security Delivery Cash Amount and any Rounding Amount due to the relevant Holder.

### 7.4 Shortfall

In the event that,

- (a) following the application of the Collateral Enforcement Proceeds in accordance with Collateral Security Condition 7.3(a), the amount paid to a Holder in respect of a Secured Security held by him (a "**Cash Security Realised Amount**") is less than the Security Termination Amount determined by the Collateral Calculation Agent and confirmed to the Security Trustee with

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

respect to such Secured Security (the difference between the Cash Security Realised Amount paid and such Security Termination Amount being referred to as a "**Shortfall**"), the Issuer shall, without prejudice to Collateral Security Condition 11, remain liable for such Shortfall, but any such Holder shall not have recourse to any Collateral Pool other than the Collateral Pool applicable to that series of Secured Securities or to any Reference Collateral Assets other than the Specified Reference Collateral Assets identified as such in the applicable Final Terms relating to the series of Secured Securities of which it is a Holder and any Credit Support Assets or Replacement Collateral Assets relating to such series of Secured Securities; or

- (b) where Physical Delivery of Collateral is applicable following the delivery of the remaining Specified Reference Collateral Assets and payment of the Available Delivery Cash Proceeds in accordance with Collateral Security Condition 7.3(b), the amount paid or deemed to have been paid to a Holder in respect of a Secured Security held by him (a "**Physical Security Realised Amount**" and, together with the Cash Security Realised Amount, the "**Security Realised Amount**") is less than the sum of the Security Termination Amount and the Calculated Security Termination Amount determined by the Collateral Calculation Agent and confirmed to the Security Trustee with respect to such Secured Security (the difference between the Security Realised Amount and such amount so paid or deemed to be paid being referred to as a "**Shortfall**"), the Issuer shall, without prejudice to Collateral Security Condition 11, remain liable for such Shortfall, but any such Holder shall not have recourse to any Collateral Pool other than the Collateral Pool applicable to that series of Secured Securities or to any Reference Collateral Assets other than the Specified Reference Collateral Assets identified as such in the applicable Final Terms relating to the series of Secured Securities of which it is a Holder and any Credit Support Assets and/or Replacement Collateral Assets relating to such series of Secured Securities.

### 7.5 Physical Delivery of Collateral Assets

Where "Physical Delivery of Collateral" is specified in the applicable Final Terms, following enforcement of the Pledge(s), the Security Trustee, will arrange for delivery of the Specified Reference Collateral Assets in a Collateral Pool to each Holder of a Secured Security secured by the relevant Collateral Pool relating to the relevant series of Secured Securities in a nominal amount equal to the Delivery Share applicable to such Secured Security on a pari passu basis within the relevant series of Secured Securities and shall effect the sale of any Credit Support Assets. After the sale of any Credit Support Assets and/or Replacement Collateral Assets, the delivery of the relevant Delivery Shares in respect of the Secured Securities and payment of any Rounding Amount and Security Delivery Cash Amount will fully extinguish the Issuer's obligations in respect of the relevant Secured Securities notwithstanding that the value of the Collateral Assets (together with Rounding Amount and the Security Delivery Cash Amount) so delivered (or paid, as the case may be) may be less than the nominal value of the relevant Secured Security.

Prior to determining the Delivery Share in respect of each Secured Security, the Collateral Calculation Agent shall determine the cash amount which is equal to the sum of the Credit Support Sale Proceeds and the Additional Proceeds Amount and whether such cash sum is sufficient to satisfy any applicable Priority Amounts in full and shall confirm such figures to the Security Trustee. If such sum is not sufficient to satisfy the applicable Priority Amounts in full, the Collateral Calculation Agent shall then calculate the amount of Specified Reference Collateral Assets which are required to be sold in order to pay any Priority Amounts and any Additional RCA Disposal Amount after the application of such Credit Support Sale Proceeds and Additional Proceeds Amount to pay such Priority Amount and any Additional RCA Disposal Amount and shall confirm such amount to the Security Trustee and the Security Trustee

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

shall arrange for the sale of the relevant amount of Specified Reference Collateral Assets to meet any unsatisfied Priority Amounts and any Additional RCA Disposal Amount and any proceeds from such sale remaining after payment of such Priority Amounts and any Additional RCA Disposal Amount shall be the "**Residual Proceeds Amount**" and shall be paid in accordance with this Collateral Security Condition 7.5.

For the purposes of the Collateral Calculation Agent calculating the Security Termination Amount in respect of each Secured Security, where the Security Trustee has used any Credit Support Sale Proceeds and Additional Proceeds Amount prior to any sale of Specified Reference Collateral Assets, it shall be deemed to have first used such Additional Proceeds Amount to pay the relevant Priority Amounts (and such Additional Proceeds Amount shall be reduced accordingly by the amount of such payment) and then, to the extent necessary, the Credit Support Sale Proceeds shall be deemed to have been used to pay the outstanding relevant Priority Amounts (and such Credit Support Sale Proceeds shall be reduced accordingly by the amount of such payment). In connection with any such delivery in respect of Securities, such delivery shall be made in accordance with Security Conditions 30 and 35.2 and the Entitlement shall be deemed to be a Security's Delivery Share, as determined by the Collateral Calculation Agent and confirmed in writing to the Security Trustee. The Security Trustee shall be entitled to appoint one or more agent to assist it with the delivery of the Entitlement and sale of Collateral Assets required to be made in accordance with this Collateral Security Condition 7.5. The Security Trustee shall notify the Collateral Delivery Date in respect of a series of Secured Securities to the relevant Holders in accordance with Security Condition 10.

In connection with such delivery, (i) Security Conditions 5.3, 5.4 and 5.5 shall not apply, (ii) for the purposes of Security Condition 11.1, Security Expenses shall be deemed to include any Enforcement Expenses which are incurred in delivery of the Collateral Assets in accordance with this Collateral Security Condition 7.5, (iii) the Security Trustee shall be entitled to deduct from the assets deliverable to Holders all Security Expenses not previously deducted from amounts paid or assets delivered to Holders, as the Security Trustee shall in its sole and absolute discretion determine are attributable to the relevant Secured Securities and (iv) any reference in the Security Conditions to "Relevant Assets" shall be deemed, in connection with a delivery of Collateral Assets in accordance with this Collateral Security Condition 7.5, to be a reference to "Collateral Assets".

The final sentence of the first paragraph of Security Condition 35.2(c) shall not apply and the Collateral Assets which it is not possible to deliver to a Holder due to such rounding shall, if and to the extent practicable, be sold by the Security Trustee (or such other agent as may be appointed by the Security Trustee for such purpose) and a pro rata share of the resulting amount (the "**Rounding Amount**") shall be paid to each Holder whose Entitlement is subject to such rounding.

Where Physical Delivery of Collateral is applicable to a series of Secured Securities upon delivery of the relevant Specified Reference Collateral Assets and payment of the relevant Security Termination Amount, no further amount will be due to the Holders of such Secured Securities. In connection with the delivery of Specified Reference Collateral Assets for the relevant series of Secured Securities, the Collateral Calculation Agent shall determine the Security Termination Amount and the Calculated Security Termination Amount in respect of each Secured Security and shall notify such amounts to the Security Trustee who shall notify the Holders of such amounts following such delivery or, where applicable, payment of relevant amounts due in accordance with this Collateral Security Condition 7.

Where "Essential Trigger" is specified as applicable in the applicable Final Terms, Physical Delivery of Collateral will not apply.

### 7.6 Settlement Disruption

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

If, in the opinion of the Security Trustee (or such other agent as may be appointed by the Security Trustee for such purpose), delivery of the Entitlement following the occurrence of an Enforcement Event using the method of delivery specified in the applicable Final Terms, or such other commercially reasonable manner as the Security Trustee (or such agent) has determined, is not practicable by reason of a Collateral Settlement Disruption Event having occurred and continuing on any Collateral Delivery Date then such Collateral Delivery Date for such Secured Securities shall be postponed to the first following Business Day in respect of which there is no such Collateral Settlement Disruption Event, provided that the Security Trustee (or such agent) may elect in its sole discretion and without liability to any party to deliver the Entitlement in such other commercially reasonable manner as it may select and in such event the Collateral Delivery Date shall be such day as the Security Trustee (or such agent) deems appropriate in connection with delivery of the Entitlement in such other commercially reasonable manner. For the avoidance of doubt, where a Collateral Settlement Disruption Event affects some but not all of the Collateral Assets comprising the Entitlement, the Collateral Delivery Date for the Collateral Assets not affected by the Collateral Settlement Disruption Event will be the originally designated Collateral Delivery Date.

If delivery of the relevant Entitlement is not possible due to the occurrence of a Collateral Settlement Disruption Event, for a period of greater than the Collateral Settlement Disruption Period, then in lieu of physical settlement and notwithstanding any other provision hereof, the Security Trustee (or such agent on its behalf) shall sell or realise the Undeliverable Collateral Assets, provided that the provisions of Collateral Security Condition 7.2 shall apply in the event that it is not possible for the Security Trustee to sell the relevant Undeliverable Collateral Assets within a period of two years. The Security Trustee shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 that a Collateral Settlement Disruption Event has occurred. No Holder shall be entitled to any payment in respect of the relevant Secured Security in the event of any delay in the delivery of the Entitlement due to the occurrence of a Collateral Settlement Disruption Event and no liability in respect thereof shall attach to the Issuer, the Guarantor or the Security Trustee (or any agent on its behalf).

### 7.7 Enforcement by Holders

No Holder shall be entitled to enforce the Security Interests or to proceed directly against the Issuer to enforce the other provisions of the Security Agreements unless the Security Trustee, having become bound so to enforce or to proceed, fails so to do within a reasonable time and such failure is continuing or the Security Trustee is prevented from doing so by any court order.

### 7.8 Redemption

Where Physical Delivery of Collateral is not applicable to a series of Secured Securities, following payment in full by the Issuer and/or the Guarantor of the Shortfall (if any) in respect of a Secured Security and/or payment to the Holder of a Secured Security of an amount in aggregate equal to the Security Termination Amount the relevant Secured Security shall be deemed to have been redeemed. Where Physical Delivery of Collateral is applicable to a series of Secured Securities, following delivery to the Holder of a Secured Security of Collateral Assets in an amount equal to the relevant Delivery Share by the Security Trustee (or its agent)(together with any Rounding Amount payable) and, where applicable, payment in full by the Issuer and/or the Guarantor of the Shortfall (if any) in respect of such Secured Security, the relevant Secured Security shall be deemed to have been redeemed.

### 7.9 Collateral Calculation Agent Replacement

Following the occurrence of an Enforcement Event, if either: (i) the Collateral Calculation Agent fails to make the applicable calculations and determinations specified in these Collateral Security Conditions or

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

fails to notify the Security Trustee of the results of such calculations and determinations within 15 Business Days of a request from the Security Trustee (or any agent acting on its behalf) to make such calculations and determinations or (ii) the Collateral Calculation Agent has notified to the Security Trustee that it is unable to perform the calculations or other duties required of it by these Collateral Security Conditions, the Security Trustee may and shall, if instructed to do so in accordance with Collateral Security Condition 7.2 and indemnified and/or secured and/or pre-funded to its satisfaction terminate the appointment of the Collateral Calculation Agent and appoint one or more successor Collateral Calculation Agent.

### 7.10 Disposal Agent

Upon the occurrence of an Enforcement Event, the Security Trustee may and shall, if instructed to do so in accordance with Collateral Security Condition 7.2 and indemnified and/or secured and/or pre-funded to its satisfaction, appoint and instruct a disposal agent to effect a liquidation and realisation of the relevant Collateral Assets, (where Physical Delivery of Collateral is specified as applicable) to effect delivery of the Specified Reference Collateral Assets to each Holder of a Secured Security, to sell or realise any Undeliverable Collateral Assets or to undertake any other action contemplated as being performed by the Security Trustee in these Collateral Security Conditions.

## 8. Redemption

Security Conditions 34.1-34.8 (inclusive) will not apply.

### 8.1 General

Unless the Certificates are Exercisable Certificates, subject as provided in these Terms and Conditions, provided no Enforcement Event or Early Redemption Event has occurred, each Certificate (other than a Credit Notional Value Repack Security) will be redeemed by the Issuer:

- (a) in the case of a Cash Settled Certificate, by payment of the Cash Settlement Amount; or
- (b) in the case of a Physical Delivery Certificate, subject as provided in Security Conditions 5 and 35, by delivery of the Entitlement,

such redemption to occur in either case, subject as provided below, on the date falling on the fifth Business Day following the Valuation Date, unless specified otherwise in the applicable Final Terms (the "**Redemption Date**") provided that if Deferral of Payments or Suspension of Payments is specified as applicable in the applicable Final Terms, upon the occurrence of a Payment Deferment Event, each Security shall be finally redeemed on the Final Deferred Payment Date by payment of the Cash Settlement Amount or, in the case of a Physical Delivery Certificate, subject as provided in Security Conditions 5 and 35, by delivery of the Entitlement if no Early Redemption Event results from such Payment Deferment Event or, where as a consequence of the failure of the relevant RCA Reference Entity (whose default gave rise to the Payment Deferment Event) to cure the relevant Payment Deferment Event within the grace period applicable thereto (where Deferral of Payments is applicable), or an Early Redemption Event occurs within the Suspension Period (where Suspension of Payments is applicable), the Issuer delivers an Early Redemption Notice in respect of the relevant RCA Reference Entity, each Certificate shall be redeemed in accordance with Collateral Security Condition 5 and no interest shall accrue in respect of the period from the scheduled Redemption Date to the date on which the Certificates are finally redeemed. If (i) the date for payment of any amount in respect of the Certificates is not a Business Day, the holder thereof shall not be entitled to payment until the next following Business Day and shall not be entitled to any further payment in respect of such delay or (ii) the date for delivery of any Entitlement in respect of the Certificates is not a Settlement Business Day (as defined in Security

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Condition 5.1), the Holder thereof shall not be entitled to delivery of the Entitlement until the next following Settlement Business Day.

The Certificates may also be subject to automatic early redemption upon the occurrence of an Automatic Early Redemption Event, as defined in and in accordance with the provisions of Security Condition 34.9 if specified in the applicable Final Terms.

### 8.2 Credit Notional Value Repack Securities

Subject as provided in these Terms and Conditions and as specified in the applicable Final Terms and provided no Enforcement Event or Early Redemption Event has occurred, each Credit Notional Value Repack Security will be redeemed by the Issuer by payment of the Cash Settlement Amount such redemption to occur on the Redemption Date specified in the applicable Final Terms subject as provided in Annex 12 (Additional Terms and Conditions for Credit Securities). If the date for payment of any amount in respect of the Certificates is not a Business Day, the holder thereof shall not be entitled to payment until the next following Business Day and shall not be entitled to any payment in respect of such delay.

### 8.3 Issuer Call Option

If Issuer Call Option is specified in the applicable Final Terms and a Call Event occurs, the Issuer shall, provided that no Early Redemption Event and no Enforcement Event has occurred and having given not less than the minimum notice period nor more than the maximum notice period (if any) specified in the applicable Final Terms (the "**Notice Period**") notice to the Holders in accordance with Security Condition 10 (which notice shall be irrevocable and shall specify the date fixed for redemption), redeem all of the Certificates then outstanding at the Optional Redemption Amount on the Optional Redemption Date specified in the applicable Final Terms together, if appropriate, with interest accrued to (but excluding) the relevant Optional Redemption Date.

The "**Optional Redemption Amount**", in respect of each Certificate, shall be an amount calculated by the Calculation Agent equal to the Notional Amount multiplied by the percentage specified in the applicable Final Terms. Following the redemption in full of each Certificate at its Optional Redemption Amount on the Optional Redemption Date, for the avoidance of doubt, no further interest amounts will be payable in respect of the Certificates.

### 8.4 Redemption in Instalments

If the applicable Final Terms specify that the Certificates are Instalment Certificates, each Certificate will be redeemed in the Instalment Amounts and on the Instalment Dates specified in the applicable Final Terms.

### 8.5 Redemption of Partly Paid Certificates

Partly Paid Certificates will be redeemed in accordance with the provisions set out in the applicable Final Terms.

### 8.6 Exercise of Certificates

If the Certificates are Cash Settled Certificates and Exercise of Certificates is specified as applicable in the applicable Final Terms, provided no Enforcement Event or Early Redemption has occurred, the Certificates (such Certificates "**Exercisable Certificates**") will be automatically exercised on the Exercise Date, or, if Multiple Exercise is specified as applicable in the applicable Final Terms, each Exercise Date subject as provided in the following paragraph and, in the case of Credit Certificates, to

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

the provisions of Annex 12 (Additional Terms and Conditions for Credit Securities). Upon automatic exercise, each Certificate entitles its Holder to receive from the Issuer the Cash Settlement Amount on the Redemption Date or, if Multiple Exercise is specified as applicable in the applicable Final Terms, the relevant Exercise Settlement Date.

### 8.7 Open End Certificates

If "Open End" is specified as applicable in the relevant Final Terms, the Redemption Date of such Open End Certificates will, notwithstanding any provision to the contrary, be the date falling (5) five Business Days after the relevant Averaging Date, Observation Date, Strike Date or, as applicable, Valuation Date determined by the Issuer in its sole discretion, provided that the relevant Averaging Date, Observation Date, Strike Date or Valuation Date so-determined by the Issuer is notified to the Holders at the latest ten (10) Business Days prior to the contemplated date in accordance with Security Condition 10.

If a Certificate is an Open End Certificate, "Knock-in Event" and "Knock-out Event" may not be specified as applicable in the relevant Final Terms in respect of such Certificate.

### 8.8 Physical Delivery Certificates

Where the Secured Securities are also specified to be Physical Delivery Securities in the applicable Final Terms:

- (a) Security Conditions 30 and 35.2 shall apply provided that the definition of Entitlement in Security Condition 28 shall be deleted and replaced with the following:

**"Entitlement"** means in relation to a Physical Delivery Certificate, the quantity of the Relevant Asset or the Relevant Assets, as the case may be, which a Holder is entitled to receive on the Redemption Date in respect of each such Certificate following payment of any sums payable (including Expenses as defined in Condition 11 rounded down as provided in Condition 35.2(c) as determined by the Calculation Agent including any documents evidencing such Entitlement which amount will be a *pro rata share* of the Relevant Assets applicable to such Security (unless specified in the applicable Final Terms) or (in the case of a Credit Notional Value Certificate) the relevant obligations and/or other assets as specified in the Credit Security Conditions);"; and

- (b) Security Condition 5.1 shall be deemed deleted and replaced with the following:

#### "5.1 Physical Settlement Disruption

If, in the opinion of the Calculation Agent, delivery of the Entitlement using the method of delivery specified in the applicable Final Terms or such commercially reasonable manner as the Calculation Agent has determined is not practicable by reason of a Settlement Disruption Event (as defined below) having occurred and continuing on any Delivery Date, then such Delivery Date, for such Securities shall be postponed to the first following Settlement Business Day in respect of which there is no such Settlement Disruption Event, provided that the Issuer may elect to satisfy its obligations in respect of the relevant Security by delivering the Entitlement using such other commercially reasonable manner as it may select and in such event the Settlement Date shall be such day as the Issuer deems appropriate in connection with delivery of the Entitlement in such other commercially reasonable manner. For the avoidance of doubt, where a Settlement Disruption Event affects some but not all of the Relevant Assets comprising the Entitlement, the Delivery Date, as the case may be,

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

for the Relevant Assets not affected by the Settlement Disruption Event will be the originally designated Delivery Date.

For so long as delivery of the Entitlement is not practicable by reason of a Settlement Disruption Event, then in lieu of physical settlement and notwithstanding any other provision hereof, the Issuer may elect to satisfy its obligations in respect of the relevant Securities by payment to the Holders of an amount equal to the Disruption Cash Settlement Price (as defined below), to be apportioned pro rata amongst the relevant Holders on the tenth Business Day following the Issuer's receipt of the proceeds received from the sale of any Undelivered Reference Collateral Assets and the Issuer shall also give notice of such election to the Holders in accordance with Condition 10. Payment of the Disruption Cash Settlement Price will be made in such manner as shall be notified to the Holders in accordance with Condition 10. The Calculation Agent shall give notice as soon as practicable to the Holders in accordance with Condition 10 that a Settlement Disruption Event has occurred. No Holder shall be entitled to any payment in respect of the relevant Security in the event of any delay in the delivery of the Entitlement due to the occurrence of a Settlement Disruption Event and no liability in respect thereof shall attach to the Issuer or the Guarantor (if any).

For the purposes hereof:

**"Disruption Cash Settlement Price"** means the sale proceeds realised by the sale of any Undelivered Reference Collateral Assets where such sale shall take place in accordance with Collateral Security Condition 5.3 (as if, regardless of whether Collateral Physical Settlement is specified as being applicable in the applicable Final Terms, an Early Redemption Event had occurred);

**"Settlement Business Day"** has the meaning specified in the applicable Final Terms; and

**"Settlement Disruption Event"** means, the Issuer or the Calculation Agent determines, acting in good faith and in a commercially reasonable manner, that it is illegal, impossible or impracticable for the Issuer or any of its Affiliates to make delivery of the Relevant Asset(s) in whole or in part and/or due to an event beyond the control of the Issuer, the Issuer or any of its Affiliates, cannot make delivery of the Relevant Asset(s) using the method specified in the applicable Final Terms."

### 9. Payments

Security Condition 35.1 shall not apply. Except in the case of CREST Dematerialised Certificates, Registered Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Certificates, Finnish Dematerialised Certificates, Norwegian Dematerialised Certificates and Polish Dematerialised Certificates and subject as provided below, the Issuer shall pay or cause to be paid the Cash Settlement Amount or the relevant amount (if any) payable under the Credit Security Conditions (or in the case of Instalment Certificates, each Instalment Amount) or Security Realised Amount and an amount equal to the Shortfall (if any) for each Certificate by credit or transfer to the Holder's account with the relevant Clearing System or the Definitive Security Agent, as the case may be (in the case of English Law Certificates other than CREST Dematerialised Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Certificates, Finnish Dematerialised Certificates, Norwegian Dematerialised Certificates and Polish Dematerialised Certificates and Certificates held through Euroclear France ("**Euroclear France Certificates**") or with the relevant Account Holder (in the case of Euroclear France Certificates))



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

for value on the Redemption Date (or (a) in the case of Instalment Certificates, on the relevant Instalment Date; or (b) if Multiple Exercise is specified as applicable in the applicable Final Terms, on the relevant Exercise Settlement Date) less any Expenses, such payment to be made in accordance with the rules of such Clearing System or the Definitive Security Agent, as the case may be or Account Holder. Payment of any Shortfall by the Guarantor shall be made in the same manner as the Security Realised Amount is paid by, or on behalf of, the Issuer.

Except in the case of CREST Dematerialised Certificates, Registered Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Certificates, Finnish Dematerialised Certificates, Norwegian Dematerialised Certificates and Polish Dematerialised Certificates where the Certificates pay interest, subject as provided below, the Issuer shall pay or cause to be paid the Interest Amount for each Certificate in respect of each Interest Payment Date by credit or transfer to the Holder's account with the relevant Clearing System or in the case of Private Placement Definitive Certificates, the office of the Definitive Security Agent, as the case may be, for value on the relevant Interest Payment Date, such payment to be made in accordance with the rules of such Clearing System or the Definitive Security Agent, as the case may be.

Except in the case of CREST Dematerialised Certificates, Registered Certificates, Swedish Dematerialised Certificates, Danish Dematerialised Certificates, Finnish Dematerialised Certificates, Norwegian Dematerialised Certificates and Polish Dematerialised Certificates, the Issuer or the Guarantor will be discharged by payment to, or to the order of, the relevant Clearing System or the Definitive Security Agent, as the case may be, or, as the case may be, the relevant Account Holder, in respect of the amount so paid. Each of the persons shown in the records of the relevant Clearing System or the Definitive Security Agent, as the case may be, or whose name appears in the account of the relevant Account Holder (in the case of Euroclear France Certificates) as the holder of a particular amount of the Certificates must look solely to the relevant Clearing System or the Definitive Security Agent, as the case may be, or, as the case may be, the relevant Account Holder for his share of each such payment so made to, or to the order of, such Clearing System or the Definitive Security Agent, as the case may be or Account Holder.

In the case of OET Certificates, the Issuer shall confirm to the Principal Security Agent and to the relevant Account Holders (in the case of OET Certificates held through Euroclear France) or Euroclear and Clearstream, Luxembourg (in the case of OET Certificates held through Euroclear or Clearstream, Luxembourg), the Cash Settlement Amount to be paid in respect of each OET Certificate.

In the case of Private Placement Definitive Certificates only, if a Holder has given wire transfer instructions to the Issuer and Definitive Security Agent, the Issuer will make all payments in accordance with those instructions.

In the case of CREST Dematerialised Certificates and subject as provided below, the Euroclear Registrar shall pay or cause to be paid the Cash Settlement Amount (if any), the relevant amount (if any) payable under the Credit Security Conditions, Instalment Amount (if any), Security Realised Amount, Shortfall, and the Interest Amount (if any) in respect of CREST Dematerialised Certificates to the relevant Holder's cash account (as shown in the records of the Operator), such payment to be made in accordance with the rules of the Operator. Payments in respect of CREST Dematerialised Certificates will be discharged by payment (as shown in the records of the Operator) to the cash account of the relevant Holder.

In the case of Registered Certificates, the Issuer shall pay or cause to be paid the Cash Settlement Amount or the relevant amount (if any) payable under the Credit Security Conditions (or in the case of Instalment Amount, each Instalment Amount) or Security Realised Amount and an amount equal to the Shortfall (if any) in respect of each Registered Certificate (whether or not in global form) against presentation and

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

surrender (or, in the case of part payment of any sum due, endorsement) of the Registered Certificate at the specified office of the Registrar or any of the Security Agents by transfer to the Designated Account (as defined below) of the holder (or the first named of joint holders) of the Registered Certificate appearing in the Register (i) where in global form, at the close of the business day (being for this purpose a day on which Euroclear, Clearstream, Luxembourg and/or any other relevant Clearing System are open for business) before the relevant due date, and (ii) where in definitive form, at the close of business on the third business day (being for this purpose a day on which banks are open for business in the city where the specified office of the Registrar is located) before the relevant due date (the "**Record Date**"). Notwithstanding the previous sentence, if (i) a holder does not have a Designated Account or (ii) the amount of the Certificates held by a holder is less than U.S.\$250,000 (or integral multiples of U.S.\$1,000 in excess thereof) (or its approximate equivalent in any other Settlement Currency), payment will instead be made by a cheque in the Settlement Currency drawn on a Designated Bank (as defined below). For these purposes, "**Designated Account**" means the account maintained by a holder with a Designated Bank and identified as such in the Register and "**Designated Bank**" means (in the case of payment in a Settlement Currency other than euro) a bank in the principal financial centre of the country of such Settlement Currency and (in the case of a payment in euro) any bank which processes payments in euro. Payment of any Shortfall by the Guarantor shall be made in the same manner as the Security Realised Amount is paid by, or on behalf of, the Issuer.

In the case of Registered Certificates and where the Certificates pay interest, the Issuer shall pay or cause to be paid the Interest Amount (other than the final Interest Amount) in respect of each Registered Certificate (whether or not in global form) by a cheque in the Settlement Currency drawn on a Designated Bank and mailed by uninsured mail on the business day in the city where the specified office of the Registrar is located immediately preceding the relevant due date to the holder (or the first named of joint holders) of the Registered Certificate appearing in the Register (i) where in global form, at the close of the business day (being for this purpose a day on which Euroclear, Clearstream, Luxembourg and/or any other relevant Clearing System are open for business) before the relevant due date, and (ii) where in definitive form, at the close of business on the fifteenth day (whether or not such fifteenth day is a business day) before the Record Date at his address shown in the Register on the Record Date and at his risk. Upon application of the holder to the specified office of the Registrar not less than three business days in the city where the specified office of the Registrar is located before the due date for any payment of interest in respect of a Registered Certificate, the payment may be made by transfer on the due date in the manner provided in the preceding paragraph. Any such application for transfer shall be deemed to relate to all future payments of interest (other than interest due on redemption) in respect of the Registered Certificates which become payable to the holder who has made the initial application until such time as the Registrar is notified in writing to the contrary by such holder. Payment of the Interest Amount due in respect of each Registered Certificate on redemption will be made in the same manner as payment of the Cash Settlement Amount of such Registered Certificate.

Holders of Registered Certificates will not be entitled to any interest or other payment for any delay in receiving any amount due in respect of any Registered Certificate as a result of a cheque posted in accordance with this Condition arriving after the due date for payment or being lost in the post. No commissions or expenses shall be charged to such holders by the Registrar/relevant Security Agent in respect of any payments of principal or interest in respect of the Registered Certificates.

None of the Issuer, the Guarantor, the Security Trustee or any of the Security Agents will have any responsibility or liability for any aspect of the records relating to, or payments made on account of, beneficial ownership interests in the Registered Global Certificates or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

A record of each payment made on such Registered Global Certificate, distinguishing between any payment of the Cash Settlement Amount and any Interest Amount, will be made on such Registered Global Certificate by the Registrar to which such Registered Global Certificate is presented for the purpose of making such payment, and such record shall be prima facie evidence that the payment in question has been made.

The holder of the relevant Registered Global Certificate shall be the only person entitled to receive payments in respect of Registered Certificates represented by such Registered Global Certificate and the payment obligations of the Issuer or the Guarantor will be discharged by payment to, or to the order of, the holder of such Registered Global Certificate in respect of each amount so paid. Each of the persons shown in the records of Euroclear and/or Clearstream, Luxembourg and/or any other relevant Clearing System, as the case may be, as the holder of a particular amount of Certificates must look solely to Euroclear and/or Clearstream, Luxembourg and/or any other relevant Clearing System, as the case may be, for his share of each payment so made by the Issuer to, or to the order of, the holder of the relevant Registered Global Certificate. No person other than the holder of the relevant Registered Global Certificate shall have any claim against the Issuer or the Guarantor in respect of any payments due on that Registered Global Certificate.

In the case of Swedish Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant redemption amount (if any) payable under the Credit Security Conditions, Security Realised Amount, Shortfall and Interest Amount (if any) will be made to persons registered as Holders in the register maintained by Euroclear Sweden, in the case of Swedish Dematerialised Certificates issued in nominal amounts, on the fifth Business Day, or in the case of Swedish Dematerialised Certificates issued in units, the fourth Business Day immediately prior to the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment Date, as the case may be (the "**Payment Date**") or the date on which the Enforcement Event or Early Redemption Event occurred (the "**Swedish Record Date**"). The Swedish Security Agent will pay the relevant amount through Euroclear Sweden to each Holder appearing in the Euroclear Sweden Register on the Swedish Record Date on the Payment Date or on the relevant date on which the Security Realised Amount is paid in accordance with these Collateral Security Conditions.

In the case of Finnish Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant amount (if any) payable under the Credit Security Conditions, Security Realised Amount, Shortfall and Interest Amount (if any) will be made to persons registered as Holders in the register maintained by Euroclear Finland, in the case of Finnish Dematerialised Certificates, on the Business Day the "**Finnish Record Date**") preceding the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment Date, as the case may be (the "**Finnish Payment Date**"). The Finnish Security Agent will pay the relevant amount to each Holder appearing in the Euroclear Finland Register on the Finnish Record Date, in the case of Finnish Dematerialised Certificates, on the Finnish Payment Date (being the first Business Day following the Finnish Record Date), or on the occurrence of an Enforcement Event or Early Redemption Event, in accordance with the rules and regulations of Euroclear Finland. In the event of late payment not due to an event or circumstance mentioned below in this paragraph, penalty interest will be payable on the overdue amount from the due date for payment thereof up to and including the date on which payment is made at an interest rate corresponding to, in the case of Helsinki Business Day, EURIBOR (or any other interbank offered rate applicable in Helsinki) increased by one percentage point. Interest will not be capitalized. Where the Issuer, the Guarantor, if any, or any Security Agent, due to any legal enactment (domestic or foreign), the intervention of a public authority (domestic or foreign), an act of war, strike, blockade, boycott, lockout or any other similar event or circumstance, is prevented from effecting payment, such payment may be postponed until the time the event or circumstance impeding

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

payment has ceased, with no obligation to pay penalty interest. The provisions in this paragraph shall apply to the extent that nothing to the contrary follows from applicable provisions specified in the applicable Final Terms, or from the provisions of Regulation (EU) No 909/2014, the Finnish Act on the Book-Entry System and Clearing (Fin. *laki arvo-osuusjärjestelmästä ja selvitystoiminnasta* (348/2017)) and the Finnish Act on Book-Entry Accounts (Fin. *laki arvo-osuustileistä* (827/1991)) or the rules and regulations of Euroclear Finland.

In the case of Danish Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant amount (if any) payable under the Credit Security Conditions Security Realised Amount, Shortfall and Interest Amount (if any) will be made to persons registered as Holders in the register maintained by VP Denmark, in the case of Danish Dematerialised Certificates issued in nominal amounts, on the fifth Business Day, or in the case of Danish Dematerialised Certificates issued in units, the fourth Business Day immediately prior to the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment, as the case may be (the "**Danish Payment Date**") or the date on which the Enforcement Event or Early Redemption Event occurred (the "**Danish Record Date**"). The Danish Security Agent will pay the relevant amount through VP Denmark to each Holder appearing in the VP Denmark Register on the Danish Record Date on the Danish Payment Date or on the relevant date on which the Security Realised Amount is paid in accordance with these Collateral Security Conditions.

In the case of Norwegian Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant amount (if any) payable under the Credit Security Conditions, Security Realised Amount, Shortfall and Interest Amount (if any) will be made to the persons registered as Holders in the register maintained by VPS Norway, in the case of Norwegian Dematerialised Certificates issued in nominal amounts, on the second Business Day, or in the case of Norwegian Dematerialised Certificates issued in units, the second Business Day, immediately prior to the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment Date, as the case may be (the "**Payment Date**") or the date on which the Enforcement Event occurred (the "**Norwegian Record Date**"). The Norwegian Security Agent will pay the relevant amount through VPS Norway to each Holder appearing in the VPS Norway Register on the Norwegian Record Date on the Payment Date or on the relevant date on which the Security Realised Amount is paid in accordance with these Collateral Security Conditions.

In the case of Polish Dematerialised Certificates, payment of the Cash Settlement Amount (if any) (or in the case of Instalment Certificates, each Instalment Amount) or the relevant amount (if any) payable under the Credit Security Conditions, Security Realised Amount, Shortfall and Interest Amount (if any) will be made by the Issuer to an account with KDPW Poland, in the case of Polish Dematerialised Certificates issued in nominal amounts, on the first Business Day, or in the case of Polish Dematerialised Certificates issued in units, the first Business Day, immediately prior to the Redemption Date (or in the case of Instalment Certificates, Instalment Date) or Interest Payment Date, as the case may be (the "**Payment Date**") or the date on which the Enforcement Event occurred. On the Payment Date, KDPW Poland will pay the relevant amount received from the Issuer to the account of the Polish Security Agent or other members of the KDPW Poland System where Polish Dematerialised Certificates are registered. The Polish Security Agent or other members of the KDPW Poland System referred to above will thereafter make the relevant payments to the relevant accounts Holders of the Polish Dematerialised Certificates.

If the determination of any amount in respect of interest or premium amount due in respect of the Certificates on an Interest Payment Date or Premium Amount Payment Date (such date a "**Scheduled Payment Date**") is calculated by reference to the valuation of one or more Underlying Reference(s) and

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

the date (or final date, as the case may be) for such valuation is postponed or delayed as provided in the Terms and Conditions to a date (such date the "**Delayed Date**") falling less than two Business Days preceding such Scheduled Payment Date, notwithstanding any provision to the contrary in the Terms and Conditions such Interest Payment Date or Premium Amount Payment Date, as the case may be, shall be postponed to the day falling two Business Days following such Delayed Date and no interest, premium or other amount shall be payable on the Certificates in respect of such delay.

Payments will be subject in all cases to any fiscal or other laws and regulations applicable thereto in the place of payment or other laws and regulations to which the relevant Issuer, the Guarantor (if applicable), the relevant Security Agent and the Registrar (in the case of Registered Securities) are subject.

### 10. **Removal, Indemnification and Liability of the Security Trustee**

The Security Trust Deed contains provisions for the appointment, retirement and removal of the Security Trustee. The Issuer shall as soon as practicable after the appointment of a new trustee notify the Holders of such appointment in accordance with Security Condition 10.

The Security Trust Deed contains provisions for the indemnification of the Security Trustee and for its relief from responsibility including for the exercise of any voting rights in respect of the Collateral Assets or for the value, validity, sufficiency and enforceability (which the Security Trustee has not investigated) of the security created over the Collateral Assets. The Security Trustee is not obliged to take any action under the Security Trust Deed, the Securities, these Collateral Security Conditions or otherwise unless indemnified and/or secured and/or pre-funded to its satisfaction. The Security Trustee will not be liable to any party for any act or omission in connection with its role under or for the purposes of the Security Trust Deed or these Collateral Security Conditions in the absence of its own gross negligence, wilful default or fraud. The Security Trustee and any affiliate is entitled to enter into business transactions with the Issuer, the Guarantor, any issuer or guarantor (where applicable) of any of the Collateral Assets, any party other than the Issuer under a Related Agreement (including, without limitation, the Swap Counterparty), or any of their subsidiary, holding or associated companies without accounting to the Holders for profit resulting therefrom.

The Security Trustee is exempted from liability with respect to any loss or theft or reduction in value (as appropriate) of the Collateral Assets from any obligation to insure or to procure the insuring of the Collateral Assets (or any documents evidencing, constituting or representing the same or transferring any rights or obligations thereunder) and from any claim arising from the fact that the Collateral Assets are held in an account with a clearing agent in accordance with that relevant clearing agent's rules or otherwise held in safe custody by the Collateral Custodian or any custodian whether or not selected by the Security Trustee (in each case, if applicable). The Security Trustee is not responsible for supervising the performance by (i) the Issuer of its own obligations and (ii) any other person of their obligations to the Issuer.

For the purposes of this Collateral Security Condition 10, each of the Issuer and the Guarantor expressly accepts and confirms, for the purposes of articles 1278 and 1281 of the Luxembourg civil code, that notwithstanding any assignment, transfer and/or novation permitted under and made in accordance with the provisions of the Security Trust Deed or any agreement referred to therein to which the Issuer and the Guarantor are party, any security created or guarantee given under the Security Trust Deed shall be reserved for the benefit of the new trustee (for itself and for the benefit of each other Secured Party).

### 11. **Residual Shortfall**

Without prejudice to the rights of a Holder under the Guarantee, if the net proceeds of the enforcement of the Security Interests created pursuant to the Security Trust Deed, the Pledge Agreement and/or any

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Additional Security Document or Alternative Security Document in respect of the Charged Assets following payment of all prior ranking amounts (the "**Net Proceeds**") are not sufficient to make all payments due in respect of such Securities, then:

- (i) save where Security Value Termination Amount is the applicable Security Termination Amount, the obligations of the Issuer in respect of such Securities will be limited to such Net Proceeds and neither the Security Trustee nor any Secured Party nor anyone acting on behalf of any Secured Party shall have any claim in respect of any asset of the Issuer not forming part of the Charged Assets and
- (ii) save where Security Value Termination Amount is the applicable Security Termination Amount, the Issuer will not be obliged to make any further payment in excess of the Net Proceeds and any Holder's right to receive any further sums in respect of any Residual Shortfall shall be extinguished in full, and neither the Security Trustee nor any Secured Party nor anyone acting on behalf of any Secured Party shall be entitled to take any further steps against the Issuer or the Security Trustee to recover any such Residual Shortfall.

No Holder or other Secured Party nor any party to the Security Trust Deed shall be entitled to petition or take any other step for the winding-up of the Issuer (including, without limitation, the opening of any bankruptcy, insolvency, voluntary or judicial liquidation, composition with creditors, fraudulent conveyance, general settlement with creditors or reorganisation proceedings or similar proceedings affecting the rights of creditors generally) or appoint an examiner in respect of the Issuer (including, without limitation, the appointment of any receiver (except any receiver appointed by the Security Trustee pursuant to the Security Trust Deed) or liquidator). Failure by the Issuer to make any payment in respect of any Residual Shortfall shall in no circumstances constitute an Event of Default under Collateral Security Condition 7.

In this Condition, "**Residual Shortfall**" means the difference, if any, between the Net Proceeds and the aggregate amount which would have been due under the Securities but for the operation of this Collateral Security Condition 11.

Where the Security Termination Amount specified in the applicable Final Terms is Security Value Termination Amount, the Issuer shall remain liable for any shortfall calculated in accordance with Collateral Security Condition 7.4 and this Collateral Security Condition 11 shall not apply to reduce the amount payable by the Issuer.

### 12. Further Issues

Security Condition 12 shall be deleted and the following substituted therefor:

#### "12. FURTHER ISSUES

The Issuer shall be at liberty from time to time without the consent of Holders to create and issue further Securities having terms and conditions the same as the Securities or terms and conditions which are the same in all respects save for the Issue Date and the Issue Price, the amount and date of the first interest payment thereon (if any), amount of Reference Collateral Assets (if any) and/or the date from which interest (if any) starts to accrue, such further Securities being consolidated and forming a single series with the outstanding Securities, provided that, in the case of U.S. Securities, if (i) such further Securities are treated as debt for U.S. federal income tax purposes, (ii) either the original Securities or such further Securities are issued in compliance with Rule 144A and (iii) such further Securities are not (1) issued pursuant to a "qualified reopening" of the original series, (2) treated as part of the same "issue" of debt instruments as the original series or (3) issued with no more than a de minimis amount of original

## **ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES**

discount, in each case for U.S. federal income tax purposes, such further Securities will have a separate ISIN or other identifier. Any such further securities shall only form a single issue with the Securities, (unless otherwise approved by an Extraordinary Resolution) if the Issuer provides additional assets as security for such further securities which are fungible with, and have the same proportionate composition as, those forming part of the Charged Assets for the Securities and in the same proportion that the aggregate notional amount of such new securities bears to the aggregate Notional Amount of the existing outstanding Securities and/or the Issuer enters into, or has the benefit of, additional or supplemental or amended Swap Agreements and Collateral Exchange Agreements extending the terms of any existing Swap Agreements and Collateral Exchange Agreements (if any) to the new securities on terms no less favourable than such existing documents and agreements and, subject to the terms of the Security Trust Deed, the Issuer may make modifications to the terms and conditions of the Securities, to the terms of the Swap Agreement, Collateral Exchange Agreement and the Pledge Agreement without the consent of the Holders and/or the Security Trustee to reflect the issue of any further issues of securities expressed to be consolidated and form a single series with the original issue of Securities of the relevant Series in accordance with this Condition 12. Notwithstanding the foregoing, no amendment to the Terms and Conditions made by the Issuer in accordance with this Condition 12 which imposes additional obligations or duties on the Definitive Security Agent or the New York Security Agent shall take effect unless the affected Definitive Security Agent or New York Security Agent, as the case may be, has provided its prior written consent to the imposition of such additional obligations or duties."

### **13. Recognition of Bail-in and Loss Absorption**

Security Conditions 37.1 to 37.8 (inclusive) shall not apply to the Certificates, provided that Security Conditions 37.1 to 37.8 (inclusive) shall apply to the Guarantee applicable to Secured Securities.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

### Part D

This Part D shall only apply to French Law Securities if the Final Terms of the Securities specify that Part D of Annex 13 (Additional Terms and Conditions for Secured Securities) applies. Where this Part D applies, for the avoidance of doubt, the terms of Part A of Annex 13, Part B of Annex 13 and Part C of Annex 13 shall not apply to the Securities. Where this Part D of Annex 13 applies, certain definitions and provisions set out in Annex 12 (Additional Terms and Conditions for Credit Securities) will, where specified, also apply and such definitions and provisions shall be deemed to be incorporated into this Part D of Annex 13 as if set out in full, subject to any modifications made in this Part D of Annex 13.

#### 1. Definitions and Interpretation

##### 1.1 Definitions

**"Acceleration Notice"** has the meaning given to it in Collateral Security Condition 7.1;

**"Additional Posting Date"** means, in respect of a reduction of the BNPP Holding, (a) the Placed Secured Securities Increase Date or such other date or dates specified in the applicable Final Terms (the **"Scheduled Additional Posting Date"**) or (b) if Additional Settlement Grace Period is specified as applicable in the applicable Final Terms, the date falling not later than the number of Business Days equal to the Additional Reference Collateral Assets Grace Period following such Scheduled Additional Posting Date;

**"Additional Proceeds Amount"** means the aggregate of (a) the sum of any Swap Agreement Termination Payment, Repurchase Agreement Termination Payment and Collateral Exchange Agreement Termination Payment (where applicable) payable to the Issuer and (b) the sum of any other amounts realised from the enforcement of the Security Interests in respect of the Charged Assets relating to the relevant series of Secured Securities other than the Specified Reference Collateral Assets and the Related Agreements relating to the relevant series of Secured Securities;

**"Additional RCA Disposal Amount"** means, as determined by the Collateral Calculation Agent, an amount equal to the market value of a nominal amount of Specified Reference Collateral Assets equal to the Excess Collateral Balance on the date the Collateral Calculation Agent calculates the amount of Specified Reference Collateral Assets which are required to be sold in order to pay any Priority Amounts (if any);

**"Additional Reference Collateral Assets Grace Period"** means (a) where Settlement Grace Period is also specified as applicable in the applicable Final Terms, the number of Business Days specified as the Reference Collateral Assets Grace Period unless an Additional Reference Collateral Assets Grace Period is also specified in the applicable Final Terms in which case such period shall be the number of Business Days specified as the Additional Reference Collateral Assets Grace Period in the applicable Final Terms or (b) where Settlement Grace Period is not specified as applicable in the applicable Final Terms but Additional Settlement Grace Period is specified as applicable in the applicable Final Terms, the number of Business Days specified as the Additional Reference Collateral Assets Grace Period in the applicable Final Terms;

**"Additional Security Document"** means any security document which is entered into by the Issuer in respect of a Collateral Pool in addition to a Pledge Agreement and the French Collateral Security Agency and Pledge Agreement;



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Adjusted Asset Redemption Event"** means any of the Specified Reference Collateral Assets is, for any reason, redeemed or otherwise terminated prior to its scheduled redemption or termination date (as at the later of its issue date or the Trade Date) other than:

- (a) where RCA Maturity Call is specified as applicable in the applicable Final Terms, where any of the Specified Reference Collateral Assets are redeemed in whole or in part on or after the RCA Call Date (each date of such redemption, a **"RCA Maturity Call Option Date"**) for an amount at least equal to the principal amount of the Specified Reference Collateral Assets which is being redeemed plus accrued interest thereon (each, a **"RCA Maturity Call Option Event"**); or
- (b) where RCA Maturity Call is not specified as applicable in the applicable Final Terms, where the Specified Reference Collateral Assets are redeemed on the RCA Call Date as a result of the RCA Issuer validly exercising its RCA Call;

**"Aggregate Delivery Share"** means, in respect of a series of Secured Securities, (a) the Collateral Assets Value in respect of such series of Secured Securities less (b) the Delivery Reduction Amount applicable to such series of Secured Securities as determined by the Collateral Calculation Agent and confirmed in writing to the French Collateral Security Agent;

**"Aggregate Early Redemption Delivery Share"** means, in respect of a series of Secured Securities, (a) the Collateral Assets Value in respect of such series of Secured Securities less (b) the Early Redemption Delivery Reduction Amount applicable to such series of Secured Securities;

**"Aggregate Final Security Value"** means, in respect of a series of Securities, the aggregate of the Final Security Values of each Secured Security in such series of Secured Securities;

**"Alternative Early Redemption Amount"** means a pro rata share of an amount, subject to a minimum of zero, equal to (a) the Collateral Sale Proceeds less (b) the RCA Interest Deduction Amount;

**"Alternative Security Document"** means any security document which is entered into by the Issuer in respect of a Collateral Pool as an alternative to a Pledge Agreement;

**"Annex Early Redemption Event"** means where:

- (a) an Annex to the Security Conditions is applicable in addition to this Annex 13, and/or in accordance with Security Condition 15, the Calculation Agent notifies the Issuer that an event has occurred in respect of which the Calculation Agent in good faith and in a commercially reasonable manner determines it is not possible to make an adjustment in respect of such event and that the Certificates should be redeemed early as contemplated in either (i) such Annex or (ii) Security Condition 15, as the case may be;
- (b) Annex Early Redemption Event – External Event is specified as applicable in the applicable Final Terms, the Issuer elects to redeem the Certificates in accordance with Security Condition 7.1 or 7.2; and/or
- (c) Collateral Security Condition 5.13 is applicable, the Issuer determines that the Certificates are to be redeemed following a RCA Merger Event;

**"Asset Default Event"** means a RCA Issuer or any RCA Guarantor fails to perform or observe any of its obligations under the relevant Specified Reference Collateral Assets and the failure continues after the expiration of any applicable grace period or the occurrence of any event (including, but not limited to, default, event of default, or other similar condition or event (howsoever described)) that results in

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Specified Reference Collateral Assets becoming capable of being declared due and payable for any reason (including by reason of default in payment) before they would otherwise have been due and payable;

**"Asset Payment Default Event"** means there is a payment default (howsoever described) in respect of any of the relevant Specified Reference Collateral Assets relating to the relevant series of Secured Securities;

**"Asset Payment Shortfall Event"** means one or more of the following occurs:

- (a) there is a payment default (howsoever described) in respect of any of the Specified Reference Collateral Assets;
- (b) the aggregate amount received by the Issuer in respect of the Specified Reference Collateral Assets on any Scheduled RCA Interest Payment Date (net of any Tax Liability) is less than the aggregate RCA Interest Amount scheduled to be received by the Issuer on such Scheduled RCA Interest Payment Date;
- (c) the aggregate amount received by the Issuer in respect of the Specified Reference Collateral Assets on a Scheduled Final Bond Payment Date (net of any Tax Liability) or any other date on which repayment of principal is scheduled to be made (a **"Further RCA Principal Payment Date"**) is less than the aggregate Scheduled Final Bond Payments or other amount of principal scheduled to be received by the Issuer on such Scheduled Final Bond Payment Date or Further RCA Principal Payment Date, as the case may be;
- (d) any deferral, postponement, capitalisation or reduction (in part or in full) of one or more interest payments under the relevant Specified Reference Collateral Assets and/or reduction of the applicable RCA Interest Rate set out in the terms of the relevant Specified Reference Collateral Assets as of the Trade Date (after taking account of any adjustments for non-business days) (an **"Unscheduled Interest Deferral Event"**), regardless of whether or not such Unscheduled Interest Deferral Event is permitted by the terms of such Specified Reference Collateral Assets and whether or not such Unscheduled Interest Deferral Event leads to an event of default under the terms of the Specified Reference Collateral Assets and no regard shall be had as to whether any such interest payment is (a) deferred or postponed for potential later payment or (b) is reduced (in part or in full) with no possibility for later payment; or
- (e) any deferral, postponement or reduction (in part or in full) of the scheduled repayment of principal under the relevant Specified Reference Collateral Assets as set out in the terms of the relevant Specified Reference Collateral Assets as of the Trade Date (after taking account of any adjustments for non-business days) (an **"Unscheduled Principal Deferral Event"**), regardless of whether or not such Unscheduled Principal Deferral Event is permitted by the terms of such Specified Reference Collateral Assets or whether or not such Unscheduled Principal Deferral Event leads to an event of default under the terms of the Specified Reference Collateral Assets and no regard shall be had as to whether any such payment is (a) deferred or postponed for potential later payment or (b) is reduced (in part or in full) with no possibility for later payment.

For the purposes only of determining whether any of the events in paragraphs (b) and (c) above has occurred, any Specified Reference Collateral Assets which have been transferred to the Collateral Exchange Counterparty under the Collateral Exchange Agreement (if any) and/or to the Swap Counterparty under a Credit Support Document in connection with the Secured Securities shall be deemed to be held still by the Issuer for the purposes of determining any scheduled amounts or payments due in respect thereof and any reference to the "aggregate

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

amount received by the Issuer" shall be deemed to include the amounts received by the Collateral Exchange Counterparty in respect of any Specified Reference Collateral Assets which have been transferred by the Issuer in connection with the Secured Securities to the Collateral Exchange Counterparty under the Collateral Exchange Agreement and/or the amounts received by Swap Counterparty in respect of any Specified Reference Collateral Assets which have been transferred by the Issuer in connection with the Secured Securities under a Credit Support Document;

**"Asset Redemption Event"** means any of the Specified Reference Collateral Assets is, for any reason, redeemed or otherwise terminated prior to its scheduled redemption or termination date as at the later of its issue date or the Trade Date;

**"Available Delivery Cash Proceeds"** has the meaning given to it in Collateral Security Condition 7.3(b);

**"Available Specified Reference Collateral Assets"** means (a) where the Issuer has not entered into a Collateral Exchange Agreement or a Credit Support Document, the Specified Reference Collateral Assets or (b) where the Issuer has entered into a Collateral Exchange Agreement and/or a Credit Support Document, a nominal amount of Specified Reference Collateral Assets equal to the sum of (i) the nominal amount of any Specified Reference Collateral Assets which have not been transferred to a relevant Related Agreement Counterparty (as at the time the relevant Related Agreement is terminated) and (ii) the nominal amount of Equivalent Securities in respect of the Specified Reference Collateral Assets (if any) which the Issuer receives from a relevant Related Agreement Counterparty upon or in connection with the termination of an applicable Related Agreement in accordance with the terms of such Related Agreement;

**"BNPP Holding"** means, at any time, in respect of a series of Secured Securities, the number of Secured Securities held by the Issuer and/or any Affiliate(s) of the Issuer;

**"Calculated Disposal Reference Nominal Amount"** means, in connection with a purchase of Secured Securities by the Issuer in accordance with Security Condition 8.1, the nominal amount of the proportion of the Specified Reference Collateral Assets equal to the proportion that the aggregate Notional Amount of Purchased Securities represents of the aggregate Notional Amount of the Secured Securities;

**"Calculated Security Termination Amount"** means, in respect of a Secured Security to which Physical Delivery of Collateral applies, an amount equal to the marked to market value, as of the Collateral Delivery Date, of the Specified Reference Collateral Assets in a nominal amount equal to such Secured Security's Delivery Share and the Issuer shall be deemed, for the purposes of Collateral Security Condition 4, to have paid such amount in full when the Delivery Share in respect of a Security is delivered to the relevant Holder;

**"Calculation Date"** means the date falling 30 Business Days (or such other period as may be specified in the applicable Final Terms) after the service of a Reference Collateral Credit Event Notice or Early Redemption Notice, as applicable, upon the Issuer by the Calculation Agent;

**"Call Event"** means the notification by the Swap Counterparty to the Issuer that the Swap Counterparty has elected to exercise its option to terminate the Swap Agreement on the Optional Redemption Date immediately following the relevant Call Exercise Date.

**"Call Exercise Date"** means the date falling the number of days prior to the Optional Redemption Date specified in the applicable Final Terms provided that if such day is not a Business Day, it shall be the first Business Day prior to such day, or if no Call Exercise Date is specified in the applicable Final Terms,

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

the date falling 15 calendar days prior to an Optional Redemption Date, provided that if such day is not a Business Day, it shall be the first Business Day prior to such fifteenth calendar day.

**"CDS Credit Event"** means, where Annex 12 (Additional Terms and Conditions for Credit Securities) applies to the Securities, an Event Determination Date (as defined in Annex 12) occurs as determined in accordance with Annex 12 in respect of a relevant Reference Entity (as defined in Annex 12);

**"Charged Agreement"** means, in respect of a series of Secured Securities, each Related Agreement entered into by the Issuer in connection with such series of Secured Securities and the Agency Agreement to the extent of the Issuer's rights against the Collateral Custodian and Principal Security Agent in respect of such series of Secured Securities under the Agency Agreement;

**"Charged Assets"** means, in respect of any series of Secured Securities, (i) the relevant Collateral Assets held by the Issuer in the Collateral Account in respect of such series and (ii) the Issuer's rights under each Charged Agreement relating to such series, including any rights under a Related Agreement to receive delivery of assets;

**"Charged Assets Proceeds"** means an amount, subject to a minimum of zero, equal to the Collateral Sale Proceeds plus the sum of (i) any Swap Agreement Termination Payment received by the Issuer from the Swap Counterparty, (ii), where applicable, any Repurchase Agreement Termination Payment received by the Issuer from the Repo Counterparty and (iii) where applicable, any Collateral Exchange Agreement Termination Payment received by the Issuer from the Collateral Exchange Counterparty;

**"Collateral Account"** has the meaning given to it in Collateral Security Condition 3.2;

**"Collateral Assets"** means, in respect of any series of Secured Securities, the applicable Specified Reference Collateral Assets, and any securities delivered to the Collateral Custodian as Replacement Collateral Assets or Credit Support Assets, together with, in each case, any accrued interest, redemption proceeds, income or other assets derived from such securities to the extent held in the relevant Collateral Account but shall not include any Collateral Assets, Equivalent Securities to Credit Support Assets which have been withdrawn from a Collateral Account in accordance with the relevant Related Agreement(s), the relevant Credit Support Document(s), the relevant Security Agreement and the Agency Agreement and/or any accrued interest, redemption proceeds, income or other assets derived from such securities to the extent such amounts are used by the Issuer to pay regular scheduled payments due under a Related Agreement;

**"Collateral Assets Value"** means, in respect of a series of Secured Securities, an amount equal to the aggregate nominal amount of Specified Reference Collateral Assets held by the Issuer in the relevant Collateral Account in respect of such series of Secured Securities;

**"Collateral Calculation Agent"** means the Calculation Agent in respect of the relevant Secured Securities or such other entity specified in the applicable Final Terms and any successor(s) thereto appointed in accordance with Collateral Security Condition 7.9;

**"Collateral Custodian"** means BNP Paribas Securities Services, Luxembourg Branch (or, from and including the Merger Date, BNP Paribas, Succursale de Luxembourg) and/or such other entity as is specified in the applicable Final Terms, and, if applicable, any sub-custodian of, or any other entity appointed by the Collateral Custodian;

**"Collateral Delivery Date"** means, in respect of a Collateral Pool, the date which the French Collateral Security Agent notifies to Holders that is intended by the French Collateral Security Agent to be the date

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

on which it will deliver the Collateral Assets in such Collateral Pool to Holders in accordance with Collateral Security Condition 7.5;

**"Collateral Disposal Agent"** has the meaning given to it in Collateral Security Condition 5.2;

**"Collateral Enforcement Proceeds"** means, in respect of a series of Secured Securities, the product of (i) the proceeds of realisation of, or enforcement with respect to, the Charged Assets in a Collateral Pool relating to such series of Secured Securities and (ii) the Collateralised Percentage;

**"Collateral Exchange Agreement"** means an agreement between the Issuer and the Collateral Exchange Counterparty under which the Issuer may be required to transfer the relevant Specified Reference Collateral Assets to the Collateral Exchange Counterparty and in return receive Replacement Collateral Assets from the Collateral Exchange Counterparty as described in Collateral Security Condition 3.8;

**"Collateral Exchange Agreement Termination Payment"** means the termination payment due between the Issuer and the Collateral Exchange Counterparty upon early termination of the Collateral Exchange Agreement calculated in accordance with the terms of the relevant Collateral Exchange Agreement;

**"Collateral Exchange Counterparty"** means the entity specified as such in the applicable Final Terms;

**"Collateralisation Increase Percentage"** means a percentage equal to the percentage by which the aggregate Notional Amount of the Placed Secured Securities has increased on a Placed Secured Securities Increase Date;

**"Collateralisation Level"** means the percentage specified as such in the applicable Final Terms or if no such percentage is specified, 100 per cent.;

**"Collateralisation Reduction Percentage"** means a percentage equal to the percentage by which the aggregate Notional Amount of the Placed Secured Securities has decreased on a Placed Secured Securities Decrease Date;

**"Collateralised Percentage"** means, subject to a minimum of zero, the Collateralisation Level less the Excess Collateral Percentage;

**"Collateral Physical Settlement"** means, following the occurrence of an Early Redemption Event, the relevant Specified Reference Collateral Assets are to be delivered to the Holders of Secured Securities in accordance with Collateral Security Condition 5.4 and shall only apply to a series of Secured Securities where "Collateral Physical Settlement" is specified as applicable in the applicable Final Terms or in certain circumstances as set out in Collateral Security Condition 5.9 or Collateral Security Condition 5.10 (where applicable);

**"Collateral Pool"** means a pool of Collateral Assets held in a Collateral Account which secure one or more series of Secured Securities as specified in the applicable Final Terms;

**"Collateral Proceeds Share"** means, in respect of a series of Secured Securities, the pro rata share of a Secured Security within such series in the Collateral Enforcement Proceeds applicable to such series of Secured Securities as determined by the Collateral Calculation Agent and confirmed in writing to the French Collateral Security Agent;

**"Collateral Sale Proceeds"** means the product of (i) the net proceeds of the sale of the relevant Collateral Assets relating to the relevant series of Secured Securities in a Collateral Pool (including, where applicable, in accordance with the terms of Collateral Security Condition 5.3, the net proceeds of sale of

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

any Credit Support Assets and/or Replacement Collateral Assets relating to such series of Secured Securities) and/or, where the relevant Collateral Assets have redeemed prior to any sale or where otherwise applicable (including, where no sale of Collateral Assets is to take place pursuant to Collateral Security Condition 5.2), the redemption proceeds received from any such Collateral Assets which are not required to be paid by the Issuer to the Swap Counterparty or other applicable Related Agreement Counterparty, in each case in accordance with the relevant Related Agreement and (ii) the Collateralised Percentage;

**"Collateral Settlement Disruption Event"** means any event beyond the control of the French Collateral Security Agent (or any disposal agent appointed by the French Collateral Security Agent), as a result of which it is impossible or illegal for the French Collateral Security Agent or its agent to deliver some or all of the relevant Entitlement to a Holder on the related Collateral Delivery Date due to failure of the relevant clearance system or due to any law, regulation, court order or market conditions;

**"Collateral Settlement Disruption Period"** means eight Business Days or such other period specified in the applicable Final Terms;

**"Collateral Trigger Percentage"** means the percentage specified as such in the applicable Final Terms;

**"Collateral Valuation Date"** means the Initial Collateral Valuation Date and each subsequent date within the Collateral Valuation Period in which the Issuer or the Collateral Disposal Agent attempts to obtain firm bid quotations from dealers (including BNP Paribas) following the occurrence of an Early Redemption Event;

**"Collateral Valuation Period"** means a period of two months following the delivery of an Early Redemption Notice by, or on behalf of, the Issuer;

**"Credit Auction Settlement Amount"** means in relation to any Reference Entity (as defined in Annex 12), an amount in the Settlement Currency as determined by the Calculation Agent as follows:

$\text{Max}, (0, (A \times 100\% - B))$

where:

**"A"** means the Reference Entity Notional Amount (as defined in Annex 12);

**"B"** means the Auction Final Price (as defined in Annex 12);

**"Credit Cash Settlement Amount"** means in relation to any Reference Entity (as defined in Annex 12), an amount in the Settlement Currency as determined by the Calculation Agent as follows:

$\text{Max}, (0, (A \times 100\% - B))$

where:

**"A"** means the Reference Entity Notional Amount (as defined in Annex 12);

**"B"** means the Final Price (as defined in Annex 12);

**"Credit Notional Value Repack Securities"** means Secured Securities to which this Part D of Annex 13 applies and to which Annex 12 (Additional Terms and Conditions for Credit Securities) is also specified to apply in the applicable Final Terms;

**"Credit Partial Redemption"** has the meaning given to it in Collateral Security Condition 5.6;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Credit Partial Redemption Amount"** has the meaning given to it in Collateral Security Condition 5.6;

**"Credit Settlement Amount"** means (a) where Auction Settlement is specified as applicable in the applicable Final Terms, the Credit Auction Settlement Amount or (b) where Cash Settlement is specified as applicable in the applicable Final Terms or is the Fallback Settlement Method (as defined in Annex 12) specified in the Final Terms and a Fallback Settlement Event (as defined in Annex 12) occurs, the Credit Cash Settlement Amount;

**"Credit Support Assets"** means the assets which are transferred to the Issuer as collateral under a Credit Support Document or as margin securities under a Repurchase Agreement or as collateral under a Collateral Exchange Agreement;

**"Credit Support Document"** means a 1995 ISDA credit support annex (Bilateral Form – Transfer) (ISDA Agreements Subject to English Law) or such other document which is specified as such in the applicable Final Terms;

**"Credit Support Sale Proceeds"** means the net proceeds of the sale of the relevant Credit Support Assets relating to the relevant series of Secured Securities, and/or, where applicable the redemption proceeds received from any such Credit Support Assets; and, where such term is used in or in connection with Collateral Security Condition 5.4 or Collateral Security Condition 7.5 and a Collateral Exchange Agreement has been entered into in connection with the series of Secured Securities, shall also include the net proceeds of the sale of the relevant Replacement Collateral Assets relating to the relevant series of Secured Securities, and/or, where applicable, the redemption proceeds received from any such Replacement Collateral Assets and the term "Residual Credit Support Sale Proceeds" shall be construed accordingly;

**"DC Credit Event Announcement"** means, with respect to a Reference Collateral Reference Entity, a public announcement by the DC Secretary that the relevant Credit Derivatives Determinations Committee has Resolved that an event that constitutes a Credit Event has occurred on or after the Credit Event Backstop Date and on or prior to the Extension Date;

**"Default Requirement"** means the amount as may be specified as such in the Final Terms or, if a Transaction Type is specified, the amount specified as such in the Physical Settlement Matrix or its equivalent in the relevant Obligation Currency (or, if no such amount is specified, U.S.\$ 10,000,000 or its equivalent in the relevant Obligation Currency), in either case, as of the occurrence of the relevant Early Redemption Event;

**"Deferred Interest Payment Date"** means:

- (a) where Deferral of Payments is specified as applicable in the Final Terms:
  - (i) subject to (iii) below, upon the occurrence of a Payment Deferment Event which is a Potential Failure to Pay, the date after the relevant scheduled Interest Payment Date which is the earlier of:
    - (A) the fifth Business Day after the day on which the Calculation Agent becomes aware that the Potential Failure to Pay has ceased to exist; and
    - (B) the fifth Business Day after the end of any applicable grace period; or
  - (ii) subject to (iii) below, where the Payment Deferment Event is an Outstanding DC Resolution, the date determined by the Calculation Agent) being not later than five Business Days following the day on which the relevant DC Credit Event

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Announcement, DC No Credit Event Announcement or DC Credit Event Question Dismissal has occurred; or

- (iii) where a Payment Deferment Event occurs on or after the Interest Payment Date immediately preceding the Scheduled Maturity Date and an Extension Notice has been served, the Final Deferred Payment Date; or
- (b) where Suspension of Payments is specified as applicable in the Final Terms, (i) the second Business Day following the final Business Day of the Suspension Period where no Early Redemption Event has occurred during the Suspension Period or, (ii) where the Calculation Agent determines that the circumstances giving rise to such potential Early Redemption Event have been remedied (if possible) or no longer exist prior to the end of the applicable grace period such that no related Early Redemption Event has occurred, the second Business Day following the date on which the Calculation Agent makes such determination;

**"Delayed Date"** has the meaning given to it in Collateral Security Condition 9;

**"Delivery Share"** means, in respect of a series of Secured Securities, the *pro rata* share of a Secured Security within such series in the Aggregate Delivery Share applicable to such series of Secured Securities as determined by the Collateral Calculation Agent and confirmed in writing to the French Collateral Security Agent;

**"Delivery Reduction Amount"** means the aggregate nominal amount of Specified Reference Collateral Assets which are sold (a) to make payments due in priority to the Holders in accordance with the applicable Priority of Payments or (b) to fund payment of any amounts due to the Swap Counterparty in accordance with Collateral Security Condition 5.19;

**"Designated Account"** has the meaning given to it in Collateral Security Condition 9;

**"Designated Bank"** has the meaning given to it in Collateral Security Condition 9;

**"Early Redemption Additional Proceeds Amount"** means the sum of any Swap Agreement Termination Payment, Repurchase Agreement Termination Payment and Collateral Exchange Agreement Termination Payment (where applicable) payable to the Issuer, which is received by the Issuer;

**"Early Redemption Amount"** means, save as provided in Collateral Security Condition 5.12(b) to (d) (inclusive) (where applicable), the Standard Early Redemption Amount unless one of Alternative Early Redemption Amount, Secured Security Highest Value, Secured Security Market Value or Secured Security Monetisation Option is specified as applicable in the applicable Final Terms in which case such amount will be determined in accordance with the definition of Alternative Early Redemption Amount, Secured Security Highest Value, Secured Security Market Value or Secured Security Monetisation Option as the case may be, provided that:

- (a) where any of Secured Security Highest Value, Secured Security Market Value or Secured Security Monetisation Option is specified as applicable or is applicable in respect of an Early Redemption Event in respect of which an Early Redemption Notice is delivered, if the Calculation Agent determines that such Early Redemption Event constitutes a force majeure, ERE Force Majeure/No Unwind Costs shall apply; and



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (b) the Final Terms may specify that any of Alternative Early Redemption Amount, Standard Early Redemption Amount, Secured Security Highest Value, Secured Security Market Value or Secured Security Monetisation Option applies in respect of different Early Redemption Events;

**"Early Redemption Costs"** means, as determined by the Calculation Agent, an amount equal to the aggregate of (i) any amounts payable in respect of any French Collateral Security Agent's fees, costs and expenses, (ii) the fees, costs and expenses (if any) incurred by the Issuer and/or the Collateral Custodian in the sale of the Specified Reference Collateral Assets (if any), (iii) any Swap Agreement Termination Payment due from the Issuer to the Swap Counterparty, (iv) any Repurchase Agreement Termination Payment (where applicable) due from the Issuer to the Repo Counterparty, (v) any Collateral Exchange Agreement Termination Payment (where applicable) due from the Issuer to the Collateral Exchange Counterparty (vi) where the Securities are Credit Notional Value Repack Securities and the relevant Early Redemption Event is a CDS Credit Event, a *pro rata* share per Security of any Credit Settlement Amount payable by the Issuer under the applicable credit default swap agreement entered into by the Issuer with the relevant Swap Counterparty and (vii) where Collateral Physical Settlement has been specified as applicable in respect of the relevant Early Redemption Event in the applicable Final Terms and there is a positive Excess Collateral Balance, an amount equal to the applicable Excess Collateral Balance Value;

**"Early Redemption Date"** means, in respect of a series of Secured Securities:

- (a) the date falling 10 Business Days following the sale of the relevant Collateral Assets by the Issuer in accordance with the Collateral Security Conditions or, if the relevant Collateral Assets are redeemed prior to the sale of such Collateral Assets or an Adjusted Asset Redemption Event, Asset Redemption Event, RCA Makewhole Event or RCA Call Event is the subject of the relevant Early Redemption Notice and Collateral Sale is not specified as applicable in the applicable Final Terms in respect of the relevant Early Redemption Event, the date falling 10 Business Days following the receipt of the relevant redemption proceeds;
- (b) if the Issuer has been unable to sell the Collateral Assets in accordance with the Collateral Security Conditions or has received a firm bid quotation of zero in accordance with the Collateral Security Conditions, the Business Day following the end of the Collateral Valuation Period;
- (c) where the Securities are Credit Notional Value Repack Securities and the relevant Early Redemption Event is the occurrence of a CDS Credit Event, the date falling 10 Business Days following the later of (i) the sale of the relevant Collateral Assets by the Issuer in accordance with the Collateral Security Conditions and (ii) the date on which the amount payable under the credit default swap agreement entered into by the Issuer with the relevant Swap Counterparty is determined; or
- (d) where Essential Trigger is specified in the applicable Final Terms, the date notified to the Holders being not earlier than the date which would apply if sub-paragraphs (a) or (b) of this definition applied;

**"Early Redemption Delivery Reduction Amount"** means the aggregate nominal amount of Specified Reference Collateral Assets which are sold by the Issuer to finance payment of any Early Redemption Costs;

**"Early Redemption Delivery Share"** means, in respect of a series of Secured Securities, the *pro rata* share of a Secured Security within such series in the Aggregate Early Redemption Delivery Share applicable to such series of Secured Securities;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Early Redemption Event"** means the occurrence of one or more of the following events as specified as applicable in the applicable Final Terms in respect of the relevant Secured Securities:

- (a) Adjusted Asset Redemption Event;
- (b) Annex Early Redemption Event;
- (c) Asset Payment Default Event;
- (d) Asset Default Event;
- (e) Asset Redemption Event;
- (f) Asset Payment Shortfall Event;
- (g) CDS Credit Event;
- (h) MTM Trigger Redemption Event;
- (i) RCA Change in Law Event;
- (j) RCA Call Event;
- (k) RCA Interest Deferral or Reduction Event;
- (l) RCA Makewhole Event;
- (m) RCA Payment Default Event;
- (n) RCA Principal Deferral or Reduction Event;
- (o) RCA Regulatory Event;
- (p) RCA Repudiation/Moratorium Event;
- (q) RCA Restructuring Event;
- (r) RCA Tax Event;
- (s) RCA Issuer Bankruptcy Event;
- (t) RCA Issuer Bond Failure to Pay Event;
- (u) RCA Issuer Bond Restructuring Event;
- (v) RCA Issuer/Parent Bankruptcy Event;
- (w) RCA Issuer/Parent Payment Default Event;
- (x) RCA Issuer/Parent Restructuring Event;
- (y) RCA Issuer/Parent Governmental Intervention Event;
- (z) RCA Issuer/Parent Obligation Acceleration Event;
- (aa) RCA Issuer/Parent Repudiation/Moratorium Event;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (bb) Related Agreement Termination Event;
- (cc) RCA Non-Call Event;
- (dd) Standard Early Redemption Event;
- (ee) Obligor Early Redemption Event; and
- (ff) Other Early Redemption Event,

provided that, in respect of a series of Secured Securities different Early Redemption Events may be expressed to apply to each of the RCA Issuer, RCA Guarantor, RCA Parent, Eligible Collateral Issuer and/or Specified Reference Entity, as specified in the applicable Final Terms;

**"Early Redemption Notice"** means a notice delivered by the Issuer to the Holders in accordance with Security Condition 10 stating that an Early Redemption Event has occurred on or after the Event Trigger Date applicable to a series of Secured Securities;

**"Early Residual Proceeds Amount"** has the meaning given to it in Collateral Security Condition 5.4;

**"Eligible Collateral"** means assets which are one or more of the types of assets listed in the Eligible Collateral Annex;

**"Eligible Collateral Annex"** means the annex to these Collateral Security Conditions which sets out the type or types of assets which may constitute the Reference Collateral Assets in respect of any series of Secured Securities;

**"Eligible Collateral Issuer"** means the entity specified as such in the applicable Final Terms;

**"Eligible Collateral Issuer Obligations"** has the meaning given to it in Collateral Security Condition 3.10;

**"Enforcement Event"** means the delivery of an Acceleration Notice by the French Collateral Security Agent to each of the Issuer, the Principal Security Agent, the Collateral Custodian, the Swap Counterparty (if any), the Repo Counterparty (if any) and the Collateral Exchange Counterparty (if any);

**"Enforcement Expenses"** means all amounts due to the French Collateral Security Agent and/or any appointee or agent thereof or any receiver, including, without limitation, any costs, expenses taxes or other amounts incurred in connection with the realisation of, or enforcement with respect to the Collateral Assets in a Collateral Pool and distribution of such proceeds and/or, where applicable, delivery of Collateral Assets to the Holders of the related Secured Securities and any other unpaid amounts (including, without limitation, indemnity entitlements) payable to the French Collateral Security Agent and/or any appointee or agent thereof by the Issuer under the French Collateral Security Agency and Pledge Agreement;

**"Enforcement Notice"** has the meaning given to it in Collateral Security Condition 7.2;

**"Equivalent Securities"** means securities which are equivalent to Collateral Assets where securities are "equivalent" to the relevant Collateral Assets for the purposes of these Collateral Security Conditions if they are (a) issued by the same issuer, (b) part of the same issue and (c) of an identical type, nominal amount, description and amount as those other securities;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"ERE Force Majeure/No Unwind Costs"** means if ERE Force Majeure/No Unwind Costs is specified as the Early Redemption Amount, the Early Redemption Amount in respect of each Certificate shall be the fair market value of a Certificate, being equal to a *pro rata* share of the Unadjusted Proceeds;

**"Euroclear France Certificates"** has the meaning given to it in Collateral Security Condition 9;

**"Event of Default"** has the meaning given to it in Collateral Security Condition 7.1;

**"Event Trigger Date"** means the Trade Date or such other date specified in the applicable Final Terms where such date shall not be adjusted in accordance with any Business Day Convention;

**"Excess Collateral Amount"** has the meaning given to it in Collateral Security Condition 5.17;

**"Excess Collateral Balance"** means, on any day, and subject to a minimum of zero, the sum of each Excess Collateral Amount which is calculated in respect of a Denomination Matching Failure Event, subject to any adjustment in accordance with Collateral Security Condition 5.18;

**"Excess Collateral Balance Value"** means:

- (a) where Collateral Physical Settlement or Physical Delivery of Collateral is not applicable, an amount equal to the product of (i) the Collateral Sale Proceeds (calculated on the basis that the Collateralised Percentage is equal to 100 per cent) (in the case of an Early Redemption Event) or the Collateral Enforcement Proceeds (calculated on the basis that the Collateralised Percentage is equal to 100 per cent) (in the case of an Enforcement Event) and (ii) the Excess Collateral Percentage; or
- (b) where Collateral Physical Settlement or Physical Delivery of Collateral is applicable, an amount equal to the proportion of the proceeds of sale of Specified Reference Collateral Assets equal to the proportion the nominal amount of Specified Reference Collateral Assets in the Excess Collateral Balance represents of the nominal amount of Specified Reference Collateral Assets which are to be sold in accordance with Collateral Security Condition 5.4 or 7.5, as the case may be;

**"Excess Collateral Percentage"** means, on any day, the proportion of the aggregate Reference Nominal Amount of the Specified Reference Collateral Assets in a Collateral Pool represented by the Excess Collateral Balance (expressed as a percentage);

**"Extension Date"** means the latest of:

- (a) the Scheduled Redemption Date;
- (b) the date that is the number of days in the applicable grace period following an extension of the redemption of the Securities upon the occurrence of a Potential Failure to Pay on or prior to the Scheduled Redemption Date, if Failure to Pay is specified as an applicable Reference Collateral Credit Event in relation to a RCA Reference Entity in the Final Terms and the Calculation Agent delivers an Extension Notice under sub-paragraph (ii) of the definition thereof; and
- (c) the Repudiation/Moratorium Evaluation Date (if any) if Repudiation/Moratorium is specified as an applicable Reference Collateral Credit Event in relation to a RCA Reference Entity in the Final Terms and the Calculation Agent delivers an Extension Notice under sub-paragraph (c) of the definition thereof

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Extension Notice"** means a notice from the Calculation Agent to the Issuer giving notice of the following in relation to the relevant RCA Reference Entity:

- (a) without prejudice to sub-paragraphs (b), (c) and (d) below, that a Reference Collateral Credit Event has occurred or may occur on or prior to the Scheduled Redemption Date;
- (b) (where applicable) that a Potential Failure to Pay has occurred or may occur on or prior to the Scheduled Redemption Date;
- (c) (where applicable) that a Potential Repudiation/Moratorium has occurred or may occur on or prior to the Scheduled Redemption Date; or
- (d) that a Credit Event Resolution Request Date has occurred or may occur on or prior to the last day of the Notice Delivery Period.

Following delivery of an Extension Notice, the Issuer, or the Calculation Agent on its behalf, will as soon as practicable notify the Holders of the Issuer's receipt of such notice and the postponement of redemption of the Securities;

**"Final Deferred Payment Date"** means:

- (a) where Deferral of Payments is specified as applicable in the Final Terms
  - (i) the later of:
    - (A) thirty Business Days after the Extension Date; and
    - (B) thirty Business Days after the date on which the relevant DC Credit Event Announcement, DC No Credit Event Announcement or DC Credit Event Question Dismissal has occurred; or
  - (ii) any such earlier day as determined by the Calculation Agent by giving notice to the Holders; or
- (b) where Suspension of Payments is specified as applicable in the Final Terms, (i) the second Business Day following the final Business Day of the Suspension Period where no Early Redemption Event has occurred during the Suspension Period or, (ii) where the Calculation Agent determines that the circumstances giving rise to the Suspension Event have been remedied (if possible) or no longer exist prior to the end of the applicable grace period such that no related Early Redemption Event has occurred, the second Business Day following the date on which the Calculation Agent makes such determination;

**"Final RCA Maturity Call Option Date"** means the RCA Maturity Call Option Date in respect of which the Specified Reference Collateral Assets are redeemed in full;

**"Final Security Value"** means, in respect of a Secured Security, (a) the relevant Secured Security's nominal value or (b) if Partial Nominal Value Collateralisation is specified as applicable in the applicable Final Terms relating thereto, the product of (i) the nominal value of such Secured Security and (ii) the Collateralisation Level applicable to the relevant series of Secured Securities;

**"French Collateral Security Agency and Pledge Agreement"** means the collateral security agency and pledge agreement between, *inter alios*, the Issuer and the French Collateral Security Agent relating to the relevant series of Secured Securities;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"French Collateral Security Agent"** means the entity specified as such in the applicable Final Terms, acting as *agent des sûretés* in accordance with the provisions of article 1984 or article 2488-6 of the French civil code, as specified in the French Collateral Security Agency and Pledge Agreement and, if applicable, any agent of, or any other entity appointed by the French Collateral Security Agent;

**"Governmental Authority"** means (i) any de facto or de jure government (or any agency, instrumentality, ministry or department thereof); (ii) any court, tribunal, administrative or other governmental, inter-governmental or supranational body; (iii) any authority or any other entity (private or public) either designated as a resolution authority or charged with the regulation or supervision of the financial markets (including a central bank) of the relevant RCA Issuer, the relevant RCA Reference Entity or some or of all of its obligations; or (iv) any other authority which is analogous to any of the entities specified in (i) to (iii).

**"Haircut"** means a percentage by which the market value of a Collateral Asset is discounted to mitigate possible depreciation in the value of the relevant Collateral Asset in the period between the last valuation of such Collateral Asset under the Repurchase Agreement and the realisation of such Collateral Asset.

**"Holder Election Notice"** means a notice delivered by the Issuer to the Holders in accordance with Security Condition 10 following the occurrence of an Early Redemption Event in respect of which the applicable Early Redemption Amount will be determined in accordance with the definition of Secured Security Monetisation Option giving the details set out in Collateral Security Condition 5.15;

**"Holders' Option Period"** is the period specified as such in the applicable Final Terms;

**"Holder Priority of Payments"** means the Collateral Enforcement Proceeds or the Collateral Assets (where Physical Delivery of Collateral is applicable) shall be used by the French Collateral Security Agent to make payments and/or, where Physical Delivery of Collateral is applicable, deliveries in the following order of priority (in each case only if and to the extent that payments of a higher priority have been made in full):

- (a) first, to pay any Enforcement Expenses to the French Collateral Security Agent and/or any appointee or agent thereof or any receiver appointed in connection with the relevant Collateral Pool;
- (b) secondly, to pay the aggregate Security Termination Amounts due in respect of the relevant Secured Securities and/or where Physical Delivery of Collateral is applicable, to deliver the aggregate applicable Delivery Shares due in respect of the relevant Secured Securities;
- (c) thirdly, rateably to pay the claims (if any) of the Swap Counterparty under each Swap Agreement relating to the relevant series of Secured Securities and each Collateral Exchange Counterparty under each Collateral Exchange Agreement relating to the relevant series of Secured Securities. If the moneys or, if applicable, Collateral Assets, received by the French Collateral Security Agent are not enough to pay such amounts in full, the French Collateral Security Agent shall apply them pro rata on the basis of the amount due to each party entitled to such payment; and
- (d) fourthly, the balance (if any) to the Issuer.

**"Initial Collateral Valuation Date"** means a Business Day in the Initial Collateral Valuation Period, as selected by the Issuer;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Initial Collateral Valuation Period"** means a period of one month following the delivery of an Early Redemption Notice by, or on behalf of, the Issuer;

**"Initial Posting Date"** means (a) the Issue Date or such other date or dates specified in the applicable Final Terms (the **"Scheduled Initial Posting Date"**) or (b) if Settlement Grace Period is specified as applicable in the applicable Final Terms, the date or dates falling not later than the number of Business Days equal to the Reference Collateral Assets Grace Period following such Scheduled Initial Posting Date;

**"ISDA"** means the International Swaps and Derivatives Association, Inc.;

**"Issuer"** means BNPP B.V.;

**"Latest Delivery Date"** means the later of the date 30 days following:

- (a) the delivery of an Enforcement Notice; or
- (b) where the French Collateral Security Agent (i) has requested that it be indemnified and/or secured and/or pre-funded prior to making any delivery of Specified Reference Collateral Assets and/or (ii) appoints a disposal agent to assist it in relation to enforcement, the later of the dates on which the French Collateral Security Agent is satisfied that it is sufficiently indemnified and/or secured and/or pre-funded and/or the French Collateral Security Agent has appointed a disposal agent,

provided that where a Collateral Settlement Disruption Event has occurred on the date which would otherwise be the Latest Delivery Date, such date shall not occur until at least five Business Days' following (i) such Collateral Settlement Disruption Event ceasing to apply or, (ii) where the French Collateral Security Agent determines that it is not possible for the relevant Collateral Settlement Disruption Event to be cured, the date of such determination;

**"Margin Securities"** means securities which have been delivered as collateral by the Repo Counterparty to the Issuer under the Repurchase Agreement;

**"Market Value Put Option"** has the meaning given to it in Collateral Security Condition 5.8;

**"Matching Quotation"** has the meaning given to it in Collateral Security Condition 5.3;

**"Minimum Number of Quotations"** means the number of quotations specified in the applicable Final Terms;

**"MTM Trigger Redemption Event"** means the occurrence of a Swap MTM Event, a Reference Collateral Assets MTM Event or a Secured Securities MTM Event, in each case provided that such event is specified as applicable in the applicable Final Terms;

**"MTM Trigger Valuation Method"** means:

- (a) where Calculation Agent Valuation is specified as applicable in the applicable Final Terms, the price determined by the Calculation Agent; or
- (b) where Dealer Poll Valuation is specified as applicable in the applicable Final Terms, the highest firm bid price obtained by the Calculation Agent having requested firm bid prices from at least three dealers (one of which may be BNP Paribas) on any Business Day, provided that where no firm bid prices can be obtained, the bid price determined by the Calculation Agent;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"MTM Value"** means, in respect of a Security, the marked to market value (expressed as an amount) of such Certificate (taking into account all factors which the Collateral Calculation Agent determines relevant) immediately prior to the occurrence of an Enforcement Event, provided that no account shall be taken of the financial condition of (i) the Issuer which shall be deemed to be able to perform fully its obligations in respect of the Certificates or (ii) the Guarantor which shall be deemed to be able to perform fully its obligations in respect of the Guarantee and provided further that where the relevant Security is one to which Cash Settlement is applicable and is a Security in respect of which the Redemption Date was due to occur on or prior to the date on which the Enforcement Event occurred, the marked to market value of the Certificate, for the purpose of determining such amount, may not be less than the Cash Settlement Amount payable in respect thereof;

**"Net Proceeds"** has the meaning given to it in Collateral Security Condition 11;

**"nominal value"** means, in respect of any Secured Security, the Notional Amount of such Secured Security;

**"Notional Value Repack Securities"** means Secured Securities to which this Part D of Annex 13 is specified to apply in the applicable Final Terms;

**"Obligation"** means:

- (a) any obligation of the relevant RCA Reference Entity (either directly or as provider of a Relevant Guarantee) determined pursuant to the Method for Determining Obligations; and
- (b) the relevant Reference Obligations,

in each case, unless it is an Excluded Obligation.

For purposes of the **"Method for Determining Obligations"**, the term "Obligation" may be defined as each obligation of the RCA Reference Entity described by the Obligation Category specified in respect thereof and having each of the Obligation Characteristics, if any, specified in respect thereof, in each case, immediately prior to the Early Redemption Event which is the subject of the Early Redemption Notice;

**"Obligation Category"** means Payment, Borrowed Money, Reference Obligation Only, Bond, Loan, or Bond or Loan, only one of which shall be specified in relation to a RCA Reference Entity;

**"Obligation Characteristic"** means any one or more of Not Subordinated, Specified Currency, Not Sovereign Lender, Not Domestic Currency, Not Domestic Law, Listed and Not Domestic Issuance as specified in relation to a RCA Reference Entity, provided that:

- (a) if either of the Obligation Characteristics "Listed" or "Not Domestic Issuance" is specified in the related Final Terms or is applicable in respect of the applicable Transaction Type, the Final Terms shall be construed as though the relevant Obligation Characteristic had been specified as an Obligation Characteristic only with respect to Bonds; and
- (b) if "Financial Entity Terms" and "RCA Issuer/Parent Governmental Intervention Event" are specified as applicable in respect of a RCA Reference Entity, if an obligation would otherwise satisfy a particular Obligation Characteristic, the existence of any terms in the relevant obligation in effect at the time of making the determination which permit the RCA Reference Entity's obligations to be altered, discharged, released or suspended in circumstances which would constitute a RCA Issuer/Parent Governmental Intervention Event shall not cause such obligation to fail to satisfy such Obligation Characteristic;



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Obligation Currency"** means the currency or currencies in which an Obligation is denominated;

**"Obligor Early Redemption Event"** means the occurrence of one or more of the following events:

- (a) RCA Issuer/Parent Bankruptcy Event;
- (b) RCA Issuer/Parent Payment Default Event;
- (c) RCA Issuer/Parent Governmental Intervention Event;
- (d) RCA Issuer/Parent Obligation Acceleration Event;
- (e) RCA Issuer/Parent Repudiation/Moratorium Event; and
- (f) RCA Issuer/Parent Restructuring Event;

**"Other Currency"** has the meaning given to it in Collateral Security Condition 3.13;

**"Other Early Redemption Event"** means the occurrence of one or more of the following events:

- (a) CDS Credit Event;
- (b) MTM Trigger Redemption Event;
- (c) RCA Call Event; and
- (d) RCA Makewhole Event;

**"Over Collateralisation Level"** is the percentage specified as such in the applicable Final Terms;

**"Par Redemption Period"** means the period specified in the applicable Final Terms;

**"Partial Redemption"** has the meaning given to it in Collateral Security Condition 5.7;

**"Payment Date"** has the meaning given to it in Collateral Security Condition 9;

**"Payment Deferral Event"** means:

- (a) where Deferral of Payments is specified as being applicable:
  - (i) the failure by a RCA Reference Entity to make, when and where due, any payments in an aggregate amount of not less than the Payment Requirement under one or more Obligations in accordance with the terms of such Obligations at the time of such failure (without regard to any grace period or any conditions precedent to the commencement of any grace period applicable to such Obligations) (a **"Potential Failure to Pay"**); or
  - (ii) (A) the DC Secretary has received a notice within the definition of "DC Credit Event Question" and (B) a DC Credit Event Announcement, a DC No Credit Event Announcement or a DC Credit Event Question Dismissal has not yet occurred (an **"Outstanding DC Resolution"**); or
  - (iii) on or after the Interest Payment Date immediately preceding the Scheduled Redemption Date, to the extent not covered by (i) and (ii) above, where an Extension Notice has been served; or

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (b) where Suspension of Payments is specified as being applicable or is deemed to apply in accordance with Collateral Security Condition 5.14, the occurrence of a Suspension Event;

**"Payment Requirement"** means the amount specified as such the applicable Final Terms or its equivalent in the relevant Obligation Currency or, if a Payment Requirement is not so specified in the applicable Final Terms, U.S.\$ 1,000,000, or its equivalent as calculated by the Calculation Agent in the relevant Obligation Currency, in either case, as of the occurrence of the relevant RCA Issuer Bond Failure to Pay Event, RCA Issuer/Parent Payment Default Event, Failure to Pay or Potential Failure to Pay, as applicable;

**"Physical Delivery of Collateral"** means, following the occurrence of an Enforcement Event, Collateral Assets are to be delivered to the Holders of Secured Securities in accordance with Collateral Security Condition 7.5 and shall only apply to a series of Secured Securities where "Physical Delivery of Collateral" is specified as applicable in the applicable Final Terms;

**"Placed Secured Securities"** means, at any time, the number of Secured Securities outstanding less the number of any Secured Securities which form part of the BNPP Holding at such time;

**"Placed Secured Securities Decrease Date"** means any date after the Initial Posting Date on which the BNPP Holding increases;

**"Placed Secured Securities Increase Date"** means any date after the Initial Posting Date on which the BNPP Holding decreases;

**"Pledge"** means the Security Interests created, or intended to be created at any time in favour of the French Collateral Security Agent on behalf of the relevant Secured Parties under the Pledge Agreement relating to a Collateral Pool;

**"Pledge Agreement"** is as defined in Collateral Security Condition 3.2;

**"Pool Aggregate Final Security Value"** means, in respect of a Collateral Pool, the aggregate of the Final Security Values of each Secured Security which is secured by such Collateral Pool;

**"Priority Amounts"** means, following the occurrence of an Enforcement Event and in respect of a series of Secured Securities, the amounts which are payable in accordance with the applicable Priority of Payments in priority to amounts due to be paid or delivered to the Holders;

**"Priority of Payments"** means, in respect of a series of Secured Securities, Holder Priority of Payments, Swap Counterparty Priority of Payments, Repo Counterparty Priority of Payments or Swap Counterparty Priority of Payments – Subordination Flip as specified in the applicable Final Terms, being the order of priority in which payments will be made using the Collateral Enforcement Proceeds in respect of such series of Secured Securities;

**"Put Notice"** has the meaning given to it in Collateral Security Condition 5.8;

**"Put Option Redemption Amount"** means the Collateral Sale Proceeds less the Early Redemption Costs;

**"Put Optional Redemption Date"** has the meaning given to it in Collateral Security Condition 5.8;

**"Rating"** means the senior unsecured debt rating assigned by the three rating agencies Moody's Investor Service, Inc., Standard & Poor's Ratings Services, a division of Standard & Poor's Credit Market Service

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Europe Limited and Fitch Ratings or any of them, it being understood that if the ratings assigned in respect of an entity are not equivalent, only the highest one(s) will be taken into consideration;

**"RCA Call"** means any right of a RCA Issuer to redeem the relevant Specified Reference Collateral Assets early on the RCA Call Date in accordance with the terms thereof;

**"RCA Call Date"** means the date specified in the applicable Final Terms (as such date is adjusted for non-business days in accordance with the terms of the Specified Reference Collateral Assets);

**"RCA Call Event"** means a RCA Issuer elects to exercise any option it has under the terms of the relevant Specified Reference Collateral Assets to redeem such Specified Reference Collateral Assets in accordance with their terms (including, without limitation, where a RCA Residual Maturity Call Option Event occurs) other than where:

- (a) RCA Makewhole Event is an applicable Early Redemption Event and a RCA Makewhole Event occurs; or
- (b) RCA Maturity Call and Par Redemption are specified as applicable in the applicable Final Terms and a RCA Maturity Call Option Event occurs in the relevant Par Redemption Period,

provided that, such event shall be deemed to occur as of the later of (i) the relevant event being notified to the holders of the relevant Specified Reference Collateral Assets by, or on behalf, of the relevant RCA Issuer and (ii) the earlier of the Issuer or the Calculation Agent becoming aware of the occurrence of such event;

**"RCA Change in Law Event"** means on or after the Event Trigger Date, (a) due to the adoption of or any change in any applicable law or regulation (including, without limitation, any law or regulation in respect of tax, solvency or capital requirements), or (b) due to the promulgation of or any change in the interpretation by any court, tribunal or regulatory authority with competent jurisdiction of any applicable law or regulation (including any action taken by a taxing or financial authority), or the combined effect thereof if occurring more than once, the Issuer or the Calculation Agent determines in good faith and in a commercially reasonable manner that it has become illegal for (i) the Issuer to perform its obligations in respect of any Securities or the Swap Counterparty to perform its obligations in respect of any Swap Agreement, (ii) for the Issuer to hold, acquire or dispose of relevant hedge positions relating to any Securities or for the Swap Counterparty to hold, acquire or dispose of relevant hedge positions relating to any Swap Agreement save where such an event in (A) or (B) would constitute an Additional Disruption Event or an Optional Additional Disruption Event (in the case of Index Securities, Share Securities, Commodity Securities, Currency Securities, Underlying Interest Rate Securities or ETI Securities) or an Extraordinary Fund Event (in the case of Fund Securities) or an Extraordinary ETI Event (in the case of ETI Securities) or the Securities are Inflation Securities or an Additional Credit Security Disruption Event (in the case of Credit Securities), or (iii) for the Issuer to hold, acquire or dispose of any Reference Collateral Assets;

**"RCA Early Call Event"** means where RCA Makewhole Event is specified as applicable in the applicable Final Terms and a RCA Makewhole Event occurs, the occurrence of such RCA Makewhole Event or, where RCA Call Event is specified as applicable in the applicable Final Terms and a RCA Call Event occurs, the occurrence of such RCA Call Event;

**"RCA Guarantor"** means each guarantor of the relevant RCA Issuer's obligations in respect of any Specified Reference Collateral Assets;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"RCA Interest Amount"** means the interest amount calculated in respect of an amount of Specified Reference Collateral Assets, equal to the RCA Nominal Amount in accordance with the terms and conditions of the Specified Reference Collateral Assets (as at the Trade Date) and calculated by reference to the RCA Interest Rate applicable to the Specified Reference Collateral Assets;

**"RCA Interest Deduction Amount"** means the sum of (a) any RCA Interest Amounts that would be payable in respect of a nominal amount of the Specified Reference Collateral Assets equal to the RCA Nominal Amount on the date the relevant Early Redemption Event has occurred (the **"Reference RCA Nominal Amount"**), from, and including, the Early Redemption Date to, and including, the scheduled Redemption Date of the Secured Securities (and, for this purpose, where the RCA Interest Rate is not a fixed rate, the interest rate applicable to the Specified Reference Collateral Assets for the period during which the relevant Early Redemption Event has occurred shall be used to calculate the RCA Interest Amounts for the purposes of this sub-paragraph (a)) if no Early Redemption Event had occurred and the Issuer held the Reference RCA Nominal Amount of the Specified Reference Collateral Assets until, and including, the scheduled Redemption Date and (b) and RCA Interest Amounts payable on any Scheduled RCA Interest Payment Date in respect of the Reference RCA Nominal Amount of Specified Reference Collateral Assets prior to the Early Redemption Date which were not paid prior to the Early Redemption Date;

**"RCA Interest Deferral or Reduction Event"** means any deferral, postponement, capitalisation or reduction (in part or in full) of one or more interest payments under the relevant Specified Reference Collateral Assets and/or reduction of the applicable RCA Interest Rate set out in the terms of the relevant Specified Reference Collateral Assets as of the Trade Date (after taking account of any applicable grace period under the terms of the relevant Specified Reference Collateral Assets and adjustments for non-business days) (an **"Interest Deferral Event"**), regardless of whether or not such Interest Deferral Event is permitted by the terms of such Specified Reference Collateral Assets and whether or not such Interest Deferral Event leads to an event of default under the terms of the Specified Reference Collateral Assets and no regard shall be had as to whether any such interest payment is (a) deferred or postponed for potential later payment or (b) is reduced (in part or in full) with no possibility for later payment;

**"RCA Interest Rate"** means the interest rate applicable to the relevant Specified Reference Collateral Assets in accordance with the terms and conditions of the Specified Reference Collateral Assets (as at the Trade Date);

**"RCA Issuer"** means the issuer or primary obligor in respect of any of the relevant Specified Reference Collateral Assets or the Successor thereto;

**"RCA Issuer Bankruptcy Event"** means the RCA Issuer or RCA Guarantor in respect of any of the relevant Reference Collateral Assets:

- (a) is dissolved (other than pursuant to a consolidation, amalgamation or merger);
- (b) becomes insolvent or is unable to pay its debts or fails or admits in writing in a judicial, regulatory or administrative proceeding or filing its inability generally to pay its debts as they become due;
- (c) makes a general assignment, arrangement, scheme or composition with or for the benefit of its creditors generally, or such a general assignment, arrangement, scheme or composition becomes effective;
- (d) institutes or has instituted against it a proceeding seeking a judgment of insolvency or bankruptcy or any other similar relief under any bankruptcy or insolvency law or other law

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

affecting creditors' rights, or a petition is presented for its winding-up or liquidation, and, in the case of any such proceeding or petition instituted or presented against it, such proceeding or petition: (i) results in a judgment of insolvency or bankruptcy or the entry of an order for relief or the making of an order for its winding-up or liquidation; or (ii) is not dismissed, discharged, stayed or restrained in each case within thirty calendar days of the institution or presentation thereof;

- (e) has a resolution passed for its winding-up or liquidation (other than pursuant to a consolidation, amalgamation or merger);
- (f) seeks or becomes subject to the appointment of an administrator, provisional liquidator, conservator, receiver, trustee, custodian or other similar official for it or for all or substantially all its assets;
- (g) has a secured party take possession of all or substantially all its assets or has a distress, execution, attachment, sequestration or other legal process levied, enforced or sued on or against all or substantially all its assets and such secured party maintains possession, or any such process is not dismissed, discharged, stayed or restrained, in each case within thirty calendar days thereafter; or
- (h) causes or is subject to any event with respect to it which, under the applicable laws of any jurisdiction, has an analogous effect to any of the events specified in sub-paragraphs (a) to (g) (inclusive) above;

**"RCA Issuer Bonds"** means:

- (a) any obligation of the relevant RCA Reference Entity (either directly or as provider of a Relevant Guarantee) which is a Bond and having each of the Obligation Characteristics, if any, specified in respect thereof, in each case, immediately prior to the Early Redemption Event which is the subject of the Early Redemption Notice; and
- (b) the relevant Reference Obligations,

in each case, unless it is an Excluded Obligation;

**"RCA Issuer Bond Failure to Pay Event"** means, after the expiration of any applicable grace period (after the satisfaction of any conditions precedent to the commencement of such grace period), the failure by a RCA Reference Entity to make, when and where due, any payments in an aggregate amount of not less than the Payment Requirement under one or more RCA Issuer Bonds in accordance with the terms of such RCA Issuer Bonds at the time of such failure.

If an occurrence that would constitute a RCA Issuer Bond Failure to Pay Event (a) is a result of a redenomination that occurs as a result of action taken by a Governmental Authority which is of general application in the jurisdiction of such Governmental Authority and (b) a freely available market rate of conversion existed at the time of the redenomination, then such occurrence will be deemed not to constitute a RCA Issuer Bond Failure to Pay Event unless the redenomination itself constituted a reduction in the rate or amount of interest, principal or premium payable (as determined by reference to such freely available market rate of conversion) at the time of such redenomination;

**"RCA Issuer Bond Restructuring Event"** means:

- (a) that, with respect to one or more RCA Issuer Bonds and in relation to an aggregate amount of not less than the Default Requirement, any one or more of the following events occurs in a form

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

that binds all holders of such Obligation, is agreed between the relevant RCA Reference Entity or a Governmental Authority and a sufficient number of holders of such RCA Issuer Bond to bind all holders of such RCA Issuer Bond or is announced (or otherwise decreed) by the RCA Reference Entity or a Governmental Authority in a form that binds all holders of such RCA Issuer Bonds (including, in each case by way of an exchange), and such event is not expressly provided for under the terms of such RCA Issuer Bond in effect as of the later of the Event Trigger Date and the date as of which such RCA Issuer Bond is issued:

- (i) a reduction in the rate or amount of interest payable or the amount of scheduled interest accruals (including by way of redenomination);
  - (ii) a reduction in the amount of principal or premium payable at redemption (including by way of redenomination);
  - (iii) a postponement or other deferral of a date or dates for either (A) the payment or accrual of interest, or (B) the payment of principal or premium;
  - (iv) a change in the ranking in priority of payment of any RCA Issuer Bond, causing the Subordination of such RCA Issuer Bond to any other RCA Issuer Bond; or
  - (v) any change in the currency of any payment of interest, principal or premium to any currency other than the lawful currency of Canada, Japan, Switzerland, the United Kingdom and the United States of America and the euro and any successor currency to any of the aforementioned currencies (which in the case of the euro, shall mean the currency which succeeds to and replaces the euro in whole).
- (b) Notwithstanding the provisions of (a) above, none of the following shall constitute a RCA Issuer Bond Restructuring Event:
- (i) the payment in euros of interest, principal or premium in relation to a RCA Issuer Bond denominated in a currency of a Member State of the European Union that adopts or has adopted the single currency in accordance with the Treaty establishing the European Community, as amended by the Treaty on European Union;
  - (ii) the redenomination from euros into another currency, if (A) the redenomination occurs as a result of action taken by a Governmental Authority of a Member State of the European Union which is of general application in the jurisdiction of such Governmental Authority and (B) a freely available market rate of conversion between euros and such other currency existed at the time of such redenomination and there is no reduction in the rate or amount of interest, principal or premium payable, as determined by reference to such freely available market rate of conversion;
  - (iii) the occurrence of, agreement to or announcement of any of the events described in (a)(i) to (v) above due to an administrative adjustment, accounting adjustment or tax adjustment or other technical adjustment occurring in the ordinary course of business; and
  - (iv) the occurrence of, agreement to or announcement of any of the events described in (a)(i) to (v) above in circumstances where such event does not directly or indirectly result from a deterioration in the creditworthiness or financial condition of the RCA Reference Entity, provided that in respect of (a)(v) only, no such deterioration in the creditworthiness or financial condition of the RCA Reference Entity is required where

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

the redenomination is from euros into another currency and occurs as a result of action taken by a Governmental Authority of a Member State of the European Union which is of general application in the jurisdiction of such Governmental Authority.

- (c) For the purposes of (a) and (b) above, the term "RCA Issuer Bond" shall be deemed to include Underlying Obligations which are Bonds for which the RCA Reference Entity is acting as provider of a Guarantee. In the case of a Guarantee and an Underlying Obligation, references to the RCA Reference Entity in (a) above shall be deemed to refer to the Underlying Obligor and the reference to the RCA Reference Entity in (b) above shall continue to refer to the RCA Reference Entity.
- (d) If an exchange has occurred, the determination as to whether one of the events described under (a)(i) to (v) above has occurred will be based on a comparison of the terms of the RCA Issuer Bond immediately prior to such exchange and the terms of the resulting obligations immediately following such exchange.
- (e) Unless "Multiple Holder Obligation" is specified as not applicable in the applicable Final Terms, notwithstanding anything to the contrary in the definition of "RCA Issuer Bond Restructuring Event" and related provisions, the occurrence of, agreement to, or announcement of, any of the events described in sub paragraph (a)(i) to (a)(v) (inclusive) thereof shall not be a RCA Issuer Bond Restructuring Event unless the RCA Issuer Bond in respect of any such events is a Multiple Holder Obligation, provided that any obligation that is a Bond shall be deemed to satisfy the requirements of sub-paragraph (b) of the definition of "Multiple Holder Obligation";

**"RCA Issuer/Parent Bankruptcy Event"** means a RCA Reference Entity:

- (a) is dissolved (other than pursuant to a consolidation, amalgamation or merger);
- (b) becomes insolvent or is unable to pay its debts or fails or admits in writing in a judicial, regulatory or administrative proceeding or filing its inability generally to pay its debts as they become due;
- (c) makes a general assignment, arrangement, scheme or composition with or for the benefit of its creditors generally, or such a general assignment, arrangement, scheme or composition becomes effective;
- (d) institutes or has instituted against it a proceeding seeking a judgment of insolvency or bankruptcy or any other similar relief under any bankruptcy or insolvency law or other law affecting creditors' rights, or a petition is presented for its winding-up or liquidation, and, in the case of any such proceeding or petition instituted or presented against it, such proceeding or petition:
  - (i) results in a judgment of insolvency or bankruptcy or the entry of an order for relief or the making of an order for its winding-up or liquidation; or
  - (ii) is not dismissed, discharged, stayed or restrained in each case within thirty calendar days of the institution or presentation thereof;
- (e) has a resolution passed for its winding-up or liquidation (other than pursuant to a consolidation, amalgamation or merger);

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (f) seeks or becomes subject to the appointment of an administrator, provisional liquidator, conservator, receiver, trustee, custodian or other similar official for it or for all or substantially all its assets;
- (g) has a secured party take possession of all or substantially all its assets or has a distress, execution, attachment, sequestration or other legal process levied, enforced or sued on or against all or substantially all its assets and such secured party maintains possession, or any such process is not dismissed, discharged, stayed or restrained, in each case within thirty calendar days thereafter; or
- (h) causes or is subject to any event with respect to it which, under the applicable laws of any jurisdiction, has an analogous effect to any of the events specified in sub-paragraphs (a) to (g) (inclusive) above;

**"RCA Issuer/Parent Governmental Intervention Event"** means:

- (a) that, with respect to one or more Obligations and in relation to an aggregate amount of not less than the Default Requirement, any one or more of the following events occurs as a result of action taken or an announcement made by a Governmental Authority pursuant to, or by means of, a restructuring and resolution law or regulation (or any other similar law or regulation), in each case, applicable to the RCA Reference Entity in a form which is binding, irrespective of whether such event is expressly provided for under the terms of such Obligation:
  - (i) any event which would affect creditors' rights so as to cause:
    - (A) a reduction in the rate or amount of interest payable or the amount of scheduled interest accruals (including by way of redenomination);
    - (B) a reduction in the amount of principal or premium payable at redemption (including by way of redenomination);
    - (C) a postponement or other deferral of a date or dates for either (I) the payment or accrual of interest, or (II) the payment of principal or premium; or
    - (D) a change in the ranking in priority of payment of any Obligation, causing the Subordination of such Obligation to any other Obligation;
  - (ii) an expropriation, transfer or other event which mandatorily changes the beneficial holder of the Obligation;
  - (iii) a mandatory cancellation, conversion or exchange; or
  - (iv) any event which has an analogous effect to any of the events specified in (a)(i) to (a)(iii) above.
- (b) For purposes of (a) above, the term Obligation shall be deemed to include Underlying Obligations for which the RCA Reference Entity is acting as provider of a Guarantee;
- (c) The following provisions shall apply in respect of a RCA Reference Entity if the "CoCo Supplement" is applicable:
  - (i) If, with respect to one or more Obligations and in relation to an aggregate amount of not less than the Default Requirement, the operation of one or more CoCo Provisions results in (i) a permanent or temporary reduction of the amount of principal payable at



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

redemption or (ii) a conversion of principal into shares or another instrument, such event shall be deemed to constitute a RCA Issuer/Parent Governmental Intervention Event falling within paragraph (a) of the definition above.

- (ii) A CoCo Provision shall be deemed to be a provision which permits a RCA Issuer/Parent Governmental Intervention Event for all purposes.

- (iii) The following terms shall have the following meanings:

**"Coco Provision"** means, with respect to an Obligation, a provision which requires (A) a permanent or temporary reduction of the amount of principal payable at redemption or (B) a conversion of principal into shares or another instrument, in each case, if the Capital Ratio is at or below the Trigger Percentage.

**"Trigger Percentage"** means the trigger percentage specified in respect of the Reference Entity (or if no such trigger percentage is specified, 5.25 per cent.).

**"Capital Ratio"** means the ratio of capital to risk weighted assets applicable to the Obligation, as described in the terms thereof in effect from time to time.

**"RCA Issuer/Parent Obligation Acceleration Event"** means one or more Obligations in an aggregate amount of not less than the Default Requirement have become due and payable before they would otherwise have been due and payable as a result of, or on the basis of, the occurrence of a default, event of default or other similar condition or event (however described), other than a failure to make any required payment, in respect of the RCA Reference Entity under one or more Obligations;

**"RCA Issuer/Parent Payment Default Event"** means, after the expiration of any applicable grace period (after the satisfaction of any conditions precedent to the commencement of such grace period), the failure by a RCA Reference Entity to make, when and where due, any payments in an aggregate amount of not less than the Payment Requirement under one or more Obligations in accordance with the terms of such Obligations at the time of such failure.

If an occurrence that would constitute a RCA Issuer/Parent Payment Default Event (a) is a result of a redenomination that occurs as a result of action taken by a Governmental Authority which is of general application in the jurisdiction of such Governmental Authority and (b) a freely available market rate of conversion existed at the time of the redenomination, then such occurrence will be deemed not to constitute a RCA Issuer/Parent Payment Default Event unless the redenomination itself constituted a reduction in the rate or amount of interest, principal or premium payable (as determined by reference to such freely available market rate of conversion) at the time of such redenomination;

**"RCA Issuer/Parent Repudiation/Moratorium Event"** means the occurrence of both of the following events:

- (a) an authorised officer of the RCA Reference Entity or a Governmental Authority:
  - (i) disaffirms, disclaims, repudiates or rejects, in whole or in part, or challenges the validity of, one or more Obligations in an aggregate amount of not less than the Default Requirement; or
  - (ii) declares or imposes a moratorium, standstill, roll-over or deferral, whether de facto or de jure, with respect to one or more Obligations in an aggregate amount of not less than the Default Requirement; and

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (b) a Failure to Pay, determined without regard to the Payment Requirement, or a Restructuring, determined without regard to the Default Requirement, with respect to any such Obligation occurs on or prior to the Repudiation/Moratorium Evaluation Date;

**"RCA Issuer/Parent Restructuring Event"** means:

- (a) that, with respect to one or more Obligations and in relation to an aggregate amount of not less than the Default Requirement, any one or more of the following events occurs in a form that binds all holders of such Obligation, is agreed between the relevant RCA Reference Entity or a Governmental Authority and a sufficient number of holders of such Obligation to bind all holders of such Obligation or is announced (or otherwise decreed) by the RCA Reference Entity or a Governmental Authority in a form that binds all holders of such Obligation (including, in each case, in respect of Bonds only, by way of an exchange), and such event is not expressly provided for under the terms of such Obligation in effect as of the later of the Event Trigger Date and the date as of which such Obligation is issued or incurred:
  - (i) a reduction in the rate or amount of interest payable or the amount of scheduled interest accruals (including by way of redenomination);
  - (ii) a reduction in the amount of principal or premium payable at redemption (including by way of redenomination);
  - (iii) a postponement or other deferral of a date or dates for either (A) the payment or accrual of interest, or (B) the payment of principal or premium;
  - (iv) a change in the ranking in priority of payment of any Obligation, causing the Subordination of such Obligation to any other Obligation; or
  - (v) any change in the currency of any payment of interest, principal or premium to any currency other than the lawful currency of Canada, Japan, Switzerland, the United Kingdom and the United States of America and the euro and any successor currency to any of the aforementioned currencies (which in the case of the euro, shall mean the currency which succeeds to and replaces the euro in whole).
- (b) Notwithstanding the provisions of (a) above, none of the following shall constitute a RCA Issuer/Parent Restructuring Event:
  - (i) the payment in euros of interest, principal or premium in relation to an Obligation denominated in a currency of a Member State of the European Union that adopts or has adopted the single currency in accordance with the Treaty establishing the European Community, as amended by the Treaty on European Union;
  - (ii) the redenomination from euros into another currency, if (A) the redenomination occurs as a result of action taken by a Governmental Authority of a Member State of the European Union which is of general application in the jurisdiction of such Governmental Authority and (B) a freely available market rate of conversion between euros and such other currency existed at the time of such redenomination and there is no reduction in the rate or amount of interest, principal or premium payable, as determined by reference to such freely available market rate of conversion;
  - (iii) the occurrence of, agreement to or announcement of any of the events described in (a)(i) to (v) above due to an administrative adjustment, accounting adjustment or tax

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

adjustment or other technical adjustment occurring in the ordinary course of business;  
and

- (iv) the occurrence of, agreement to or announcement of any of the events described in (a)(i) to (v) above in circumstances where such event does not directly or indirectly result from a deterioration in the creditworthiness or financial condition of the RCA Reference Entity, provided that in respect of (a)(v) only, no such deterioration in the creditworthiness or financial condition of the RCA Reference Entity is required where the redenomination is from euros into another currency and occurs as a result of action taken by a Governmental Authority of a Member State of the European Union which is of general application in the jurisdiction of such Governmental Authority.
- (c) For the purposes of (a) and (b) above, the term "Obligation" shall be deemed to include Underlying Obligations for which the RCA Reference Entity is acting as provider of a Guarantee. In the case of a Guarantee and an Underlying Obligation, references to the RCA Reference Entity in (a) above shall be deemed to refer to the Underlying Obligor and the reference to the RCA Reference Entity in (b) above shall continue to refer to the RCA Reference Entity.
- (d) If an exchange has occurred, the determination as to whether one of the events described under (a)(i) to (v) above has occurred will be based on a comparison of the terms of the Bond immediately prior to such exchange and the terms of the resulting obligations immediately following such exchange.

Unless "Multiple Holder Obligation" is specified as not applicable in the applicable Final Terms, notwithstanding anything to the contrary in the definition of "RCA Issuer/Parent Restructuring Event" and related provisions, the occurrence of, agreement to, or announcement of, any of the events described in sub paragraph (a)(i) to (a)(v) (inclusive) thereof shall not be a RCA Issuer/Parent Restructuring Event unless the Obligation in respect of any such events is a Multiple Holder Obligation, provided that any obligation that is a Bond shall be deemed to satisfy the requirements of sub-paragraph (b) of the definition of "Multiple Holder Obligation";

**"RCA Makewhole Event"** means a RCA Issuer elects in accordance with the terms of the relevant Specified Reference Collateral Assets to redeem the Specified Reference Collateral Assets in whole or in part prior to their scheduled maturity date for an amount equal to the principal amount of such Specified Reference Collateral Assets together with a makewhole amount (howsoever described including where the amount required to be paid on redemption on account of principal is greater than par) provided that such event shall be deemed to occur as of the later of (a) the relevant event being notified to the holders of the relevant Specified Reference Collateral Assets by, or on behalf, of the relevant RCA Issuer and (b) the earlier of the Issuer or the Calculation Agent becoming aware of the occurrence of such event;

**"RCA Merger Event"** means that at any time during the period from (and including) the Trade Date to (but excluding) the RCA Maturity Date (or if Adjusted Asset Redemption Event is an applicable Early Redemption Event and RCA Call Maturity is not applicable, the RCA Call Date), the Issuer:

- (a) becomes aware that a RCA Reference Entity has consolidated or amalgamated with, or merged into, or transferred all or substantially all of its assets to, a Holder ("**RCA Reference Entity/Holder Merger**"); or

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (b) itself or the Guarantor consolidates or amalgamates with, or merges into, or transfers all or substantially all of its assets to, a RCA Reference Entity ("**RCA Reference Entity/Issuer/Guarantor Merger**");

"**RCA Nominal Amount**" means the nominal amount of Specified Reference Collateral Assets specified in the applicable Final Terms (the "**Initial RCA Nominal Amount**") provided that such nominal amount of Specified Reference Collateral Assets will be (a) reduced (i) where the Specified Reference Collateral Assets are redeemed in part only on a RCA Residual Maturity Call Option Date, RCA Maturity Call Option Date or RCA Call Date, as the case may be, by the nominal amount of the Specified Reference Collateral Assets held by the Issuer which are redeemed on such RCA Residual Maturity Call Option Date, RCA Maturity Call Option Date or RCA Call Date, as the case may be, (ii) in the same proportion as the aggregate Notional Amount of the Securities is reduced in connection with any purchase and cancellation of the Securities (subject to any adjustment in accordance with Collateral Security Condition 5.17 in connection with such purchase and cancellation), (iii) in the same proportion as the aggregate Notional Amount of the Placed Secured Securities is reduced where the BNPP Holding increases and (iv) in any other circumstances set out in these Collateral Security Conditions which envisage such a reduction, by the amount of such reduction or (b) increased in the same proportion as the aggregate Notional Amount of the Placed Secured Securities is increased where the BNPP Holding is reduced;

"**RCA Non-Call Event**" means the relevant RCA Issuer does not validly exercise (regardless of the reason) an RCA Call in accordance with the terms and conditions of the Specified Reference Collateral Assets;

"**RCA Parent**" means, in relation to any RCA Issuer, any entity that controls, directly or indirectly, the person or any entity directly or indirectly. For this purpose, "control" of any entity or person means ownership of a majority of the voting power of the entity or person;

"**RCA Payment Default Event**" means:

- (a) unless No Grace Period is specified as applicable in the applicable Final Terms, after the expiration of any applicable grace period (after the satisfaction of any conditions precedent to the commencement of such grace period):
- (i) the failure by a RCA Reference Entity to make, when and where due, any payments under the Specified Reference Collateral Assets in accordance with the terms of such Specified Reference Collateral Assets at the time of such failure; and/or
  - (ii) the occurrence of a payment default (howsoever described) in respect of any of the relevant Specified Reference Collateral Assets relating to the relevant series of Secured Securities; or
- (b) where No Grace Period is specified as applicable in the applicable Final Terms, in each case, without regard to any grace period which may be applicable with respect to the relevant Specified Reference Collateral Assets (and disregarding any terms allowing for non-payment, deferral or adjustments to any scheduled payments and any notice period in respect thereof):
- (i) the failure by a RCA Reference Entity to make, when and where due, any payments under the Specified Reference Collateral Assets in accordance with the terms of such Specified Reference Collateral Assets at the time of such failure; and/or

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (ii) the occurrence of a payment default a payment default (howsoever described) in respect of any of the relevant Specified Reference Collateral Assets relating to the relevant series of Secured Securities;

**"RCA Principal Deferral or Reduction Event"** means any deferral, postponement or reduction (in part or in full) of the scheduled repayment of principal under the relevant Specified Reference Collateral Assets as set out in the terms of the relevant Specified Reference Collateral Assets as of the Trade Date (after taking account of any applicable grace period under the terms of the relevant Specified Reference Collateral Assets and adjustments for non-business days) (a **"Principal Deferral Event"**), regardless of whether or not such Principal Deferral Event is permitted by the terms of such Specified Reference Collateral Assets or whether or not such Principal Deferral Event leads to an event of default under the terms of the Specified Reference Collateral Assets and no regard shall be had as to whether any such payment is (a) deferred or postponed for potential later payment or (b) is reduced (in part or in full) with no possibility for later payment;

**"RCA Reference Entity"** means each of the RCA Issuer, the RCA Guarantor, the RCA Parent, the Eligible Collateral Issuer or the Specified Reference Entity specified as a "RCA Reference Entity" in the applicable Final Terms;

**"RCA Regulatory Event"** means:

- (a) any event occurs as a result of action taken or announcement made by a governmental authority pursuant to, or by means of, a restructuring and resolution law or regulation or any other similar law or regulation, in any case, irrespective of whether such event is expressly provided for under the terms of the Specified Reference Collateral Assets which would cause (i) a reduction in the amount of interest payable or the amount of scheduled interest accruals (including by way of redenomination), (ii) a reduction in the amount of principal or premium payable at maturity or at scheduled redemption dates (including by way of redenomination), (iii) a postponement or other deferral of a date or dates for either (1) the payment or accrual of interest or (2) the payment of principal or premium, (iv) a change in the ranking in priority of payment of any obligation of the issuer of the Specified Reference Collateral Assets, causing the subordination of the Reference Collateral Assets to any other obligation, or (v) any change in the currency or composition of any payment of interest or principal under the Specified Reference Collateral Assets; or
- (b) any expropriation, transfer or other event which mandatorily changes the beneficial holder of the Specified Reference Collateral Assets, or a mandatory cancellation, conversion or exchange in respect of the Specified Reference Collateral Assets; or
- (c) the occurrence of any event which has an analogous effect to any of the events specified in (a) and/or (b);

**"RCA Repudiation/Moratorium Event"** means an authorised officer of the relevant RCA Issuer or any RCA Guarantor or a governmental authority disaffirms, disclaims, repudiates or rejects, in whole or in part, or challenges the validity of the Specified Reference Collateral Assets or declares or imposes a moratorium, standstill, roll-over or deferral, whether de facto or de jure, with respect to the Specified Reference Collateral Assets;

**"RCA Residual Maturity Call Option Event"** means where the relevant RCA Issuer has the right to redeem the Specified Reference Collateral Assets in whole or in part prior to their scheduled maturity date for an amount equal to the principal amount of such Specified Reference Collateral Assets together with a makewhole amount (howsoever described including where the amount required to be paid on

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

redemption on account of principal is greater than par) and it also has a right to redeem the Specified Reference Collateral Assets at any time from a certain date prior to their scheduled redemption date (the **"RCA Residual Maturity Call Option Date"**) at an amount equal to the nominal amount of the Specified Reference Collateral Assets plus accrued interest (the **"RCA Residual Maturity Call Option"**) and the RCA Issuer exercises the RCA Residual Maturity Call Option;

**"RCA Restructuring Event"** means the Calculation Agent determines that, on or after the Event Trigger Date, any of the following has occurred in respect of the relevant Specified Reference Collateral Assets:

- (a) any event (by way of change to the actual terms and conditions applicable to the Specified Reference Collateral Assets or by way of exchange of the Specified Reference Collateral Assets with another asset) which would cause (1) a reduction in the amount of interest payable or the amount of scheduled interest accruals, (2) a reduction in the amount of principal or premium payable at maturity or at scheduled redemption dates, (3) a postponement or other deferral of a date or dates for either (I) the payment or accrual of interest or (II) the payment of principal or premium, (4) a change in the ranking in priority of payment of any obligation of the issuer of the Specified Reference Collateral Assets, causing the subordination of the Specified Reference Collateral Assets to any other obligation or any change in the currency or composition of any payment of interest or principal under the Reference Collateral Assets; or
- (b) any expropriation, transfer or other event which mandatorily changes the beneficial holder of the Specified Reference Collateral Assets or a cancellation, conversion or compulsory exchange of the Specified Reference Collateral Assets; or
- (c) any event analogous to the events specified in (a) and/or (b);

**"RCA Tax Event"** means on or after the Event Trigger Date, (a) due to the adoption of any change in any applicable law or regulation (including, without limitation, any tax law) or (b) due to the promulgation of or any change in the interpretation by any court, tribunal or regulatory authority with competent jurisdiction of any applicable law or regulation (including any action taken by a taxing authority or brought in a court of competent jurisdiction), either (i) any amount is required to be deducted or withheld for or on account of any tax, levy, impost, duty, charge, assessment or fee of any nature imposed by any government or other taxing authority in respect of any payment to be received by the Issuer under one or more Specified Reference Collateral Asset or (ii) the Issuer becomes obliged to pay any amount for or on account of any tax, levy, impost, duty, charge, assessment or fee of any nature imposed by any government or other taxing authority in respect of (A) any payment received by the Issuer under one or more Specified Reference Collateral Asset or (B) holding, acquiring or disposing of any Specified Reference Collateral Asset;

**"Realisation Amount"** means the Collateral Proceeds Share due in respect of a Secured Security, less a pro rata share of any Priority Amounts due in respect of the relevant series of Secured Securities;

**"Received Collateral"** means Reference Collateral Assets which have been transferred to the Collateral Exchange Counterparty by the Issuer pursuant to the Collateral Exchange Agreement in respect of which the Collateral Exchange Counterparty has not transferred Equivalent Securities;

**"Record Date"** has the meaning given to it in Collateral Security Condition 9;

**"Redeemed Amount"** means where a Certificate is to be redeemed in part only, the portion of the Notional Amount of the Certificate which is being redeemed;

**"Redemption Date"** has the meaning given to it in Collateral Security Condition 8.1;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Reference Collateral Assets"** means the securities which are specified in the applicable Final Terms as the Reference Collateral Assets for the relevant Collateral Pool and fall within the definition of Eligible Collateral in the Eligible Collateral Annex;

**"Reference Collateral Assets Grace Period"** means the number of Business Days specified as such in the applicable Final Terms;

**"Reference Collateral Assets MTM Event"** means the bid price (exclusive of accrued interest) in respect of Specified Reference Collateral Assets with an aggregate nominal amount outstanding equal to the aggregate nominal amount outstanding of the Specified Reference Collateral Assets in the Collateral Pool relating to the relevant series of Secured Securities (express as a percentage of the face value of such relevant Specified Reference Collateral Assets) is equal to or less than the Collateral Trigger Percentage, as determined in accordance with the MTM Trigger Valuation Method;

**"Reference Collateral Credit Event"** means, in relation to a RCA Reference Entity, the occurrence of any of the events specified as "Reference Collateral Credit Events" in the Final Terms which may include any one or more of Bankruptcy, Failure to Pay, Restructuring, Repudiation/Moratorium, Obligation Acceleration, Obligation Default, and/or Governmental Intervention and if an occurrence would otherwise constitute a Reference Collateral Credit Event, such occurrence will constitute a Reference Collateral Credit Event whether or not such occurrence arises directly or indirectly from, or is subject to a defence based upon:

- (a) any lack or alleged lack of authority or capacity of the relevant RCA Reference Entity to enter into any Obligation or, as applicable, an Underlying Obligor to enter into any Underlying Obligation;
- (b) any actual or alleged unenforceability, illegality, impossibility or invalidity with respect to any Obligation or, as applicable, any Underlying Obligation, however described;
- (c) any applicable law, order, regulation, decree or notice, however described, or the promulgation of, or any change in, the interpretation by any court, tribunal, regulatory authority or similar administrative or judicial body with competent or apparent jurisdiction of any applicable law, order, regulation, decree or notice, however described; or
- (d) the imposition of, or any change in, any exchange controls, capital restrictions or any other similar restrictions imposed by any monetary or other authority, however described;

**"Reference Collateral Credit Event Notice"** means an irrevocable notice from the Calculation Agent (which may be in writing (including by facsimile and/or email) and/or by telephone) to the Issuer stating that a Reference Collateral Credit Event has occurred. The Reference Collateral Credit Event Notice shall describe a Reference Collateral Credit Event that occurred on or after the Event Trigger Date and on or prior to the Extension Date. If so specified in the applicable Final Terms, a Reference Collateral Credit Event Notice shall also cite Publicly Available Information confirming the occurrence of the Reference Collateral Credit Event, provided that where an Event Determination Date has occurred pursuant to sub-paragraph (b) of the definition thereof, a reference to the relevant DC Credit Event Announcement shall suffice. If so specified in the applicable Final Terms, such notice must contain a copy, or a description in reasonable detail of the relevant Publicly Available Information. The Reference Collateral Credit Event that is the subject of the Reference Collateral Credit Event Notice need not be continuing on the date the Reference Collateral Credit Event Notice is effective. Where "Multiple Credit Event Notices" is specified as being applicable in the applicable Final Terms:

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (a) the Calculation Agent may serve multiple Reference Collateral Credit Event Notices with respect to an M(M)R Restructuring setting forth the amount (the "**Exercise Amount**") of the relevant Reference Entity Notional Amount in respect of which the Collateral Credit Event Notice applies (which may be less than the Notional Amount outstanding of the Securities), provided that if the Reference Collateral Credit Event Notice does not specify an Exercise Amount, the then outstanding Reference Entity Notional Amount (and not a portion thereof) will be deemed to have been specified as the Exercise Amount;
- (b) the Exercise Amount in connection with a Reference Collateral Credit Event Notice describing a Reference Collateral Credit Event which is a M(M)R Restructuring must be an amount that is at least 1,000,000 units of the currency (or if Japanese yen, 100,000,000 units) in which the Reference Entity Notional Amount is denominated or any integral multiple thereof or the entire Reference Entity Notional Amount; and
- (c) Collateral Security Condition 5.11 shall be applicable.

A Reference Collateral Credit Event Notice that describes a Reference Collateral Credit Event other than an M(M)R Restructuring must be in respect of the full Reference Entity Notional Amount;

**"Reference Collateral Currency"** means the currency in which the Reference Collateral Assets are denominated;

**"Reference Collateral Currency Equivalent"** means in respect of any amount, where the relevant series of Secured Securities and the relevant Reference Collateral Assets are denominated in the same currency, such amount or, where the relevant Reference Collateral Assets and the Secured Securities are denominated in different currencies, the equivalent in the relevant Reference Collateral Currency of such amount (which may be determined by applying one or more fixed exchange rate set out in the relevant Swap Agreement to the currency amount in which the relevant series of Secured Securities is denominated);

**"Reference Obligation"** means the Standard Reference Obligation, if any, unless:

- (a) "Standard Reference Obligation" is specified as not applicable in relation to a RCA Reference Entity, in which case the Reference Obligation will be the Non-Standard Reference Obligation, if any; or
- (b) (i) "Standard Reference Obligation" is specified as applicable in relation to a Reference Entity (or no election is specified in relation to a RCA Reference Entity), (ii) there is no Standard Reference Obligation and (iii) a Non-Standard Reference Obligation is specified in relation to a RCA Reference Entity, in which case the Reference Obligation will be (A) the Non-Standard Reference Obligation to but excluding the first date of publication of the Standard Reference Obligation and (B) the Standard Reference Obligation from such date onwards, provided that the Standard Reference Obligation that is published would have been eligible to be selected as a Substitute Reference Obligation.

If the Standard Reference Obligation is removed from the SRO List, such obligation shall cease to be the Reference Obligation (other than for purposes of the "Not Subordinated" Obligation Characteristic) and there shall be no Reference Obligation unless and until such obligation is subsequently replaced on the SRO List, in which case, the new Standard Reference Obligation in respect of the RCA Reference Entity shall constitute the Reference Obligation.

**"Reference Partial Redemption"** has the meaning given to it in Collateral Security Condition 5.11;



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Reference Partial Redemption Amount"** has the meaning given to it in Collateral Security Condition 5.11;

**"Reference Price"** means:

- (a) if "Average Market" is specified in the applicable Final Terms, the unweighted arithmetic mean (rounded to the nearest one-hundredth of one per cent.), to be determined by the Swap Calculation Agent at, or about, 11:00 am (Tokyo time) on the Calculation Date, of the firm bid prices for any combination of Specified Obligations selected by the Calculation Agent in a principal amount equal to the Notional Amount outstanding of the Securities (or the Reference Partial Redemption Amount, as the case may be) as quoted by the Specified Number of Dealers who shall be selected by the Calculation Agent provided that, if there are more than three quotations, the Reference Price shall be calculated without reference to the highest and lowest quotes, and if there is more than one highest or lowest quote, without reference to one of them, and provided that if at least the Minimum Number of Quotations are not available, the Calculation Agent shall seek to obtain one firm bid price from BNP Paribas which shall be the Reference Price. If BNP Paribas will not provide such quotation, the Reference Price shall be zero. All determinations hereunder shall be final and binding upon all parties;
- (b) if "Highest" is specified in the applicable Final Terms, the highest (rounded to the nearest one-hundredth of one per cent.), to be determined by the Calculation Agent at, or about, 11:00 am (London time) on the Calculation Date, of the firm bid prices for any combination of Specified Obligations selected by the Calculation Agent in a principal amount equal to the Notional Amount outstanding of the Securities (or the Reference Partial Redemption Amount, as the case may be) as quoted by the Specified Number of Dealers who shall be selected by the Calculation Agent Provided that if at least the Minimum Number of Quotations are not available, the Calculation Agent shall seek to obtain one firm bid price from BNP Paribas which shall be the Reference Price. If BNP Paribas will not provide such quotation, the Reference Price shall be zero. All determinations hereunder shall be final and binding upon all parties; or
- (c) if "Average Highest" is specified in the applicable Final Terms, the unweighted arithmetic mean of the two highest (rounded to the nearest one-hundredth of one per cent.), to be determined by the Calculation Agent at, or about, 11.00 am (London time) on the Calculation Date, of the firm bid prices for any combination of Specified Obligations selected by the Calculation Agent in a principal amount equal to the Notional Amount outstanding of the Securities (or the Reference Partial Redemption Amount, as the case may be) as quoted by the Specified Number of Dealers who shall be selected by the Calculation Agent and provided that if at least the Minimum Number of Quotations are not available, the Calculation Agent shall seek to obtain one firm bid price from BNP Paribas which shall be the Reference Price. If BNP Paribas will not provide such quotation, the Reference Price shall be zero. All determinations hereunder shall be final and binding upon all parties;

**"Related Agreement"** means each Swap Agreement, Repurchase Agreement and/or Collateral Exchange Agreement entered into by the Issuer with the relevant Related Agreement Counterparty in connection with a series of Secured Securities;

**"Related Agreement Counterparty"** means the relevant Swap Counterparty, Repo Counterparty and/or the Collateral Exchange Counterparty, as the context requires;

**"Related Agreement Counterparty Default"** means an Early Redemption Event has occurred which is a Related Agreement Termination Event and (a) the Collateral Exchange Counterparty is the defaulting

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

party under the Collateral Exchange Agreement and/or (b) where the Collateral Exchange Counterparty and the Swap Counterparty are the same entity, the Swap Counterparty is the Defaulting Party (as defined in the relevant Swap Agreement) under the Swap Agreement;

**"Related Agreement Termination Event"** means the early termination of any Swap Agreement (or any other agreement specified as a Related Agreement in the Final Terms) entered into in respect of the Securities other than (a) where the Issuer is the Defaulting Party (as defined in the relevant Swap Agreement or Repurchase Agreement, as the case may be) thereunder and the relevant event of default relates to the insolvency of the Issuer or (b) the termination results from an event of default under the Securities or (c) the termination is due to the purchase by the Issuer of all the outstanding Securities of a series;

**"Repayable Assets"** has the meaning given to it in Collateral Security Condition 5.7;

**"Replacement Collateral Assets"** are the securities which are specified to be Replacement Collateral Assets in the applicable Final Terms and fall within the definition of Eligible Collateral in the Eligible Collateral Annex;

**"Replacement Cost Amount"** means, as determined by the Calculation Agent, an amount in the Repo Contractual Currency that the Repo Counterparty reasonably determines in good faith to be its total losses and costs (in which case such amount shall be payable by the Issuer to the Repo Counterparty) or gain (in which case such amount shall be payable by the Repo Counterparty to the Issuer) in connection with the termination of the Repurchase Agreement and the series of Repo Transactions, including any loss or bargain, cost of funding or, at the election of the Repo Counterparty but without duplication, loss or cost incurred as a result of its terminating, liquidating, obtaining or re-establishing any hedge or related trading position (or any gain resulting from any of them), and includes losses and costs (or gains) in respect of any payment or delivery required to have been made (assuming satisfaction of each applicable condition precedent) on or before the final Repurchase Date and not made as a result of the termination of the Repurchase Agreement. The Repo Counterparty may (but need not) refer to quotations of relevant rates or prices from one or more leading dealers in the relevant markets in determining such amount, provided that the absolute value of such amount determined by Repo Counterparty shall not exceed the Repurchase Price in respect of the last Repo Transaction under the Repurchase Agreement prior to the termination thereof;

**"Repo Contractual Currency"** means the contractual currency of the relevant Repurchase Agreement;

**"Repo Counterparty"** means the entity specified as such in the applicable Final Terms;

**"Repo Counterparty Priority of Payments"** means the Collateral Enforcement Proceeds or the Collateral Assets (where Physical Delivery of Collateral is applicable) shall be used by the French Collateral Security Agent to make payments and/or, where Physical Delivery of Collateral is applicable, deliveries in the following order of priority (in each case only if and to the extent that payments of a higher priority have been made in full):

- (a) first, to pay, to the extent required to meet any termination payment (if any) due to the Repo Counterparty under the Repurchase Agreement which payment obligation will equal the amount (if any) by which such Collateral Enforcement Proceeds (determined on the basis that the Collateralised Percentage is 100 per cent) exceed the Repurchase Price then payable by the Repo Counterparty;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (b) secondly, to pay any Enforcement Expenses to the French Collateral Security Agent and/or any appointee or agent thereof or any receiver appointed in connection with the relevant Collateral Pool;
- (c) thirdly, to pay to the Repo Counterparty any other amounts due thereto under the Repurchase Agreement which are not paid under paragraph (a) above;
- (d) fourthly, rateably to pay the claims (if any) of the Swap Counterparty under each Swap Agreement relating to the Securities. If the moneys or, if applicable, Collateral Assets, received by the French Collateral Security Agent are not enough to pay such amounts in full, the French Collateral Security Agent shall apply them pro rata on the basis of the amount due to each party entitled to such payment;
- (e) fifthly, to pay the aggregate Security Termination Amounts due in respect of the relevant Secured Securities and/or where Physical Delivery of Collateral is applicable, to deliver the aggregate applicable Delivery Shares due in respect of the relevant Secured Securities; and
- (f) sixthly, to pay the balance (if any) to the Issuer;

**"Repo Transaction"** means each Transaction as such term is defined in the Repurchase Agreement;

**"Repurchase Agreement"** means the repurchase agreement entered into by the Issuer with the relevant Repo Counterparty in respect of the relevant series of Secured Securities;

**"Repurchase Agreement Termination Payment"** means, as determined by the Calculation Agent in relation to any Repurchase Agreement, the termination payment due either from the Issuer to the Repo Counterparty or from the Repo Counterparty to the Issuer upon termination of such Repurchase Agreement in accordance with the terms thereof, which shall, in circumstances where the Repo Counterparty is not the Defaulting Party (as defined in the Repurchase Agreement), include any Replacement Cost Amount;

**"Repurchase Date"** means each date on which the Repo Counterparty purchases Equivalent Securities to securities it has sold under the Repurchase Agreement;

**"Repurchase Price"** has the meaning given to such term in the Repurchase Agreement;

**"Residual Additional Proceeds Amount"** means the Additional Proceeds Amount remaining after deduction of an amount equal to the part (if any) of such proceeds which are used to pay Priority Amounts;

**"Residual Credit Support Proceeds"** means the Credit Support Sale Proceeds (if any) remaining after deduction of an amount equal to the part (if any) of such proceeds which are used to pay Priority Amounts;

**"Residual Proceeds Amount"** has the meaning given to it in Collateral Security Condition 7.5;

**"Residual Shortfall"** has the meaning given to it in Collateral Security Condition 11;

**"Rounding Amount"** means has the meaning given to such term in Collateral Security Condition 7.5;

**"Scheduled Final Bond Payment"** means the amount scheduled to be paid by the relevant RCA Issuer(s) in respect of the nominal amount of the Specified Reference Collateral Assets held by the Issuer on the relevant Scheduled Final Bond Payment Date or, where there is more than one Specified Reference Collateral Asset, the aggregate of such amounts payable by the relevant RCA Issuers on the relevant

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Scheduled Final Bond Payment Date(s) or, where RCA Maturity Call is applicable and the Final RCA Maturity Call Option Date falls prior to the Scheduled Final Bond Payment Date, the amount scheduled to be paid by the relevant RCA Issuer in accordance with the terms of the Specified Reference Collateral Assets (as at the Trade Date) in respect of the nominal amount of the Reference Collateral Assets held by the Issuer on the Final RCA Maturity Call Option Date;

**"Scheduled Final Bond Payment Date"** means the date specified as the RCA Maturity Date in the applicable Final Terms or such other date as specified in the applicable Final Terms on which the Specified Reference Collateral Assets are scheduled to be redeemed in accordance with the terms of the Specified Reference Collateral Assets (as at the Trade Date) by payment of the Scheduled Final Bond Payment;

**"Scheduled Payment Date"** has the meaning given to it in Collateral Security Condition 9;

**"Scheduled RCA Interest Payment Date"** means, in respect of any Specified Reference Collateral Assets, the RCA Interest Payment Dates specified for such Specified Reference Collateral Assets in the applicable Final Terms (as adjusted for non-business days in accordance with the terms and conditions of the Specified Reference Collateral Assets (as at the Trade Date)) and/or any other date on which a payment of an RCA Interest Amount is scheduled to be received by the Issuer in accordance with the terms and conditions of the Specified Reference Collateral Assets (as at the Trade Date);

**"Scheduled Redemption Date"** means the date specified as such in the applicable Final Terms;

**"Secured Parties"** means the French Collateral Security Agent for itself and on behalf of the Masse and each Related Agreement Counterparty or such parties specified in the applicable Final Terms;

**"Secured Securities MTM Event"** means the bid price (exclusive of accrued interest) in respect of the outstanding Secured Securities (express as a percentage of the Notional Amount of such Secured Securities) is equal to or less than the Collateral Trigger Percentage, as determined in accordance with the MTM Trigger Valuation Method;

**"Secured Security Highest Value"** means, if Secured Security Highest Value is specified as applicable in the applicable Final Terms, the greater of (a) the fair market value of a Certificate or, as the case may be, Redeemed Amount (where the fair market value of a Certificate or Redeemed Amount, as the case may be, shall be equal to such Certificate's *pro rata* share of the Unadjusted Liquidation Proceeds calculated with respect to the relevant Early Redemption Event or event which leads to the partial redemption of the Certificates) (notwithstanding any illegality (if applicable) and taking into account any Additional Disruption Event, Optional Additional Disruption Event, Index Adjustment Event, Custom Index Adjustment Event, Extraordinary Event, Commodity Index Adjustment Event, Market Disruption Event, Index Cancellation, Extraordinary Fund Event, Fund Index Adjustment Event, RCA Merger Event, as applicable, where an Annex Early Redemption Event has occurred) and (b) the Protected Amount specified in the applicable Final Terms or, as the case may be, the proportionate share of such Protected Amount, provided that, (x) no costs shall be deducted from such amount and (y) such amount shall include the reimbursement by the Issuer (calculated from the Early Redemption Date notified to the Holders until the scheduled Redemption Date of the Certificates), of any costs or, as the case may be, proportionate share of such costs (including but not limited to any structuring costs) paid by Holders to the Issuer in the Issue Price of the Certificates, such amount to be paid to the Holders on the date notified to the Holders in the Early Redemption Notice;

**"Secured Security Market Value"** means, if Secured Security Market Value is specified as applicable in the applicable Final Terms, the fair market value of a Certificate or, as the case may be, Redeemed Amount (where the fair market value of a Certificate or Redeemed Amount, as the case may be, shall be

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

equal to such Certificate's *pro rata* share of the Unadjusted Liquidation Proceeds calculated as with respect to the relevant Early Redemption Event or event which leads to the partial redemption of the Certificate) (notwithstanding the illegality (if applicable) and taking into account any Additional Disruption Event, Optional Additional Disruption Event, Index Adjustment Event, Custom Index Adjustment Event, Extraordinary Event, Commodity Index Adjustment Event, Market Disruption Event, Index Cancellation, Extraordinary Fund Event, Fund Index Adjustment Event, RCA Merger Event, as applicable, where an Annex Early Redemption Event has occurred) calculated (x) without taking account of any costs and no costs shall be deducted from such amount and (y) including the reimbursement by the Issuer, *pro rata* (calculated from the Early Redemption Date notified to the Holders until the scheduled Redemption Date of the Certificates), of any costs or, as the case may be, proportionate share of such costs (including but not limited to any structuring costs) paid by Holders to the Issuer in the Issue Price of the Certificates, such an amount to be paid to the Holders on the date notified in the Early Redemption Notice.

**"Secured Security Monetisation Option"** means, if Secured Security Monetisation Option, is specified as applicable in the applicable Final Terms:

- (a) the Secured Security Monetisation Amount (as defined below) (including the reimbursement by the Issuer, *pro rata* (calculated from the relevant Early Redemption Date notified to the Holders until the scheduled Redemption Date of the Certificates), of any costs or, as the case may be, proportionate share of such costs (including but not limited to any structuring costs) paid by Holders to the Issuer in the Issue Price of the Certificates), such amount to be paid by the Issuer (notwithstanding the Early Redemption Notice) on the Redemption Date; or
- (b) if the Holder duly elects to receive the fair market value, as provided in Collateral Security Condition 5.15, the Secured Security Market Value of such Certificate, such amount to be paid by the Issuer on the date fixed for early redemption, as notified to the Holders.

For the purposes of this definition:

**"Secured Security Monetisation Amount"** means, in respect of a Certificate, an amount equal to the greater of the Protected Amount specified in the applicable Final Terms and the amount calculated by the Calculation Agent as follows:

$$(S + D) \times (1 + r)^n$$

Where:

**"S"** is the present value of the Protected Amount of such Certificate on the date on which the event triggering early redemption occurs;

**"D"** is the market value of the Derivative Component on the date on which the event triggering early redemption occurs;

**"r"** is a hypothetical annual interest rate that would be applied on an equivalent hypothetical debt instrument issued by the Issuer (or the Guarantor, as applicable) with the same time to redemption as the remaining time to redemption on the Certificates from the date fixed for early redemption until the scheduled redemption date of the Certificates;

**"n"** is the time remaining until the scheduled redemption date of the Certificates, expressed as a number of years; and

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Derivative Component"** means the option component or embedded derivative in respect of the outstanding aggregate Notional Amount of the Certificates or the interest amount due under the Certificates, as applicable, in order to enable the Issuer to issue the Certificates at the issue price and on their applicable terms. The value of the Derivative Component will be determined by the Calculation Agent, taking into account a number of factors, including, but not limited to:

- (i) market prices or values for the underlying reference asset(s) or basis (bases) and other relevant economic variables (such as interest rates; dividend rates; financing costs; the value, price or level of any relevant underlying reference asset(s) or basis (bases) and any futures or options relating to any of them; the volatility of any relevant underlying reference asset(s) or basis (bases); and exchange rates (if applicable));
- (ii) the time remaining until the scheduled redemption date of the Certificates;
- (iii) internal pricing models; and
- (iv) prices at which other market participants might bid for the Derivative Component;

**"Security Agreement"** means each of the Pledge Agreement, the French Collateral Security Agency and Pledge Agreement, any Additional Security Document and/or Alternative Security Document applicable to the relevant series of Secured Securities;

**"Security Delivery Cash Amount"** means, in respect of a Secured Security, a pro rata share in respect of such Secured Security of the aggregate of the Residual Additional Proceeds Amount, the Residual Proceeds Amount and the Residual Credit Support Proceeds in respect of the relevant series of Secured Securities;

**"Security Interests"** means any pledge, other encumbrance or security interest created under a Security Agreement;

**"Security Realised Amount"** is as defined in Collateral Security Condition 7.4;

**"Security Termination Amount"** means, in respect of a Secured Security, an amount determined by the Collateral Calculation Agent equal to:

- (a) if Nominal Value Realisation Proceeds is specified in the applicable Final Terms, the Realisation Amount of the relevant Secured Security subject to a maximum amount equal to the nominal value of such Secured Security;
- (b) if Realisation Proceeds is specified in the applicable Final Terms, the Realisation Amount in respect of the relevant Secured Security;
- (c) if Partial Nominal Value Realisation Proceeds is specified in the applicable Final Terms, the Realisation Amount in respect of the Secured Security subject to a maximum amount equal to the product of (i) the nominal value of such Secured Security and (ii) the Collateralisation Level applicable to the relevant series of Secured Securities;
- (d) if Physical Delivery of Collateral is applicable, the sum of the Security Delivery Cash Amount and the relevant Rounding Amount relating to such Secured Security; or
- (e) if Security Value Termination Amount is specified in the applicable Final Terms, the MTM Value of such Secured Security;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

**"Senior Obligation"** means any obligation which is not Subordinated to any unsubordinated Borrowed Money obligation of the RCA Reference Entity;

**"Senior Transaction"** means a RCA Reference Entity for which (a) the Reference Obligation or Prior Reference Obligation, as applicable, is a Senior Obligation, or (b) there is no Reference Obligation or Prior Reference Obligation;

**"Seniority Level"** means, with respect to an obligation of the relevant RCA Reference Entity, (a) "Senior Level" or "Subordinated Level" as specified in respect of the relevant RCA Reference Entity, or (b) if no such seniority level is specified in respect of the RCA Reference Entity, "Senior Level" if the Original Non-Standard Reference Obligation is a Senior Obligation or "Subordinated Level" if the Original Non-Standard Reference Obligation is a Subordinated Obligation, failing which (c) "Senior Level";

**"Shortfall"** is as defined in Collateral Security Condition 7.4;

**"Similar RCA Reference Entity"** means an entity with an equivalent Rating or an equivalent credit risk (if no Rating is available with respect to the relevant RCA Reference Entity), and as secondary criteria geographic and Transaction Type proximity to such RCA Reference Entity (if such RCA Reference Entity were the subject of a single name credit default swap traded on market standard terms);

**"Similar Specified Reference Collateral Assets"** means securities issued by the Similar RCA Reference Entity with an equivalent Rating or an equivalent credit risk (if no Rating is available with respect to the relevant Specified Reference Collateral Assets) to the Specified Reference Collateral Assets, which mature prior to the Redemption Date and which have a ranking in priority of payment equivalent to the Specified Reference Collateral Assets which are the subject of the relevant RCA Merger Event;

**"Specified Number of Dealers"** means the number of dealers specified in the applicable Final Terms;

**"Specified Obligations"** means the securities specified as such in the applicable Final Terms;

**"Specified Reference Entity"** is the entity specified as such in the applicable Final Terms;

**"Specified Reference Collateral Assets"** means, in respect of a series of Secured Securities, the Reference Collateral Assets in a Collateral Pool which are specified in the applicable Final Terms as the "Reference Collateral Assets" for such series;

**"Standard Early Redemption Amount"** means a *pro rata* share of an amount, subject to a minimum of zero, equal to the Collateral Sale Proceeds plus (a) the sum of (i) any Swap Agreement Termination Payment received by the Issuer from the Swap Counterparty, (ii) where applicable, any Repurchase Agreement Termination Payment received by the Issuer from the Repo Counterparty and (iii) where applicable, any Collateral Exchange Agreement Termination Payment received by the Issuer from the Collateral Exchange Counterparty less (b) any Early Redemption Costs;

**"Standard Early Redemption Event"** means the occurrence of one or more of the following events:

- (a) Annex Early Redemption Event;
- (b) Asset Payment Default Event;
- (c) Asset Default Event;
- (d) Asset Redemption Event;
- (e) Asset Payment Shortfall Event;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (f) RCA Change in Law Event;
- (g) RCA Regulatory Event;
- (h) RCA Repudiation/Moratorium Event;
- (i) RCA Restructuring Event;
- (j) RCA Tax Event;
- (k) RCA Interest Deferral or Reduction Event;
- (l) RCA Principal Deferral or Reduction Event;
- (m) RCA Issuer Bankruptcy Event; and
- (n) Related Agreement Termination Event;

**"Successor"** means in respect of a RCA Issuer, any successor entity which assumes the Reference Collateral Assets or, if there is more than one such successor entity, the successor entity which assumes the highest proportion of the outstanding principal amount of such Reference Collateral Assets as determined by the Calculation Agent, provided that if more than one successor entity assumes such highest proportion of such Reference Collateral Assets, the successor entity shall be determined by the Calculation Agent in a commercially reasonable manner provided further that if one or more of RCA Issuer/Parent Bankruptcy Event, RCA Issuer/Parent Payment Default Event, RCA Issuer Bond Failure to Pay Event, RCA Issuer Bond Restructuring Event, RCA Issuer/Parent Restructuring Event, RCA Issuer/Parent Governmental Intervention Event, RCA Issuer/Parent Obligation Acceleration Event and RCA Issuer/Parent Repudiation/Moratorium Event applies to an RCA Reference Entity in respect of the relevant series of Secured Securities, such successor(s) in respect of the relevant RCA Referencing Entity shall be determined as if the RCA Reference Entity were a Reference Entity for the purposes of Annex 12 (Additional Terms and Conditions for Credit Securities) and shall be determined as if the terms of Annex 12 (Additional Terms and Conditions for Credit Securities) were set out in full in this Annex 13 for the purposes of determining such successor;

**"Suspension Event"** means the Calculation Agent determines that facts exist which may (assuming the expiration of any applicable grace period) amount to (a) an Asset Payment Default Event (disregarding any terms allowing for non-payment, deferral or adjustments to any scheduled payments and any notice period in respect thereof) in respect of any relevant Specified Reference Collateral Assets (where Asset Payment Default Event is specified as an Early Redemption Event in respect of the relevant Secured Securities) or (b) an Asset Default Event in respect of any relevant Specified Reference Collateral Asset (where Asset Default Event is specified as an Early Redemption Event in respect of the relevant Secured Securities) or (c) an RCA Payment Default Event as if No Grace Period had been specified in the applicable Final Terms (and disregarding any terms allowing for non-payment, deferral or adjustments to any scheduled payments and any notice period in respect thereof) in respect of any relevant Specified Reference Collateral Assets (where RCA Payment Default Event is specified as an Early Redemption Event in respect of the relevant Secured Securities);

**"Suspension Period"** means the period commencing on the Suspension Period Start Date and with a duration equal to:

- (a) if no period is specified in the applicable Final Terms as the Suspension Period, the longer of
  - (i) ten Business Days and
  - (ii) the grace period applicable to the relevant Specified Reference



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Collateral Assets (determined in accordance with the terms and conditions of the relevant Specified Reference Collateral Assets); or

- (b) the period specified in the applicable Final Terms as the Suspension Period;

**"Suspension Period Start Date"** means the date on which the Calculation Agent determines that a Suspension Event has occurred;

**"Swap Agreement"** means the swap agreement entered into by the Issuer with the relevant Swap Counterparty in respect of the Secured Securities;

**"Swap Agreement Termination Payment"** means the termination payment due between the Issuer and the Swap Counterparty upon early termination of the Swap Agreement(s) (in whole or in part) calculated in accordance with the terms of the relevant Swap Agreement provided that where Recovery Access is specified to be not applicable in the applicable Final Terms and (i) where Extinguisher of All Swap Flows is specified to be applicable, there will be no termination payment due from either party under the relevant Swap Agreement(s) or (ii) where Extinguisher of All Swap Flows is not specified as applicable, any termination payment which would otherwise be due from the Issuer to the Swap Counterparty in respect of the relevant Swap Agreement(s) shall be deemed to be equal to zero;

**"Swap Business Days"** means the days on which commercial banks and foreign exchange markets settle payments and are open for general business (including dealings in foreign exchange and foreign currency deposits) in the cities specified in the applicable Final Terms, and/or where TARGET2 Settlement Day is specified, a day on which the Trans-European Automated Real-Time Gross Settlement Express Transfer (TARGET2) payment system is open;

**"Swap Counterparty"** means the entity specified as such in the applicable Final Terms;

**"Swap Counterparty Priority of Payments"** means the Collateral Enforcement Proceeds or the Collateral Assets (where Physical Delivery of Collateral is applicable) shall be used by the French Collateral Security Agent to make payments and/or, where Physical Delivery of Collateral is applicable, deliveries in the following order of priority (in each case only if and to the extent that payments of a higher priority have been made in full):

- (i) first, to pay any Enforcement Expenses to the French Collateral Security Agent and/or any appointee or agent thereof or any receiver appointed in connection with the relevant Collateral Pool;
- (ii) secondly, rateably to pay the claims (if any) of the Swap Counterparty under each Swap Agreement relating to the relevant series of Secured Securities and the Collateral Exchange Counterparty under Collateral Exchange Agreement relating to the relevant series of Secured Securities. If the moneys or, if applicable, Collateral Assets, received by the French Collateral Security Agent are not enough to pay such amounts in full, the French Collateral Security Agent shall apply them pro rata on the basis of the amount due to each party entitled to such payment;
- (iii) thirdly, to pay the aggregate Security Termination Amounts due in respect of the relevant Secured Securities and/or where Physical Delivery of Collateral is applicable, to deliver the aggregate applicable Delivery Shares due in respect of the relevant Secured Securities; and
- (iv) fourthly, to pay the balance (if any) to the Issuer;

**"Swap Counterparty Priority of Payments – Subordination Flip"** means the Collateral Enforcement Proceeds or the Collateral Assets (where Physical Delivery of Collateral is applicable) shall be used by

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

the French Collateral Security Agent to make payments and/or, where Physical Delivery of Collateral is applicable, deliveries in the following order of priority (in each case only if and to the extent that payments of a higher priority have been made in full):

- (i) first, to pay any Enforcement Expenses to the French Collateral Security Agent and/or any appointee or agent thereof or any receiver appointed in connection with the relevant Collateral Pool;
- (ii) secondly, rateably to pay the claims (if any) of the Swap Counterparty under each Swap Agreement relating to the relevant series of Secured Securities unless the Swap Agreement(s) are terminated as a result of an Event of Default (as defined in the Swap Agreement(s)) where the Swap Counterparty is the Defaulting Party (as defined in the Swap Agreement(s)), in which case the amount of such claims shall be payable in accordance with clause (iv) below. If the moneys or, if applicable, Collateral Assets, received by the French Collateral Security Agent are not enough to pay such amounts in full, the French Collateral Security Agent shall apply them pro rata on the basis of the amount due to each party entitled to such payment;
- (iii) thirdly, to pay the aggregate Security Termination Amounts due in respect of the relevant Secured Securities and/or where Physical Delivery of Collateral is applicable, to deliver the aggregate applicable Delivery Shares due in respect of the relevant Secured Securities;
- (iv) fourthly, if the Swap Agreement(s) are terminated as a result of an Event of Default (as defined in the Swap Agreement(s)) where the Swap Counterparty is the Defaulting Party (as defined in the Swap Agreement(s)), rateably in meeting the claims (if any) of the Swap Counterparty under each Swap Agreement relating to the relevant series of Secured Securities. If the moneys or, if applicable, the Collateral Assets, received by the French Collateral Security Agent are not enough to pay such amounts in full, the French Collateral Security Agent shall apply them pro rata on the basis of the amount due to each party entitled to such payment; and
- (v) fifthly, to pay the balance (if any) to the Issuer;

**"Swap MTM Event"** means that the price that would be payable from the Issuer to the Swap Counterparty (expressed as a percentage of the notional amount of the Swap Agreement) were the Swap Agreement to be terminated is greater than or equal to the Collateral Trigger Percentage, as determined in accordance with the MTM Trigger Valuation Method;

**"Tax Liability"** means any deduction or withholding on account for tax, levy, impost, duty or other charge or withholding of a similar nature which is payable in respect of payments or holding of the Specified Reference Collateral Assets determined by reference to the law applicable (or the official interpretation thereof) as at the Trade Date;

**"Transaction Type"** means, unless otherwise specified in the Final Terms, each "Transaction Type" specified as such in the Physical Settlement Matrix from time to time. Where a Transaction Type is specified in the Final Terms in respect of any Reference Entity, then the provisions of these Collateral Security Conditions shall apply with respect to such RCA Reference Entity in accordance with the Physical Settlement Matrix as it applies to such Transaction Type, as though such Physical Settlement Matrix were set out in full in the Final Terms;

**"Triparty Services Agent"** means the party specified as such in the applicable Final Terms;

**"Unadjusted Liquidation Proceeds"** shall be an amount equal to the Charged Asset Proceeds after the deduction of any Swap Termination Payment due to be paid to the Swap Counterparty under the Swap

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Agreement and/or the Collateral Exchange Agreement Termination Payment due to be paid to the Collateral Exchange Counterparty under the Collateral Exchange Agreement (if any);

**"Unadjusted Proceeds"** shall be an amount equal to the Charged Assets Proceeds after the deduction of any Swap Termination Payment due to be paid to the Swap Counterparty under the Swap Agreement and/or the Collateral Exchange Agreement Termination Payment due to be paid to the Collateral Exchange Counterparty under the Collateral Exchange Agreement (if any) but without deduction of costs other than such costs that are unavoidable to redeem the Secured Securities early;

**"Uncollateralised Percentage"** means, on the Initial Posting Date for a series of Secured Securities, the quotient of the aggregate Notional Amount of the Secured Securities which are part of the BNPP Holding divided by the aggregate Notional Amount of the Secured Securities of such series of Secured Securities, expressed as a percentage;

**"Undeliverable Collateral Assets"** means Collateral Assets which the French Collateral Security Agent (or its agent) is unable to deliver in accordance with Collateral Security Condition 7.6 due to the occurrence of a Collateral Settlement Disruption Event;

**"Undelivered Reference Collateral Assets"** means, in respect of a series of Secured Securities, those Relevant Assets which the Issuer or any of its Affiliates have not delivered to the Holders as a result of the occurrence of a Settlement Disruption Event; and

**"Underlying Obligation"** means, with respect to a guarantee, the obligation which is the subject of the guarantee.

### 1.2 Interpretation

The following terms and the defined terms referred to in such terms shall have the meaning given to them in Annex 12 (Additional Terms and Conditions for Credit Securities) provided that for the purposes of these Collateral Security Conditions only (a) any reference therein to a Reference Entity shall be deemed to be a reference to the relevant RCA Reference Entity or RCA Reference Entities, (b) any reference to "Deliverable Obligations" or "Physical Settlement Date" shall be ignored, (c) any references to "Credit Event" shall be deemed to be a reference to "Early Redemption Event", (d) any references to "Credit Event Backstop Date" shall be deemed to be a reference to the applicable Event Trigger Date (e) any references to "Financial Reference Entity Terms" shall be deemed to be a reference to "Financial Entity Terms", (f) any references to "Governmental Intervention" shall be deemed to be a reference to "RCA Issuer/Parent Governmental Intervention Event", (g) any references to Credit Securities shall be deemed to be references to Notional Value Repack Securities provided that where a term is specified in these Collateral Security Conditions to be defined as set out in Annex 12, it shall have the meaning specified for such term in Annex 12 (Additional Terms and Conditions for Credit Securities), (h) where Essential Trigger is specified as applicable in the applicable Final Terms, "Hedging Link Provisions" shall be deemed to be not applicable where used in any such term in Annex 12 (Additional Terms and Conditions for Credit Securities), (i) unless "NTCE Provisions" is specified as not applicable in the applicable Final Terms or the relevant RCA Reference Entity is a Sovereign, the terms set out in Credit Security 12 (2019 Narrowly Tailored Credit Event Provisions) shall apply with respect to each Early Redemption Event (where such Early Redemption Event is applicable to the relevant series of Secured Securities) which is set out in the definition of Obligor Early Redemption Event and, in connection therewith, for the purposes of construing the definition of RCA Issuer/Parent Payment Default Event (where applicable), each reference in Credit Security 12(b) to "Failure to Pay" shall be deemed to be a reference to "RCA Issuer/Parent Payment Default Event" and (j) if any Early Redemption Event set out in the definition of Obligor Early Redemption Event is applicable to the relevant series of Secured Securities, and in

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

accordance with the specified Transaction Type or otherwise, any Additional Provisions are applicable, these Collateral Security Conditions shall take effect subject to the provisions thereof:

Additional Provisions, Bankruptcy, Bond, Bond or Loan, Borrowed Money, Credit Derivatives Determinations Committee, Credit Event Backstop Date, Credit Event Resolution Request Date, DC Credit Event Question Dismissal, DC No Credit Event Announcement, DC Secretary, Domestic Currency, Event Determination Date, Excluded Obligation, Exercise Amount, Failure to Pay, Governmental Intervention, Guarantee, Listed, Loan, M(M)R Restructuring, Non-Standard Reference Obligation, Not Domestic Currency, Not Domestic Issuance, Not Domestic Law, Notice Delivery Period, Not Sovereign Lender, Not Subordinated, Obligation Acceleration, Outstanding Principal Balance, Payment, Physical Settlement Matrix, Potential Failure To Pay, Potential Repudiation/Moratorium, Prior Reference Obligation, Publicly Available Information, Qualifying Affiliate Guarantee, Qualifying Guarantee, Reference Entity Notional Amount, Reference Obligation Only, Relevant Guarantee, Relevant Obligations, Repudiation/Moratorium, Repudiation/Moratorium Evaluation Date, Resolve, Restructuring, Rules, Sovereign, Specified Currency, SRO List, Standard Reference Obligation, Subordinated, Substitute Reference Obligation and Underlying Obligor.

### 2. General

#### 2.1 French Collateral Security Agent

The French Collateral Security Agent in respect of the Secured Securities shall be the entity so specified as French collateral security agent in the applicable Final Terms and subject to the terms of the French Collateral Security Agency and Pledge Agreement. The expression "French Collateral Security Agent" shall, in relation to the relevant Secured Securities, include such other specified French collateral security agent.

#### 2.2 Security Agreements

The French Collateral Security Agency and Pledge Agreement will be governed by French law. The Pledge Agreement will, unless otherwise specified in the applicable Final Terms, be governed by Luxembourg law and Security Conditions 14.1 and 14.2 shall be construed accordingly. Any Alternative Security Document or Additional Security Document will be governed by the law specified in the applicable Final Terms.

#### 2.3 Determinations and Modifications

Security Condition 6 shall not apply. None of the Issuer, the Guarantor (if applicable), the Calculation Agent, the Euroclear Registrar (if applicable) and any Security Agent shall have any responsibility for any errors or omissions (to the extent permitted by any applicable law) in the calculation of any Cash Settlement Amount or of any Entitlement unless, in the case of Italian Securities, such errors or omissions are due to its own wilful misconduct or gross negligence.

The purchase of Securities does not confer on any Holder of such Securities any rights (whether in respect of voting, distributions or otherwise) attaching to any Specified Reference Collateral Asset.

In making any election, modification, determination or adjustment, the Issuer or the Calculation Agent, as applicable, will act in good faith and in a commercially reasonable manner, to preserve or restore the economics of the agreed terms, as far as reasonably practicable. Any such election, modification, determination or adjustment shall not create a significant imbalance between the rights and obligations of the Issuer compared to the Holders, to the detriment of the Holders.

## **ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES**

If Essential Trigger is specified as applicable in the applicable Final Terms, the Issuer or the Calculation Agent, as the case may be, may only modify or adjust the terms of the Certificates (other than modifications or adjustments that do not relate to essential characteristics of the Certificates) or exercise its discretion to redeem the Certificates prior to their scheduled Redemption Date, as described in the Terms and Conditions, following an event or circumstance (or combination of events or circumstances) that (a) is not attributable to the Issuer and significantly alters the economics of the Certificates compared to the economics as of the Issue Date, or (b) constitutes a force majeure.

For the purpose of this Collateral Security Condition 2.3, essential characteristics of the Certificates means characteristics of the Certificates that are considered essential to the Holders generally, including without limitation the yield (coupon structure), the Underlying Reference, the principal protected amount (if any), the identity of the Issuer and of the Guarantor and the scheduled Redemption Date.

### **2.4 Collateral Calculation Agent**

In relation to each issue of Secured Securities, the Collateral Calculation Agent (whether it be BNP Paribas, BNP Paribas Arbitrage S.N.C. or another entity) acts solely as agent of the Issuer and the Guarantor or following the occurrence of an Enforcement Event, the French Collateral Security Agent, and does not assume any obligation or duty to, or any relationship of agency or trust for or with, the Holders. All calculations and determinations made in respect of the Secured Securities by the Collateral Calculation Agent shall (save in the case of manifest error) be final, conclusive and binding on the Issuer, the Guarantor, the Holders and the French Collateral Security Agent. Because the Collateral Calculation Agent may be an Affiliate of the Issuer, potential conflicts of interest may exist between the Collateral Calculation Agent and the Holders, including with respect to certain determinations and judgments that the Collateral Calculation Agent must make.

The Collateral Calculation Agent may, with the consent of the Issuer, delegate any of its obligations and functions to a third party as it deems appropriate.

If Essential Trigger is specified as applicable in the applicable Final Terms, the following shall apply:

- (a) in making any election, modification, determination or adjustment, the Collateral Calculation Agent, will act in good faith and in a commercially reasonable manner, to preserve or restore the economics of the agreed terms, as far as reasonably practicable. Any such election, modification, determination or adjustment shall not create a significant imbalance between the rights and obligations of the Issuer compared to the Holders, to the detriment of the Holders; and
- (b) the Collateral Calculation Agent may only modify or adjust the terms of the Certificates (other than modifications or adjustments that do not relate to essential characteristics of the Certificates) or exercise discretion to redeem the Certificates prior to their scheduled Redemption Date, as described in the Terms and Conditions, following an event or circumstance (or combination of events or circumstances) that (i) is not attributable to the Issuer and that significantly alters the economics of the Certificates compared to the economics as of the Issue Date, or (ii) constitutes a force majeure.

For the purpose of this Collateral Security Condition 2.4, essential characteristics of the Certificates means characteristics of the Certificates that are considered essential to the Holders generally, including without limitation the yield (coupon structure), the Underlying Reference, the principal protected amount (if any), the identity of the Issuer and of the Guarantor and the scheduled Redemption Date.

## **3. Status of the Secured Securities, Security and Guarantee**

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

### 3.1 Status

Security Condition 3 shall not apply to the Secured Securities. The Secured Securities are unsubordinated and secured limited recourse obligations of the Issuer which rank pari passu among themselves and are secured in the manner described in Collateral Security Condition 3.2 and recourse of which is limited in the manner described in Collateral Security Condition 7.2 and Collateral Security Condition 11.

### 3.2 Security

The obligations of the Issuer in respect of the Secured Securities will be secured by one or more pledge agreements between the Issuer and the French Collateral Security Agent (each a "**Pledge Agreement**") pursuant to which the Issuer will grant a first ranking security interest in favour of the French Collateral Security Agent, for itself and the Secured Parties which are to be secured by the relevant Collateral Pool, over all the Issuer's rights in, and, to the Collateral Assets (if any) delivered to each of the Collateral Custodians appointed in respect of the relevant Collateral Pool and held from time to time in the relevant account(s) established with the Collateral Custodian(s) for such purpose (such account(s), the "**Collateral Account**"). In addition to a Pledge Agreement, the Issuer will enter into a French Collateral Security Agency and Pledge Agreement with the French Collateral Security Agent to, inter alia, grant security over its rights under the Charged Agreement(s) in favour of the French Collateral Security Agent for itself and on behalf of the Secured Parties. In addition to, or as an alternative to, a Pledge Agreement, the Issuer may also enter into an Additional Security Document or Alternative Security Document in respect of a Collateral Pool as specified in the applicable Final Terms in order to secure its obligations in respect of the Secured Securities.

### 3.3 Transfer of Collateral Assets

Save where the applicable Final Terms specify that there are no Reference Collateral Assets in respect of a series of Secured Securities, the Issuer will transfer into the Collateral Account on the Initial Posting Date and, subject to Collateral Security Condition 3.5, Collateral Security Condition 3.8, Collateral Security Condition 3.9 and Collateral Security Condition 5.17, hold in such account on any day thereafter:

- (a) the Specified Reference Collateral Assets with the RCA Nominal Amount specified in the applicable Final Terms (as such amount is adjusted from time to time in accordance with the definition of RCA Nominal Amount); or
- (b) where "Collateralisation Level" – Partial Collateralisation Level is specified as applicable in the applicable Final Terms, an aggregate nominal amount of Collateral Assets, at least equal to the Reference Collateral Currency Equivalent of the product of (i) the aggregate Notional Amount of the Secured Securities on such date (or, if so specified in the applicable Final Terms, on the Trade Date) and (ii) the Collateralisation Level; or
- (c) where a Repurchase Agreement has been entered into in connection with the relevant series of Secured Securities, Collateral Assets with a marked to market value (as adjusted by any Haircut) at least equal to the Reference Collateral Currency Equivalent of the product of (i) the aggregate Notional Amount of the Secured Securities on such date and (ii) the Collateralisation Level. Where a Repurchase Agreement is entered into in respect of a series of Secured Securities, the Issuer shall withdraw the relevant Collateral Assets from the Collateral Account on the relevant repurchase date and deliver these to the Repo Counterparty and it will receive from the Repo Counterparty the relevant repurchase price in respect of the Repo Transaction. Where, on the relevant repurchase date, the Issuer enters into a further Repo Transaction with the Repo

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Counterparty, it will receive Collateral Assets with a marked to market value (as adjusted by any Haircut) at least equal to the Reference Collateral Currency Equivalent of the product of (i) aggregate Notional Amount of the Secured Securities on such date and (ii) the Collateralisation Level and pay the relevant purchase price for such Collateral Assets.

### 3.4 Collateral Pools

Where the Final Terms in respect of a series of Secured Securities specify that "Single Series Pool" will be applicable to the series of Secured Securities, such series of Secured Securities will be the only series of Secured Securities to be secured by the relevant Collateral Pool. Where the Final Terms specify that "Multiple Series Pool" will be applicable to the relevant series of Secured Securities, such series of Secured Securities will be secured by a Collateral Pool which may secure more than one series of Secured Securities.

### 3.5 No collateralisation of Secured Securities held by the Issuer or any of its Affiliates where Group Collateralisation is not applicable

Where Group Collateralisation is specified as not applicable in the applicable Final Terms:

- (a) the Issuer will not deliver Collateral Assets to the Collateral Account on the Initial Posting Date in respect of Secured Securities where the Issuer or any of its Affiliates are the beneficial owner of such Secured Securities (i) in an aggregate nominal amount equal to the product of the Uncollateralised Percentage and an aggregate nominal amount of the relevant Specified Reference Collateral Assets equal to the Initial RCA Nominal Amount or, (ii) where a Repurchase Agreement is a Related Agreement, with an aggregate market value equal to the product of (x) the Uncollateralised Percentage, (y) the aggregate Notional Amount of the Secured Securities and (z) the Collateralisation Level provided that, subject to Collateral Security Condition 3.8, Collateral Security Condition 3.9 and Collateral Security Condition 5.17, the Issuer shall always hold in the Collateral Account (or, where Settlement Grace Period and/or Additional Settlement Grace Period are specified as applicable in the applicable Final Terms, shall hold in the Collateral Account by the end of the applicable Reference Collateral Assets Grace Period and/or, as the case may be, the end of the applicable Additional Reference Collateral Assets Grace Period):

- (A) an aggregate nominal amount of Collateral Assets; or

- (B) where a Repurchase Agreement is a Related Agreement, an amount of Collateral Assets having an aggregate marked to market value,

at least equal, at any time, to the Reference Collateral Currency Equivalent (using, where applicable, the same foreign exchange rate as used to calculate the initial nominal amount of the Specified Reference Collateral Assets which is the Initial RCA Nominal Amount) of the product of (1) the aggregate Notional Amount of the Placed Secured Securities and (2) the Collateralisation Level;

- (b) where the Issuer or any of its Affiliates acquires Secured Securities after the Initial Posting Date, on the Placed Secured Securities Decrease Date, the Issuer will be entitled to withdraw Collateral Assets from the Collateral Account:
  - (i) with an aggregate nominal amount equal to the product of the Collateralisation Reduction Percentage and the aggregate nominal amount of the relevant Specified

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Reference Collateral Assets immediately prior to such Placed Secured Securities Decrease Date; or,

- (ii) where a Repurchase Agreement is a Related Agreement, with an aggregate market value equal to the product of the aggregate Notional Amount of the Secured Securities so acquired and the applicable Collateralisation Level,

provided that, subject to Collateral Security Condition 3.8, Collateral Security Condition 3.9 and Collateral Security Condition 5.17, the Issuer shall always hold in the Collateral Account (or, where Settlement Grace Period and/or Additional Settlement Grace Period are specified as applicable in the applicable Final Terms, shall hold in the Collateral Account by the end of the applicable Reference Collateral Assets Grace Period and/or, as the case may be, the end of the applicable Additional Reference Collateral Assets Grace Period):

- (A) an aggregate nominal amount of Collateral Assets; or

- (B) where a Repurchase Agreement is a Related Agreement, an amount of Collateral Assets having an aggregate marked to market value,

at least equal, at any time, to the Reference Collateral Currency Equivalent (using, where applicable, the same foreign exchange rate as used to calculate the initial nominal amount of the Specified Reference Collateral Assets which is the Initial RCA Nominal Amount) of the product of (1) the aggregate Notional Amount of the Placed Secured Securities (after the decrease in the number of the Placed Secured Securities) and (2) the Collateralisation Level; and

- (c) on each Additional Posting Date, the Issuer will acquire additional Collateral Assets (and transfer such additional Collateral Assets into the Collateral Account):

- (i) with an aggregate nominal amount equal to the product of the Collateralisation Increase Percentage and the nominal amount of the relevant Specified Reference Collateral Assets held in respect of the Placed Secured Securities immediately prior to such Placed Secured Securities Increase Date; or

- (ii) where a Repurchase Agreement is a Related Agreement, with an aggregate market value equal to the product of the aggregate Notional Amount of the number of Secured Securities no longer forming part of the BNPP Holding and the applicable Collateralisation Level,

provided that, subject to Collateral Security Condition 3.8, Collateral Security Condition 3.9 and Collateral Security Condition 5.17, the Issuer shall always hold in the Collateral Account (or, where Settlement Grace Period and/or Additional Settlement Grace Period are specified as applicable in the applicable Final Terms, shall hold in the Collateral Account by the end of the applicable Reference Collateral Assets Grace Period and/or, as the case may be, the end of the applicable Additional Reference Collateral Assets Grace Period):

- (A) an aggregate nominal amount of Collateral Assets; or

- (B) where a Repurchase Agreement is a Related Agreement, an amount of Collateral Assets having an aggregate marked to market value,

at least equal, at any time, to the Reference Collateral Currency Equivalent (using, where applicable, the same foreign exchange rate as used to calculate the initial nominal amount of the Specified Reference Collateral Assets which is the Initial RCA Nominal Amount) of the product



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

of (1) the aggregate Notional Amount of the Placed Secured Securities (after the increase in the number of the Placed Secured Securities) and (2) the Collateralisation Level.

Following an Enforcement Event or an Early Redemption Event, the Issuer will procure that it and/or the Affiliate of the Issuer that holds the Secured Securities will renounce and waive all rights (including as to payment) in respect of such Secured Securities and shall submit such Secured Securities for cancellation free of payment. Where Group Collateralisation is specified as not applicable any amounts calculated for the purposes of these Collateral Security Conditions (other than this Collateral Security Condition 3.5) shall be calculated on the basis that any reference to Secured Securities shall be a reference to Placed Secured Securities only and the definitions in Collateral Security Condition 1 shall be construed accordingly.

### 3.6 Claim on Guarantor

In the event that the Issuer fails to make payment of the Shortfall, the Guarantor will on demand (without first requiring the Holder to take further steps against the Issuer or any other person) pay to each Holder in respect of each Secured Security held by him, an amount equal to the Shortfall in the currency in which the Shortfall is payable by the Issuer.

### 3.7 Status of Guarantee

The Guarantee is a senior preferred obligation (within the meaning of Article L.613-30-3-I-3° of the French *Code monétaire et financier*) and unsecured obligation of BNPP and will rank *pari passu* with all its other present and future senior preferred and unsecured obligations subject to such exceptions as may from time to time be mandatory under French law. Secured Securities in respect of which these Collateral Security Conditions are specified as applicable in the relevant Final Terms shall be deemed not to be "Securities" for the purposes only of the Deed of Guarantee for Unsecured Securities dated on or around 1 June 2022, or the French Law Guarantee for Unsecured Securities dated on or around 1 June 2022, entered into, in each case, by BNPP in respect of securities (other than Secured Securities) issued by the Issuer under its note, warrant and certificate programme.

### 3.8 Collateral Exchange

The Issuer may enter into a Collateral Exchange Agreement with the Collateral Exchange Counterparty and:

- (a) where Collateral Exchange Agreement – Two Way Transfer is specified as applicable in the applicable Final Terms, when required by the Collateral Exchange Counterparty under the terms of the relevant Collateral Exchange Agreement, the Issuer shall be entitled to withdraw some or all of the relevant Specified Reference Collateral Assets from the Collateral Account and transfer such Specified Reference Collateral Assets to the Collateral Exchange Counterparty against delivery of Replacement Collateral Assets with a marked to market value at least equal to the product of the Over Collateralisation Level and the marked to market value of such Specified Reference Collateral Assets which are being withdrawn provided that for the purposes of the applicable Early Redemption Events, the relevant RCA Issuer, RCA Guarantor and, if applicable, the RCA Parent shall be deemed to be the RCA Issuer, RCA Guarantor and, if applicable the RCA Parent in respect of the Reference Collateral Assets notwithstanding the transfer of the Reference Collateral Assets under the Collateral Exchange Agreement. In accordance with the terms of the relevant Collateral Exchange Agreement, prior to the redemption of the relevant series of Secured Securities and provided that no Early Redemption Event or Event of Default occurs, the Collateral Exchange Counterparty will transfer Equivalent Securities in respect of the Reference Collateral Assets to the Issuer and the Issuer will transfer

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Equivalent Securities in respect of the Replacement Collateral Assets to the Collateral Exchange Counterparty. Where a Collateral Exchange Agreement is specified as applicable in the applicable Final Terms and an Early Redemption Event occurs which does not result from a Related Agreement Counterparty Default, save where Collateral Physical Settlement is applicable in respect of the relevant Early Redemption Event, any reference to the Collateral Sale Proceeds and the sale of the Collateral Assets shall be deemed to be a reference to a sale of the Issuer's rights under the Collateral Exchange Agreement to receive Equivalent Securities in respect of the Reference Collateral Assets and to the proceeds from such sale where such rights shall be the subject of such sale rather than the securities themselves in accordance with Collateral Security Condition 5.3 and Collateral Security Condition 5.3 shall be construed accordingly. Upon the early termination of the Collateral Exchange Agreement where Collateral Physical Settlement is applicable in respect of an Early Redemption Event and no Related Agreement Counterparty Default has occurred, the Collateral Exchange Counterparty will use commercially reasonable efforts to transfer the equivalent securities in respect of the Received Collateral to the Issuer in accordance with the provisions of the Collateral Exchange Agreement and, the Issuer will transfer equivalent securities in respect of the Replacement Collateral Assets to the Collateral Exchange Counterparty. Where the Collateral Exchange Counterparty is unable (after using commercially reasonable efforts) to transfer Equivalent Securities in respect of all or part of the Received Collateral to the Issuer in accordance with the provisions of the Collateral Exchange Agreement, an amount will be payable by the Collateral Exchange Counterparty to the Issuer as described in Collateral Security Condition 5.4 in lieu of such delivery;

- (b) where Collateral Exchange Agreement – One Way Transfer Securities Lending is specified as applicable in the applicable Final Terms, when required by the Collateral Exchange Counterparty under the terms of the relevant Collateral Exchange Agreement, the Issuer shall be entitled to withdraw some or all of the relevant Specified Reference Collateral Assets from the Collateral Account and deliver such Specified Reference Collateral Assets to the Collateral Exchange Counterparty provided that for the purposes of the applicable Early Redemption Events, the relevant RCA Issuer, RCA Guarantor and, if applicable, the RCA Parent shall be deemed to be the RCA Issuer, RCA Guarantor and, if applicable the RCA Parent in respect of the Reference Collateral Assets notwithstanding the transfer of the Reference Collateral Assets under the Collateral Exchange Agreement. In accordance with the terms of the relevant Collateral Exchange Agreement, prior to the redemption of the relevant series of Secured Securities and provided that no Early Redemption Event or Event of Default occurs, the Collateral Exchange Counterparty will transfer Equivalent Securities in respect of the Reference Collateral Assets to the Issuer;
- (c) Where Collateral Exchange Agreement – Triparty Transfer is specified as applicable in the applicable Final Terms, when required by the Collateral Exchange Counterparty under the terms of the relevant Collateral Exchange Agreement, the Issuer shall withdraw some or all of the relevant Specified Reference Collateral Assets from the Collateral Account and transfer such Specified Reference Collateral Assets to the Collateral Exchange Counterparty against delivery of Replacement Collateral Assets with a marked to market value at least equal to the product of the Over Collateralisation Level and the marked to market value of such Specified Reference Collateral Assets which are being withdrawn (as calculated by the Triparty Services Agent) provided that for the purposes of the applicable Early Redemption Events, the relevant RCA Issuer, RCA Guarantor and, if applicable, the RCA Parent shall be deemed to be the RCA Issuer, RCA Guarantor and, if applicable the RCA Parent in respect of the Reference Collateral Assets notwithstanding the transfer of the Reference Collateral Assets under the Collateral Exchange

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Agreement. In accordance with the terms of the relevant Collateral Exchange Agreement, prior to the redemption of the relevant series of Secured Securities and provided that no Early Redemption Event or Event of Default occurs, the Collateral Exchange Counterparty, will procure the transfer of Equivalent Securities in respect of the Reference Collateral Assets to the Issuer and the Triparty Services Agent, on behalf of the Issuer, will transfer Equivalent Securities in respect of the Replacement Collateral Assets to the Collateral Exchange Counterparty. Where a Collateral Exchange Agreement is specified as applicable in the applicable Final Terms and an Early Redemption Event occurs which does not result from a Related Agreement Counterparty Default, save where Collateral Physical Settlement is applicable in respect of the relevant Early Redemption Event, any reference to the Collateral Sale Proceeds and the sale of the Collateral Assets shall be deemed to be a reference to a sale of the Issuer's rights under the Collateral Exchange Agreement to receive Equivalent Securities in respect of the Reference Collateral Assets and to the proceeds from such sale where such rights shall be the subject of such sale rather than the securities themselves in accordance with Collateral Security Condition 5.3 and Collateral Security Condition 5.3 shall be construed accordingly. Where Collateral Exchange Agreement – Triparty Transfer applies to a series of Secured Securities, the Issuer may enter into one or more additional agreements with, inter alios, the Collateral Exchange Counterparty and/or the Triparty Services Agent in addition to the Collateral Exchange Agreement itself and any reference herein to the Collateral Exchange Agreement shall be construed accordingly so as to include such additional agreements save that any termination of such additional agreements shall not constitute a Related Agreement Termination Event.

### 3.9 Credit Support Obligations

Where the Issuer enters into a Credit Support Document with a Swap Counterparty, it may be required to transfer some or all of the relevant Collateral Assets relating to a series of Secured Securities to the Swap Counterparty in order to comply with its obligations under such Credit Support Document but shall not at any time be required to transfer any more than the aggregate amount of Collateral Assets that it holds at such time.

### 3.10 Collateral Substitution by the Swap Counterparty

Where this Collateral Security Condition 3.10 is specified as being applicable in the applicable Final Terms then the Specified Reference Collateral Assets may be substituted in whole or part by the Swap Counterparty provided that no Event of Default has occurred. If applicable, the applicable Final Terms will specify whether the Swap Counterparty (i) may substitute the Specified Reference Collateral Assets in its discretion from time to time or (ii) will be obliged to substitute the Specified Reference Collateral Assets where the Specified Reference Collateral Assets are redeemed in whole or in part for any reason (other than upon an Early Redemption Event in relation to which the Issuer has served an Early Redemption Notice, but including upon its stated maturity save where the maturity or redemption of the Collateral Assets falls within two calendar weeks prior to the Redemption Date of the Securities).

The Swap Counterparty may substitute the Specified Reference Collateral Assets (including, for the avoidance of doubt, any redemption proceeds following the redemption of the Reference Collateral Assets) for (in each case, the "**Qualifying Collateral**"):

- (a) either (i) securities denominated in the Specified Currency issued by the Eligible Collateral Issuer ("**Eligible Collateral Issuer Obligations**") or (ii) Specified Obligations where "Dual Substitution" is specified as applicable in the applicable Final Terms; or

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (b) Eligible Collateral Issuer Obligations where "Single Substitution" is specified in the applicable Final Terms; or
- (c) such other securities which constitute Eligible Collateral in the currency in which the existing Specified Reference Collateral Assets is expressed to be payable where "Alternative Substitution" is specified in the Final Terms.

The Qualifying Collateral to be substituted must be in a principal amount equal (or, if in another currency, the equivalent to the principal amount of the currency in which the Specified Reference Collateral Assets being substituted are expressed to be payable, as determined on the date of such substitution by the Swap Counterparty in its sole discretion) to the then principal amount of Specified Reference Collateral Assets (or, in the case of a substitution or redemption of part only of the Specified Reference Collateral Assets, of the relevant proportion thereof as at the date of such substitution).

The relevant Qualifying Collateral which may be substituted for the relevant Specified Reference Collateral Assets, shall be delivered by the Swap Counterparty to the Collateral Custodian.

By making any substitution pursuant to this Collateral Security Condition 3.10, the Swap Counterparty shall be deemed to agree with the Issuer and the French Collateral Security Agent that its obligations under the Swap Agreement shall continue in full force and effect irrespective of such substitution and that no termination or adjustment to its obligations thereunder shall occur as a consequence of such substitution.

The relevant Collateral Assets to be substituted shall, provided that the conditions for substitution referred to in this Collateral Security Condition 3.10 are met, be automatically released from the security created in respect of them under the Security Agreements. The Issuer, the French Collateral Security Agent (at the request and cost of the Issuer) and the Swap Counterparty will upon such substitution enter into such further documentation as may be required (if at all) by any applicable law and/or as may be required to give effect to the creation of security over any replacement securities, in the manner set out in this Collateral Security Condition 3.10. The French Collateral Security Agent shall have no obligation to monitor the Collateral Assets held in the Collateral Account at any time or to verify whether any substituted Specified Reference Collateral Assets constitute Qualifying Collateral, and shall have no obligation to investigate whether any substitution has been effected in accordance with this Collateral Security Condition 3.10.

After any substitution, references in these Collateral Security Conditions and the Security Agreements to Specified Reference Collateral Assets shall be construed as references to the Specified Reference Collateral Assets as substituted then comprised in the Charged Assets and references to "Charged Assets" shall be deemed to include any additional assets or rights charged or assigned in favour of the French Collateral Security Agent pursuant to such substitution.

If "Notice of Substitution" is specified as applicable in the applicable Final Terms, the Issuer shall give notice of any substitution under this Condition 3.10 to Holders in accordance with Security Condition 10.

Where this Collateral Security Condition 3.10 applies and "Notice of Substitution" is not specified as applicable in the applicable Final Terms, the French Collateral Security Agent and any Holders may on any Business Day require the Issuer to notify them of the composition of the Collateral Assets at such time.

### 3.11 Transfer of Specified Reference Collateral Assets upon termination of the Swap Agreement

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Where the applicable Final Terms specify that the relevant series of Secured Securities is a SB/JGB Repackaging, upon termination of a Swap Agreement, the Swap Counterparty will, in addition to any other amount payable upon such termination (if any), either:

- (a) where the Secured Securities are to be redeemed by payment of an amount under Collateral Security Condition 5.9 or Collateral Security Condition 5.10 calculated by reference to the Reference Price, pay the Issuer an amount equal to the product of the Notional Amount outstanding of the Secured Securities and the Reference Price; or
- (b) where the Secured Securities are to be redeemed by delivery of Specified Obligations pursuant to Collateral Security Condition 5.9 or Collateral Security Condition 5.10, deliver Specified Obligations, the subject of such Swap Agreement, in a nominal amount equal to the Notional Amount outstanding of the Secured Securities (or, where Collateral Security Condition 5.11 is applicable, the lesser of the Notional Amount outstanding of the Secured Securities and the relevant Reference Partial Redemption Amount),

in both cases against delivery of the Specified Reference Collateral Assets or, where applicable, the redemption proceeds thereof (or in the case of a partial redemption pursuant to Collateral Security Condition 5.11, against delivery of Specified Reference Collateral Assets (or the redemption proceeds thereof) with a nominal amount equal to the relevant Reference Partial Redemption Amount) to the Swap Counterparty by or on behalf of the Issuer;

### 3.12 Related Agreements

The Issuer may enter into one or more Related Agreement(s) including a Swap Agreement. Under the Swap Agreement payments will be made on Swap Business Days. Where in the applicable Final Terms any of the Repurchase Agreement, Swap Agreement or Collateral Exchange Agreement are specified to be not applicable, references in these Collateral Security Conditions to such document or agreement and to any Swap Counterparty, Repo Counterparty or Collateral Exchange Counterparty, as the case may be, shall not be applicable.

### 3.13 Currency Conversion

Where any Collateral Assets which are denominated in a currency other than the Specified Currency (such other currency the "**Other Currency**") are sold in accordance with Collateral Security Condition 5 or Collateral Security Condition 7 or the Issuer receives any amounts in an Other Currency which are to be paid to the Holders, such amounts will be converted into the Specified Currency at an exchange rate determined by the Calculation Agent in a commercially reasonable manner (in the case of Collateral Security Condition 5) or by the French Collateral Security Agent or any agent of the French Collateral Security Agent (in the case of Collateral Security Condition 7) at the market rate available to the French Collateral Security Agent in each case immediately prior to the payment of the relevant amount to the Holders.

### 3.14 Swap Counterparty Call Option

Where Swap Counterparty Call is specified as applicable in the applicable Final Terms, under the Swap Agreement, on the Call Exercise Date, the Swap Counterparty shall have an option to terminate the Swap Agreement without the payment of a termination payment by either party on the Optional Redemption Date. Following service by the Swap Counterparty of a notice that it has elected to terminate the Swap Agreement in whole or in part on the Call Exercise Date, the Issuer shall redeem the Certificates in accordance with Collateral Security Condition 8.3, subject to the occurrence of an Early Redemption Event or Event of Default. Where the relevant Reference Collateral Assets are to be transferred to the

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Swap Counterparty against payment of an amount equal to the relevant Optional Redemption Amount (and any accrued and unpaid interest on the Certificates), such Reference Collateral Assets shall be automatically released from the security created in respect of them under the Security Agreements to allow such transfer to the Swap Counterparty.

### 4. Guarantee

Subject as provided below and in the relevant Guarantee, BNPP has unconditionally and irrevocably guaranteed to each Holder that, if, following the occurrence of an Enforcement Event and enforcement of the Security Interests in respect of the relevant Collateral Pool and the calculation of the relevant Security Termination Amount, for any reason the Issuer does not pay the Security Termination Amount in respect of a Secured Security in full and, where Physical Delivery of Collateral is applicable, is deemed not to have paid the Calculated Security Termination Amount in respect of a Secured Security in full, BNPP will not later than five Paris Business Days (as defined in the relevant Guarantee) after a demand has been made on BNPP pursuant thereto (without requiring the relevant Holder first to take steps against the Issuer or any other person) pay an amount equal to the Shortfall in the currency in which such payment is due in immediately available funds as though BNPP were the principal obligor in respect of such obligation provided that BNPP shall not be obliged to make any payment under this Guarantee in respect of a Secured Security until the Collateral Assets in the Collateral Pool securing such Secured Security have been realised or liquidated in full and distributed in the manner set out in Collateral Security Condition 7 and/or where, Physical Delivery of Collateral is applicable, the Latest Delivery Date has occurred.

### 5. Early Redemption

#### 5.1 Early Redemption Events

Where any Early Redemption Events are applicable to a series of Securities, then each Security shall be redeemed early by the Issuer in accordance with this Collateral Security Condition 5 following the delivery of an Early Redemption Notice by, or on behalf of, the Issuer at its Early Redemption Amount on the Early Redemption Date or, where Collateral Physical Settlement is applicable in respect of the relevant Early Redemption Event, redeemed early by the Issuer in accordance with this Collateral Security Condition 5 following the delivery of an Early Redemption Notice by, or on behalf of, the Issuer by delivery of the Early Redemption Delivery Share applicable to such Security and payment of a pro rata share of any Early Residual Proceeds Amount provided that Secured Securities which are specified to be SB/JGB Repackagings will be redeemed in accordance with Collateral Security Condition 5.9 or Collateral Security Condition 5.10, as applicable and provided further that where Asset Redemption Event is an applicable Early Redemption Event in respect of a series of Securities and RCA Call Event and/or RCA Makewhole Event are applicable Early Redemption Events, where the Specified Reference Collateral Assets are redeemed early in circumstances which would constitute both an Asset Redemption Event and a RCA Call Event and/or a RCA Makewhole Event, as applicable, such redemption shall be treated as a RCA Call Event or RCA Makewhole Event, as the case may be, rather than an Asset Redemption Event.

#### 5.2 Sale or delivery of Collateral Assets

Following the occurrence of an Early Redemption Event and delivery of an Early Redemption Notice, save where Collateral Physical Settlement is applicable in respect of the relevant Early Redemption Event, the Issuer shall as soon as reasonably practicable arrange for the sale of the Specified Reference Collateral Assets (and in connection therewith may appoint an agent to assist it in arranging such sale, a "**Collateral Disposal Agent**") in accordance with Collateral Security Condition 5.3 provided that, where

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

the relevant Early Redemption Event which has occurred is a RCA Early Call Event, an Adjusted Asset Redemption Event or an Asset Redemption Event unless Collateral Sale is specified as applicable in respect of such Early Redemption Event in the applicable Final Terms, the Issuer or any Collateral Disposal Agent (on its behalf) will not attempt to sell the relevant Specified Reference Collateral Assets in respect of which the relevant Early Redemption Event has occurred in accordance with Collateral Security Condition 5.3 and instead will use an amount equal to the product of (a) the redemption proceeds received from the early redemption of the Specified Reference Collateral Assets and (b) the Collateralised Percentage and any amounts received under any applicable Related Agreement to redeem the Securities and pay other amounts due in connection with the early redemption of the Securities provided further that where a sale of Credit Support Assets would be undertaken in accordance with the last paragraph of Collateral Security Condition 5.3, such sale shall still take place in the circumstances set out in the last paragraph of Collateral Security Condition 5.3 where a RCA Early Call Event, an Adjusted Asset Redemption Event or an Asset Redemption Event is the relevant Early Redemption Event which is the subject of the relevant Early Redemption Notice notwithstanding that Collateral Security Condition 5.3 would not otherwise apply and the Issuer may appoint a Collateral Disposal Agent in respect of any such sale.

### 5.3 Sale of Collateral Assets

Where this Collateral Security Condition 5.3 is applicable, the Issuer or the Collateral Disposal Agent shall on the Initial Collateral Valuation Date (which must fall within the Initial Collateral Valuation Period) seek firm bid quotations for the sale of the relevant Collateral Assets in respect of the relevant series of Secured Securities from at least three dealers in assets such as the relevant Specified Reference Collateral Assets (and, for such purpose, it may seek quotations in respect of such Collateral Assets in their entirety or in respect of designated tranches thereof, as it considers appropriate) provided that at least one of such dealers shall be BNP Paribas SA;

- (a) the Collateral Disposal Agent may itself provide a bid in respect of the relevant Collateral Assets relating to the relevant series of Secured Securities or any tranche thereof; and
- (b) the Issuer shall and shall be authorised to accept in respect of each relevant tranche or, as applicable, the entirety of the relevant Collateral Assets the highest such quotation so obtained (which may be a quotation from the Collateral Disposal Agent) provided that where the highest quotation is not received from BNP Paribas, BNP Paribas shall be given the opportunity to submit a revised quotation which is at least equal to the highest quotation (a "**Matching Quotation**") and if BNP Paribas does submit such a Matching Quotation, the Issuer will sell the relevant Collateral Assets to BNP Paribas.

Subject as may otherwise be provided for in these Collateral Security Conditions or the Final Terms, in effecting the sales, the Issuer may sell the relevant Collateral Assets relating to the relevant series of Secured Securities in one single tranche or in smaller tranches as it considers appropriate in order to attempt reasonably to maximise the proceeds from such sale. If the Issuer and/or the Collateral Disposal Agent does not receive at least two quotations for all the Collateral Assets on the Initial Collateral Valuation Date (including a quotation from BNP Paribas), it shall attempt to sell the Collateral Assets on at least two other Business Days during the Collateral Valuation Period in the manner set out above provided that, if on any subsequent Collateral Valuation Date other than the Initial Collateral Valuation Date during the Collateral Valuation Period, the Issuer and/or the Collateral Disposal Agent only receive one firm bid quotation for the relevant Collateral Assets, the Issuer may sell the Collateral Assets to the relevant dealer which has provided such firm bid quotation and, if BNP Paribas is the only dealer that is willing to provide a firm bid quotation for the Collateral Assets, the Issuer may sell the Collateral Assets to BNP Paribas. If, after the third such attempted sale (including the Initial Collateral Valuation Date),

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

the Issuer and the Collateral Disposal Agent (if any) have still received no firm bid quotations for the relevant Collateral Assets, the relevant Collateral Assets shall be deemed to have a value of zero and the Issuer shall have no further obligation to attempt to sell the Collateral Assets.

The Issuer will not sell Collateral Assets which are Credit Support Assets (other than those received by the Issuer under a Repurchase Agreement) and references to Collateral Assets in this Collateral Security Condition 5.3 shall be construed accordingly unless (i) the relevant Early Redemption Event is a Related Agreement Termination Event where the Swap Counterparty is the Defaulting Party (as defined in the Swap Agreement) under the relevant Swap Agreement or, where applicable, the Collateral Exchange Counterparty is the defaulting party under the Collateral Exchange Agreement or (ii) a Swap Agreement Termination Payment is due from the Swap Counterparty to the Issuer, or as the case may be, a Collateral Exchange Agreement Termination Payment is due from the Collateral Exchange Counterparty to the Issuer and such payment is not made when due under the relevant Related Agreement, in which case the Collateral Assets which are to be sold in accordance with this Collateral Security Condition 5.3 shall include any Credit Support Assets and Replacement Collateral Assets held by the Issuer.

### 5.4 Collateral Physical Settlement

Following the occurrence of an Early Redemption Event and delivery of an Early Redemption Notice, where Collateral Physical Settlement has been specified as applicable in respect of the relevant Early Redemption Event in the applicable Final Terms, the Issuer shall as soon as reasonably practicable deliver the Available Specified Reference Collateral Assets to the Holders. Where delivery of the Specified Reference Collateral Assets is due to be made in respect of Securities, Security Conditions 30 and 35.2 shall apply and, for such purposes, the Securities shall be deemed to be Physical Delivery Securities, notwithstanding the terms of Security Condition 35.2(c), the Delivery Date shall be the Early Redemption Date (unless specified otherwise in the applicable Final Terms) and the Entitlement (unless specified otherwise in the applicable Final Terms) shall be deemed to be the delivery of the Early Redemption Delivery Share applicable to such Security and the Issuer shall pay a pro rata share of the sum of any Early Residual Proceeds Amount, Credit Support Sale Proceeds and/or Early Redemption Additional Proceeds Amount (after the use of such sums to pay any Early Redemption Costs) in respect of each Certificate on the applicable Delivery Date. Where the Issuer has entered into a Collateral Exchange Agreement with the Collateral Exchange Counterparty if, upon the termination of the Collateral Exchange Agreement following the occurrence of an Early Redemption Event where no Related Agreement Counterparty Default has occurred, the Collateral Exchange Counterparty is unable (after using commercially reasonable efforts) to transfer Equivalent Securities in respect of all or part of the Received Collateral to the Issuer in accordance with the provisions of the Collateral Exchange Agreement (such securities which are not transferred being "**Undelivered Equivalent Securities**"), the Collateral Exchange Counterparty will pay an amount equal to the fair market value (as determined by the Collateral Exchange Counterparty) of the relevant Undelivered Equivalent Securities to the Issuer in lieu of such delivery by way of a termination payment and, for the avoidance of doubt, such amount shall form part of the Early Redemption Additional Proceeds Amount.

Prior to determining the Early Redemption Delivery Share in respect of each Secured Security, the Issuer shall determine the cash amount which is equal to the sum of the Credit Support Sale Proceeds and the Early Redemption Additional Proceeds Amount and whether such cash sum is sufficient to satisfy any applicable Early Redemption Costs in full. If such sum is not sufficient to satisfy the applicable Early Redemption Costs in full, the Calculation Agent shall then calculate the amount of Specified Reference Collateral Assets which are required to be sold in order to pay any Early Redemption Costs after the application of such Credit Support Sale Proceeds and Early Redemption Additional Proceeds Amount to pay such Early Redemption Costs and the Issuer shall arrange for the sale of the relevant amount of



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Specified Reference Collateral Assets to meet any unsatisfied Early Redemption Costs and any proceeds from such sale remaining after payment of such Early Redemption Costs shall be the "**Early Residual Proceeds Amount**" and shall be paid in accordance with this Collateral Security Condition 5.4.

In connection with any such delivery in respect of the Secured Securities, such delivery shall be made in accordance with Security Conditions 30 and 35.2 and the Entitlement and Entitlement Amount shall be deemed to be a Security's Early Redemption Delivery Share. The Issuer shall be entitled to appoint one or more agents to assist it with the delivery of the Entitlement and sale required of Collateral Assets required to be made in accordance with this Collateral Security Condition 5.4.

In connection with such delivery, (i) Security Conditions 5.3, 5.4 and 5.5 shall not apply, (ii) for the purposes of Security Condition 11.1, Security Expenses shall be deemed to include any expenses and costs which are incurred in delivery of the Collateral Assets in accordance with this Collateral Security Condition 5.4, (iii) the Issuer shall be entitled to deduct from the assets deliverable to Holders all Security Expenses not previously deducted from amounts paid or assets delivered to Holders, as the Issuer shall determine are attributable to the relevant Secured Securities and (iv) any reference in the Security Conditions to "Relevant Assets" shall be deemed, in connection with a delivery of Collateral Assets in accordance with this Collateral Security Condition 5.4, to be a reference to "Specified Reference Collateral Assets".

The final sentence of the first paragraph of Security Condition 35.2(c) shall not apply and the Collateral Assets which it is not possible to deliver to a Holder due to such rounding shall, if and to the extent practicable, be sold by the Issuer (or by such agent as may be appointed by the Issuer for such purpose) and a pro rata share of the resulting amount (the "**Rounding Amount**") shall be paid to each Holder whose Entitlement is subject to such rounding.

Any reference in the Security Conditions to Relevant Assets shall be deemed to be, in connection with an Early Redemption Event, a reference to the Specified Reference Collateral Assets which are comprised in the Entitlement for such Secured Security. Where Collateral Physical Settlement is applicable and the relevant Specified Reference Collateral Assets have redeemed prior to the date on which the Specified Reference Collateral Assets are delivered, in lieu of such delivery, the Holder shall be entitled to payment of a pro rata share of such redemption proceeds after payment of any Early Redemption Costs. Where Collateral Physical Settlement is applicable and (i) the Issuer is holding Credit Support Assets relating to the relevant series of Secured Securities, (ii) such Credit Support Assets are Margin Securities and/or (iii) where (A) the relevant Early Redemption Event is a Related Agreement Termination Event where the Swap Counterparty is the Defaulting Party (as defined in the Swap Agreement) under the relevant Swap Agreement or, where applicable, the Collateral Exchange Counterparty is the defaulting party under the Collateral Exchange Agreement or (B) a Swap Agreement Termination Payment is due from the Swap Counterparty to the Issuer, or, as the case may be, a Collateral Exchange Agreement Termination Payment is due from the Collateral Exchange Counterparty to the Issuer, and, where either (A) or (B) applies, such payment is not made when due under the relevant Related Agreement, the relevant Credit Support Assets shall be sold in the manner set out in Collateral Security Condition 5.3. In addition, where the Collateral Exchange Counterparty is the defaulting party under the Collateral Exchange Agreement and the Issuer is holding Replacement Collateral Assets, such Replacement Collateral Assets shall be sold in the manner set out in Collateral Security Condition 5.3. The sale proceeds in respect thereof shall be first used to pay any Early Redemption Costs before the Issuer or the Collateral Disposal Agent sells any Specified Reference Collateral Assets and any proceeds of such sale shall be treated as Credit Support Sale Proceeds for the purposes of the first two paragraphs of this Collateral Security Condition 5.4.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

The Issuer will not deliver Collateral Assets which are Credit Support Assets or Replacement Collateral Assets to the Holders and references in this Collateral Security Condition 5.4 to Collateral Assets shall be construed accordingly.

Where Collateral Physical Settlement has been specified as applicable in the applicable Final Terms and a Settlement Disruption Event occurs, Security Condition 5.1 shall apply (as amended in Collateral Security Condition 8.8).

Where "Essential Trigger" is specified in the applicable Final Terms, Collateral Physical Settlement will not apply.

### 5.5 Annex Early Redemption Events

Where the Early Redemption Notice relates to an Annex Early Redemption Event, the amount payable on redemption of the Securities will be the Early Redemption Amount determined pursuant to this Collateral Security Condition 5 and not the fair market value of the Security or other amount set out in the relevant applicable Annex or in Security Condition 15 or Security Condition 34.12 and/or where Annex Early Redemption Event – External Event is specified as applicable in the applicable Final Terms and the Issuer elects to redeem the Securities in accordance with Security Condition 7.1 or 7.2, any amount which could otherwise be payable in accordance with such Security Condition 7.1 or 7.2, provided that, where Essential Trigger is specified as applicable in the applicable Final Terms, where the Issuer elects to redeem the Securities in accordance with Security Condition 7.1 or 7.2, the amount which will be payable will be the Early Redemption Amount calculated in accordance with the definition of ERE Force Majeure/No Unwind Costs.

### 5.6 Credit Notional Value Repack Securities

Where the Secured Securities are Credit Notional Value Repack Securities, Credit Security Conditions 2(b)(i), 2(b)(iii), or 2(g) shall not apply to the Secured Securities and instead, save where Credit Linked Interest Only is specified as applicable in the applicable Final Terms, following the occurrence of an Event Determination Date, the applicable Early Redemption Amount will be payable. Where an event occurs which would lead to an early redemption of the Secured Securities in accordance with Credit Security Conditions 2(d) or 2(e), an Annex Early Redemption Event shall be deemed to have occurred and the amount payable on redemption of the Securities will be the Early Redemption Amount determined in accordance with these Collateral Security Conditions and not the fair market value of the Security.

Save where Credit Linked Interest Only is specified as applicable in the applicable Final Terms, where an Event Determination Date occurs in respect of a Credit Event (as defined in Annex 12 (Additional Terms and Conditions for Credit Securities)) which is a Restructuring and the Exercise Amount is for an amount less than the aggregate Notional Amount outstanding of the Securities, the Securities shall be partially redeemed ("**Credit Partial Redemption**") pro rata in an amount equal to the Exercise Amount (the "**Credit Partial Redemption Amount**"). The Securities, in an amount equal to the aggregate Notional Amount outstanding prior to any Credit Partial Redemption less the relevant Credit Partial Redemption Amount, shall remain outstanding and the words "Notional Amount of the Secured Securities" or "nominal value" should be construed accordingly where relevant. Interest (if applicable) shall continue to accrue on the Notional Amount outstanding of the Secured Securities following the reduction in such Notional Amount outstanding upon a Credit Partial Redemption in accordance with Security Condition 32.

### 5.7 Scheduled Repayment of Collateral Assets

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Where either (a) more than one issue or type of Specified Reference Collateral Asset is specified in respect of a series of Secured Securities in the applicable Final Terms and one of the Specified Reference Collateral Assets is scheduled to mature prior to the Redemption Date or (b) the relevant Specified Reference Collateral Assets are scheduled to redeem in part from time to time, unless Amortisation Trigger is specified as applicable in respect of the relevant Reference Collateral Assets or RCA Makewhole Event is an applicable Early Redemption Event and a RCA Makewhole Event occurs (in which latter case Collateral Security Condition 5.12 shall apply), in the event that some only of the Reference Collateral Assets in the relevant Collateral Pool are redeemed (the "**Repayable Assets**") or part of the principal amount of a Specified Reference Collateral Asset is redeemed in accordance with its terms (a "**Partial Redemption**"), each Security will be partially redeemed on a pro rata basis, in a notional amount equal to the proportion of the then outstanding aggregate notional amount of the Securities that the principal amount of the Repayable Assets or the principal amount of the Partial Redemption (together, a "**Notional Reduction Amount**") bears to the aggregate principal amount of all of the Specified Reference Collateral Assets and no Early Redemption Event shall be deemed to have occurred. Any such redemption shall occur not later than 10 Business Days following the date on which the Issuer receives the relevant redemption proceeds in respect of the relevant Specified Reference Collateral Assets. Interest (if applicable) shall continue to accrue on the Notional Amount outstanding of the Secured Securities following the reduction in such Notional Amount by the relevant Notional Reduction Amount in accordance with Security Condition 32.

### 5.8 Market Value Put Option

If so provided in the applicable Final Terms, the Holder(s) of 100 per cent. of the Secured Securities of a series which is secured by a Single Series Collateral Pool will have the option (the "**Market Value Put Option**") to require the Issuer to redeem the Securities at any time prior to the scheduled Redemption Date by payment to each Holder of an amount that is equal to such Holder's pro rata share of the Put Option Redemption Amount. The date for redemption following the exercise by the Holder(s) of the Market Value Put Option shall be the date falling 10 Business Days after the date on which the relevant Securities together with a Put Notice (where there is only one Holder) or the last Put Notice (where there are two or more Holders and each of them has exercised the Market Value Put Option) are deposited with a Security Agent (the "**Put Optional Redemption Date**"), provided that, if in the discretion of the Calculation Agent it is not practicable or possible to redeem the Securities on such date, the Issuer shall redeem the Securities on a date determined by the Calculation Agent.

To exercise the Market Value Option, the Holder of the Certificate must deliver at the specified office of any Security Agent at any time during normal business hours of such Security Agent falling within the Holder's Option Period, a duly completed and signed notice of exercise in the form (for the time being current) obtainable from any specified office of any Security Agent (a "**Put Notice**") and in which the Holder must specify a bank account (or, if payment is required to be made by cheque, an address) to which payment is to be made under this Collateral Security Condition 5.8, accompanied by the Certificate or evidence satisfactory to the Security Agent concerned that the Certificate will, following delivery of the Put Notice, be held to its order or under its control in a manner reasonably satisfactory to the Security Agent concerned.

To exercise the right to require redemption of the Certificate the Holder of the Certificate must, within the Holders' Option Period, give notice to the Security Agent concerned of such exercise in accordance with the standard procedures of Euroclear France (which may include notice being given on such Holder's instruction by Euroclear France or any common depositary for it to the Security Agent by electronic means) in a form acceptable to Euroclear France.

### 5.9 Early Redemption in respect of SB/JGB Repackagings - standard

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Where the applicable Final Terms specify that the relevant series of Secured Securities is a SB/JGB Repackaging and the method of early redemption is specified as being "Standard":

- (a) For the purposes of the Collateral Security Conditions, the delivery of a Reference Collateral Credit Event Notice in respect of a Reference Collateral Credit Event shall be deemed to be an Early Redemption Event.
- (b) Following the delivery by the Calculation Agent of a Reference Collateral Credit Event Notice in respect of a Specified Reference Entity, the Issuer shall give notice to the Holders in accordance with Security Condition 10 of the redemption of the relevant series of Secured Securities to occur on the date falling three Business Days after the Calculation Date, and shall redeem the Securities on such date by payment to each Holder of such Holder's pro rata share of an amount which is equal to the product of the Notional Amount outstanding of the Securities and the Reference Price (which shall be expressed as a percentage) less any amounts payable in respect of any French Collateral Security Agent's fees, costs and expenses.
- (c) Following the delivery by the Calculation Agent of a Reference Collateral Credit Event Notice in respect of an Eligible Collateral Issuer, the Issuer shall give notice to the Holders in accordance with Security Condition 10 of the redemption of the relevant series of Secured Securities to occur on the date specified in the notice, which shall be the date falling three Business Days after the service of such notice, and shall redeem the Securities on such date by procuring the delivery to each Holder of such Holder's pro rata share of the Specified Reference Collateral Assets (after rounding down such entitlement to the largest amount of Specified Reference Collateral Assets which is transferable) or, if before its delivery the Specified Reference Collateral Assets are redeemed, the payment to each Holder of such Holder's pro rata share of the redemption proceeds thereof.

The Issuer will procure that the Specified Reference Collateral Assets to be delivered pursuant to this Collateral Security Condition 5.9(c) are delivered in accordance with the physical settlement procedures set out in Collateral Security Condition 5.4 provided for such purpose there shall be deemed to be no Early Redemption Costs.

- (d) Following the occurrence of an Early Redemption Event other than a Reference Collateral Credit Event in respect of the Specified Reference Entity or the Eligible Collateral Issuer, the Issuer may give notice to the Holders in accordance with Security Condition 10 of the redemption of the Securities to occur on the date specified in the notice, which shall be the date falling 30 Business Days after the Early Redemption Notice is delivered, and shall redeem the Securities on such date by procuring the delivery to each Holder of such Holder's Early Redemption Delivery Share in respect of each Security it holds.

The Issuer will procure that the Specified Reference Collateral Assets to be delivered pursuant to this Collateral Security Condition 5.9(d) are delivered in accordance with the physical settlement procedures set out in Collateral Security Condition 5.4.

- (e) For the avoidance of doubt, where delivery of securities is to be made to Holders in accordance with Collateral Security Condition 5.9(c) or (d), as set out in Collateral Security Condition 5.4, a Holder will also receive a pro rata share of the sum of any Early Residual Proceeds Amount and/or Additional Proceeds Amount after, in the case of Collateral Security Condition 5.9(d) only, the use of such sums to pay any Early Redemption Costs and each Holder whose Entitlement is subject to rounding as referred to in Collateral Security Condition 5.4, will

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

receive a pro rata share of Rounding Amount in accordance with Collateral Security Condition 5.4.

- (f) For the avoidance of doubt, any Swap Agreement Termination Payment payable upon the termination of the Swap Agreement in connection with the relevant Early Redemption Event will, where applicable, take into account the value of the Swap Counterparty's option (if any) to substitute Specified Obligations for the Specified Reference Collateral Assets as set out in Collateral Security Condition 3.10, including the credit risk of the relevant RCA Reference Entity.

### 5.10 Early Redemption in respect of SB/JGB Repackagings - Payment of Reference Price or Delivery of Specified Obligations

Where the applicable Final Terms specify that the relevant series of Secured Securities is a SB/JGB Repackaging and the method of early redemption is specified as being "Payment of Reference Price" or "Delivery of Specified Obligations":

- (a) For the purposes of the Collateral Security Conditions, the delivery of a Reference Collateral Credit Event Notice in respect of a Reference Collateral Credit Event shall be deemed to be an Early Redemption Event.
- (b) Following the delivery by the Calculation Agent of a Reference Collateral Credit Event Notice in respect of a Specified Reference Entity, the Issuer shall give notice to the Holders in accordance with Security Condition 10 of the redemption of the relevant series of Secured Securities (or part thereof where Collateral Security Condition 5.11 is applicable) to occur on the date specified in the notice, which shall, unless the applicable Final Terms provides otherwise, be the date falling 3 Business Days after the Calculation Date, and shall redeem the Securities (or part thereof where Collateral Security Condition 5.11 is applicable) on such date by:
  - (i) if "Payment of Reference Price" is specified in the applicable Final Terms, payment to each Holder of such Holder's pro rata share of an amount which is equal to the product of the Notional Amount outstanding of the Securities and the Reference Price (which shall be expressed as a percentage) less any amounts payable in respect of any French Collateral Security Agent's fees, costs and expenses and as adjusted for any termination payment due under any relevant Swap Agreement; or
  - (ii) if "Delivery of Specified Obligations" is specified in the applicable Final Terms, delivery of such Holder's pro rata share of Specified Obligations with a nominal amount outstanding equal to the Notional Amount outstanding of the Secured Securities (or, where Collateral Security Condition 5.11 is applicable, the lesser of the Notional Amount outstanding of the Secured Securities and the relevant Reference Partial Redemption Amount), remaining after the sale by the Issuer of Specified Obligations to finance payment of any French Collateral Security Agent's fees, costs and expenses and of any Swap Agreement Termination Payment due from the Issuer to the Swap Counterparty and after rounding down such entitlement to the largest amount of Specified Obligations which is transferable. In such circumstances, the Issuer will ensure that the Specified Obligations to be delivered pursuant to this Collateral Security Condition 5.10 are delivered in accordance with the physical settlement procedures set out in Collateral Security Condition 5.4 to the relevant

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Holder, provided that any reference therein to the Specified Reference Collateral Assets shall be deemed to be a reference to the relevant Specified Obligations.

- (c) Following the occurrence of an Early Redemption Event other than a Reference Collateral Credit Event in respect of the Specified Reference Entity, the Issuer may give notice to the Holders in accordance with Security Condition 10 of the redemption of the Securities to occur on the date specified in the notice, which shall be the date falling 30 Business Days after the Early Redemption Notice is delivered, and shall redeem the Securities on such date by procuring the delivery to each Holder of such Holder's Early Redemption Delivery Share.
- (d) For the avoidance of doubt, where delivery of securities is to be made to Holders in accordance with Collateral Security Condition 5.10(b)(ii) or (c), as set out in Collateral Security Condition 5.4, a Holder will also receive a pro rata share of the sum of any Early Residual Proceeds Amount and/or Additional Proceeds Amount after the use of such sums to pay any Early Redemption Costs and each Holder whose Entitlement is subject to rounding as set out in Collateral Security Condition 5.4, will receive a Rounding Amount in accordance with Collateral Security Condition 5.4.
- (e) For the avoidance of doubt, any Swap Agreement Termination Payment payable upon the termination of the Swap Agreement in connection with the relevant Early Redemption Event will, where applicable, take into account the value of the Swap Counterparty's option (if any) to substitute Specified Obligations for the Specified Reference Collateral Assets as set out in Collateral Security Condition 3.10, including the credit risk of the relevant RCA Reference Entity.

### 5.11 Partial redemption – Reference Collateral Credit Events

Where the applicable Final Terms specify that Reference Collateral Credit Events apply and where a Reference Collateral Credit Event Notice is served in respect of a Reference Credit Event which is a Restructuring and the Exercise Amount is for an amount less than the aggregate Notional Amount outstanding of the Securities, the Securities shall be partially redeemed ("**Reference Partial Redemption**") pro rata in an amount equal to the Exercise Amount ("**Reference Partial Redemption Amount**"). The Securities, in an amount equal to the aggregate Notional Amount outstanding of the Securities prior to any Partial Redemption less the Reference Partial Redemption Amount, shall remain outstanding and the words "Notional Amount of the Securities" should be construed accordingly where relevant. Interest (if applicable) shall continue to accrue on the Notional Amount outstanding of the Secured Securities following the reduction in such Notional Amount by the relevant Reference Partial Redemption Amount in accordance with Security Condition 32.

### 5.12 Early Redemption Amount following a RCA Early Call Event

Where a RCA Early Call Event occurs and:

- (a) Standard Early Redemption is specified to be applicable in respect of the relevant RCA Early Call Event in the applicable Final Terms, the Early Redemption Amount will be as set out in the definition of such term in Collateral Security Condition 1.1 or, where Standard Early Redemption Amount is not applicable, the definition of Secured Security Market Value, Secured Security Highest Value or Secured Security Monetisation Option as specified as applicable in the applicable Final Terms and interest shall cease to accrue in accordance with the relevant provision of Collateral Security Condition 6.1 specified in the applicable Final Terms;

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (b) Par Early Redemption is specified to be applicable in respect of the relevant RCA Early Call Event in the applicable Final Terms, the Early Redemption Amount in respect of each Certificate will be equal to the Notional Amount of such Certificate and interest on such Secured Security shall cease to accrue with effect from and including; the Interest Payment Date immediately preceding the date of such Early Redemption Event (or, in the case of the first Interest Period, the Interest Commencement Date);
- (c) Accrual Par Early Redemption is specified to be applicable in respect of the relevant RCA Early Call Event in the applicable Final Terms, the Early Redemption Amount in respect of each Certificate will be equal to the Notional Amount of the Certificate plus accrued interest on the Certificate (where it bears interest) calculated in accordance with Security Condition 32 to, but excluding, the relevant Early Redemption Date; or
- (d) Makewhole Early Redemption is specified to be applicable in respect of the relevant RCA Early Call Event in the applicable Final Terms, the Early Redemption Amount in respect of each Certificate will be equal to a *pro rata* share per Security of an amount equal to the amount scheduled to be received by the Issuer in respect of the Specified Reference Collateral Assets which are the subject of the relevant RCA Early Call Event plus accrued interest on the Certificate (where it bears interest) calculated in accordance with Security Condition 32 to, but excluding, the relevant Early Redemption Date.

Where (i) a RCA Early Call Event occurs with respect to part only of the principal amount of the Specified Reference Collateral Assets, (ii) one of Par Early Redemption, Accrual Par Early Redemption or Makewhole Early Redemption is specified as applicable in the applicable Final Terms and (iii) RCA Early Call Event – Partial Redemption is specified as applicable in the applicable Final Terms, each Certificate will be partially redeemed on a *pro rata* basis, in a notional amount (an "**Early Call Notional Reduction Amount**") equal to the proportion of the then outstanding aggregate Notional Amount of the Securities that the principal amount of the Specified Reference Collateral Assets which is the subject of the RCA Early Call Event bears to the aggregate principal amount of all of the Specified Reference Collateral Assets for such Collateral Pool and an Early Redemption Amount will be calculated in respect of a Notional Amount of each Certificate equal to the Early Call Notional Reduction Amount only. Interest (if applicable) shall continue to accrue on the Notional Amount outstanding of each Certificate following the reduction in such Notional Amount by the relevant Early Call Notional Reduction Amount in accordance with Security Condition 32. For the avoidance of doubt, where a RCA Early Call Event occurs and RCA Early Call Event – Partial Redemption is applicable, the relevant proportion of the Reference Collateral Assets, redemption proceeds therefrom and/or proceeds of realisation thereof, as applicable, shall be automatically released from the security created under the Security Agreements to allow the redemption in part of the Certificates.

### 5.13 Redemption following a RCA Merger Event

If this Collateral Security Condition 5.13 is specified as applicable in the Final Terms and in the case that:

- (a) "**RCA Reference Entity/Holder Merger**" is specified as applicable, in the event that, in the determination of the Calculation Agent, a RCA Reference Entity/Holder Merger has occurred, the Issuer may determine that the Certificates should be redeemed;
- (b) "**RCA Reference Entity/Issuer/Guarantor Merger**" is specified as applicable, in the event that, in the determination of the Calculation Agent, a RCA Reference Entity/Issuer/Guarantor Merger has occurred, the Issuer may either:

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (i) determine that the Certificates should be redeemed; or
- (ii) replace the relevant affected RCA Reference Entity/ies (the "**Affected RCA Reference Entity/ies**") respectively, with Similar RCA Reference Entity/ies and replace the Specified Reference Collateral Assets (the "**Affected RCA**") with Similar Reference Collateral Assets.

The Calculation Agent shall notify the Issuer, which shall in its turn notify the Holders pursuant to the provisions of Security Condition 10 of the decision taken by the Issuer and any adjustments made to the terms of the Certificates. Where Collateral Security Condition 5.13(b)(ii) is applicable, the Issuer shall sell the Affected RCA and pay the proceeds of any sale of Affected RCA to the Swap Counterparty and the Issuer will receive from the Swap Counterparty an amount equal to the amount required to purchase the relevant Similar Reference Collateral Assets. Save where "Essential Trigger" is specified as applicable in the applicable Final Terms, if there is a difference in value between the Affected RCA and the relevant Similar Reference Collateral Assets, the Calculation Agent may make an adjustment to the interest payable on the Certificates and, if it is not possible to reflect such difference in value fully by adjusting the interest payable on the Certificates, the Calculation Agent may also adjust the Cash Settlement Amount payable in respect of each Certificate. Details of any adjustment or decision made in relation to the above may be obtained by the Holders upon request at the Calculation Agent's specified address.

Notwithstanding the foregoing, where "Essential Trigger" is specified as applicable and the Calculation Agent determines that the relevant RCA Merger Event constitutes a force majeure, the Issuer shall pay to each Holder in respect of each Secured Security, the Early Redemption Amount calculated in accordance with the definition of ERE/Force Majeure/No Unwind Costs.

### 5.14 Suspension of payments

Where "Suspension of Payments" is specified as applicable in the applicable Final Terms or is deemed to apply in accordance with this Collateral Security Condition 5.14, if the Calculation Agent determines that a Suspension Event has occurred, no payment of principal or interest shall be made by the Issuer in respect of the Certificates during the Suspension Period as set out in Collateral Security Condition 6.3 (in the case of interest) or Condition 5 (as modified by Collateral Security Condition 8). If, at any time during the Suspension Period, the Calculation Agent determines that an Early Redemption Event has occurred, then the provisions of Collateral Security Conditions 5.1 to 5.5 shall apply. In determining whether a payment failure has (or may have) occurred, the Calculation Agent may rely on evidence of non-receipt of funds. Where "Standard Early Redemption Event" is an applicable Early Redemption Event, "Suspension of Payments" and this Collateral Security Condition 5.14 shall be deemed to apply, unless specified otherwise in the applicable Final Terms.

### 5.15 Secured Security Monetisation Amounts

Where Secured Security Monetisation Option is applicable and the Issuer delivers an Early Redemption Notice, it will also deliver a Holder Election Notice. In the Holder Election Notice the Issuer must include the following:

- (a) the cut-off date and time for each Holder to elect to receive the fair market value on the date fixed for early redemption;
- (b) the date of determination of the fair market value in respect of such election and the amount determined by the Calculation Agent as the fair market value of the Certificates on such date; and



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

- (c) the amount calculated by the Calculation Agent as the Secured Security Monetisation Amount.

If the Certificate is held outside DTC, Euroclear and Clearstream, Luxembourg, Euroclear France and/or any other relevant Clearing System, other than in the case of CREST Dematerialised Certificates, to make a valid election to receive the Secured Security Market Value on redemption of a Certificate the Holder of the Certificate must no later than the cut-off date and time set out in the Holder Election Notice give notice to the Principal Security Agent or the Registrar, as the case may be, of such election, accompanied by the Certificate or evidence satisfactory to the Principal Security Agent or Registrar, as the case may be, that the Certificate will, following delivery of notice, be held to its order or under its control in a manner reasonably satisfactory to the Principal Security Agent or Registrar, as the case may be. If the Certificates are CREST Dematerialised Certificates, to make a valid election to receive the Secured Security Market Value on early redemption of the Certificate, the Holder of the Certificate must no later than the cut-off time and date set out in the Holder Election Notice give notice to the Euroclear Registrar in accordance with the Uncertificated Securities Regulations. If the Certificate is held through DTC, Euroclear or Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System, to make a valid election to receive the Collateral Security Market Value on early redemption of the Certificate the Holder of the Certificate must no later than the cut-off date and time set out in the Holder Election Notice give notice to the relevant Security Agent in accordance with the standard procedures of DTC, Euroclear and Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System (which may include notice being given on such Holder's instruction by DTC, Euroclear or Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System or any common depositary for them to the Security Agent by electronic means) in a form acceptable to DTC, Euroclear and Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System from time to time. In the case of Finnish Dematerialised Certificates, in order to make a valid election to receive the Secured Security Market Value on early redemption the Holder must no later than the cut-off time and date set out in the Holder Election Notice transfer or procure the transfer of the relevant Certificates to the account designed by the Finnish Security Agent and procure that such account is blocked for further transfer on or prior to the Early Redemption Date. Notice given by a Holder of any Certificate pursuant to this Collateral Security Condition 5.15 shall be irrevocable. In the case of CBF Certificates, the relevant Holder must also deliver to the Frankfurt Certificate Agent the CBF Certificates to which such notice relates and failure to deliver such CBF Certificates at or prior to the time such notice is delivered shall render such notice null and void.

If the Holder does not make a valid election to receive the fair market value on the date fixed for early redemption before the cut-off date and time set out in the Holder Election Notice, the Holder will receive the Secured Security Monetisation Amount in respect of such Secured Security on the Redemption Date.

### 5.16 Swap Termination Without Redemption

Where Swap Termination Without Redemption is specified as applicable in the applicable Final Terms and where an Event of Default (as defined in the Swap Agreement) occurs under the Swap Agreement in circumstances where the Swap Counterparty is the Defaulting Party (as defined in the Swap Agreement), following notification of such Event of Default by the Issuer to the French Collateral Security Agent (a "**Swap Default**") and no Event of Default has occurred under Collateral Security Condition 7.1, the Issuer shall deliver, in respect of the Swap Agreement (where such agreement is constituted by a 2002 Master Agreement published by the International Swaps and Derivatives

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Association, Inc. (the "**Master Agreement**") and schedule thereto and any confirmations thereunder), a notice under Section 6(a) of the Master Agreement designating an Early Termination Date (as defined in the Swap Agreement) provided that the Swap Agreement shall be deemed not to be a Related Agreement for the purposes of the Early Redemption Events (including the Related Agreement Termination Event) where a Swap Default occurs or, where Swap Agreement All Termination is specified as applicable in the applicable Final Terms, the Swap Agreement terminates for any reason other than on its scheduled termination date save where the termination of the Swap Agreement has resulted from an Event of Default thereunder where the Issuer is the Defaulting Party. In such circumstances, the Issuer (with the consent of the French Collateral Security Agent) may appoint an agent (a "**Termination Agent**") to assist it in terminating the Swap Agreement and making any calculations necessary in connection with such termination. A pro rata share of the amount, if any and subject to a minimum of zero, equal to the sum of (i) the Early Termination Amount (as defined in the Swap Agreement) received by the Issuer under the Swap Agreement (if any), (ii) any interest which has accrued on the amount received by the Issuer (which may be a positive or negative amount) and (iii) the Unused Charged Assets Proceeds less (ii) the costs and expenses of the French Collateral Security Agent and any costs and expenses of the Termination Agent incurred in connection with the termination of the Swap Agreement shall be paid by the Issuer to the Holders on a *pro rata* and pari passu basis on the Redemption Date, to the extent such amount is received on or prior to the Redemption Date. For the purposes of this Collateral Security Condition 5.16, "**Unused Charged Assets Proceeds**" means any amounts received by the Issuer from the Collateral Assets other than the Swap Agreement which have not been used on or prior to the Redemption Date to pay interest and/or Cash Settlement Amounts otherwise payable in respect of the Certificates, amounts due to the Swap Counterparty under the Swap Agreement (including in respect of any Early Termination Amount due to the Swap Counterparty) and/or any fees, costs or expenses due to the French Collateral Security Agent. Where the Swap Agreement terminates following the occurrence of a Swap Default, the Issuer may open an account into which it will pay any amounts received from the Collateral Assets provided that such account is secured in favour of the French Collateral Security Agent and the Issuer may enter into an Additional Security Document in connection therewith.

Where Swap Termination Without Redemption is specified as applicable in the applicable Final Terms, following a Swap Default the obligation of the Issuer to pay the originally scheduled Cash Settlement Amount and to pay scheduled interest amounts in respect of each Certificate shall cease but without prejudice to the Issuer's obligations to pay any amount due in accordance with the first paragraph of this Collateral Security Condition 5.16 and no Event of Default will occur in respect of such non-payment. Where Condition to Interest Payment is specified as applicable in the applicable Final Terms, the obligation of the Issuer to pay an Interest Amount will be subject to the receipt of an aggregate amount equal to the aggregate Interest Amounts payable in respect of each Certificate outstanding on or prior to the relevant Interest Payment Date from the Swap Counterparty under the Swap Agreement. Where Condition to Final Payment is specified as applicable in the applicable Final Terms, the obligation of the Issuer to pay the Cash Settlement Amount in respect of each Certificate will be subject to the receipt of an aggregate amount equal to the Cash Settlement Amount payable in respect of each Certificate outstanding on or prior to the Redemption Date from the Swap Counterparty under the Swap Agreement. In the event that the Swap Counterparty fails to pay an amount under the Swap Agreement or, where Swap Agreement All Termination is specified as applicable in the applicable Final Terms, the Swap Agreement terminates for any reason other than on its scheduled termination date save where the termination of the Swap Agreement has resulted from an Event of Default thereunder where the Issuer is the Defaulting Party, the Issuer will have no further obligation to pay interest in respect of the Certificates (where Condition to Interest Payment is applicable) or the Cash Settlement Amount in respect of the Certificate (where Condition to Final Payment is specified as applicable) but without prejudice to the Issuer's obligations to pay any amount due in accordance with the first paragraph of this Collateral Security Condition 5.16 and no Event of Default will occur in respect of such non-payment.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

### 5.17 Purchase of Secured Securities

Where the Issuer purchases Secured Securities in accordance with Security Condition 8.1 (the "**Purchased Securities**"), the Issuer shall dispose of a proportion of the Specified Reference Collateral Assets for the relevant series of Secured Securities equal to the proportion that the aggregate Notional Amount of Purchased Securities represent of the aggregate Notional Amount of the Secured Securities (a "Collateral Disposal") save where, due to the denominations of the Specified Reference Collateral Assets, such Collateral Disposal would result in the disposal of Specified Reference Collateral Assets with a nominal amount greater than the Calculated Disposal Reference Nominal Amount due to the nominal amount of the Specified Reference Collateral Assets which would be the subject of the relevant Collateral Disposal not being divisible by the denomination of the Specified Reference Collateral Assets then held by the Issuer (a "**Denomination Matching Failure Event**"). In such circumstances, the Issuer may dispose of the next largest nominal amount of Specified Reference Collateral Assets which is divisible by the denomination of the Specified Reference Collateral Assets then held by the Issuer and which is lower than the Calculated Disposal Reference Nominal Amount (the nominal amount of the Specified Reference Collateral Assets which is actually disposed of, being the "**Actual Disposal Reference Nominal Amount**"). In connection with such Denomination Matching Failure Event, the amount by which the Calculated Disposal Reference Nominal Amount exceeds the Actual Disposal Reference Nominal Amount shall be the "Excess Collateral Amount".

### 5.18 Subsequent Denomination Matching Failure Events

Following the occurrence of a Denomination Matching Failure Event, if a subsequent purchase by the Issuer of Secured Securities in accordance with Security Condition 8.1 would otherwise lead to a further Denomination Matching Failure Event (each a "**Subsequent Denomination Matching Failure Event**") and the Excess Collateral Balance which would result from such purchase of Secured Securities (without regard to this Collateral Security Condition 5.18 but, for the avoidance of doubt, taking into account, the Excess Collateral Balance immediately prior to the purchase of the Secured Securities) (the "**Deemed Excess Collateral Balance**") would be equal to or greater than the denomination of a Specified Reference Collateral Asset, then (i) the purchase price for such subsequent purchase of Secured Securities payable by the Issuer shall be deemed to be increased by the Excess Collateral Balance immediately prior to the purchase of the Secured Securities and (ii) the Issuer shall dispose of additional Specified Reference Collateral Assets ("**Additional ECB Specified Reference Collateral Assets**") in a nominal amount equal to or lower than the Deemed Excess Collateral Balance (to the extent that such nominal amount is divisible by the denomination of the Specified Reference Collateral Assets then held by the Issuer) and the amount by which such Deemed Excess Collateral Balance exceeds the nominal amount of the Additional ECB Specified Reference Collateral Assets shall be deemed to be the new Excess Collateral Balance.

### 5.19 Payment of Excess Collateral Balance

If there is a positive Excess Collateral Balance following the occurrence of an Early Redemption Event and the delivery of an Early Redemption Notice in connection therewith which leads to the redemption in full of the relevant Secured Securities or where the Security Interests are enforced following an Enforcement Event in accordance with Collateral Security Condition 7, an amount equal to the Excess Collateral Balance Value shall be payable by the Issuer to the Swap Counterparty under the Swap Agreement and shall be deemed to be an Early Redemption Cost for the purposes of these Collateral Security Conditions (in the case of an Early Redemption Event). Following enforcement of the Security Interests in accordance with Collateral Security Condition 7.2, such amount shall be paid by the French Collateral Security Agent to the Swap Counterparty prior to application of the Collateral Enforcement Proceeds in accordance with the applicable Priority of Payments or, where Physical Delivery of the

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Collateral is applicable, prior to delivery of the remaining Collateral Assets in accordance with the applicable Priority of Payments.

### 6. Interest

#### 6.1 Cessation of Interest Accrual

Upon the occurrence of an Early Redemption Event other than a CDS Credit Event or a RCA Early Call Event (save as set out in Collateral Security Condition 5.12), interest on such Secured Security shall cease to accrue with effect from and including:

- (a) either:
  - (i) the Interest Payment Date; or
  - (ii) if so specified in the Final Terms, the Interest Period End Date, immediately preceding the date of such Early Redemption Event (or, in the case of the first Interest Period, the Interest Commencement Date); or
- (b) if so specified in the Final Terms, the date of such Early Redemption Event; or
- (c) if so specified in the Final Terms, the Early Redemption Date.

#### 6.2 Credit Notional Value Repack Securities

Collateral Security Condition 6.1 shall not apply to Credit Notional Value Repack Securities where the relevant Early Redemption Event is a CDS Credit Event in which case Credit Security Condition 3 and the other relevant provisions of Annex 12 (Additional Terms and Conditions for Credit Securities) shall apply, provided that, where Credit Linked Interest Only is specified as applicable in the applicable Final Terms, Collateral Security Condition 6.1 and Credit Security Condition 3 shall both apply to the Secured Securities provided that where an Early Redemption Event occurs which leads to the redemption of the Secured Securities in full and an Event Determination Date (as defined in Annex 12 (Additional Terms and Conditions for Credit Securities)) occur in the same Interest Period, interest shall cease to accrue in accordance with Collateral Security Condition 6.1.

#### 6.3 Deferred Interest Payments/Suspension of Payments

Where Deferral of Payments or Suspension of Payments is specified as applicable in the applicable Final Terms or, in the case Suspension of Payments is deemed to apply as set out in Collateral Security Condition 5.14, upon the occurrence, in the opinion of the Calculation Agent, of a Payment Deferment Event, interest on the Notional Amount outstanding of the Securities will be paid in accordance with Security Condition 32 on the relevant Deferred Interest Payment Date provided that no interest shall be payable on the Securities or any accrued interest thereon for the period from (and including) the relevant Interest Payment Date to such Deferred Interest Payment Date and, where Suspension of Payments is specified as applicable in the applicable Final Terms and a Suspension Event occurs if an Early Redemption Event occurs prior to the end of the relevant Suspension Period, each reference in Collateral Security Condition 6.1(a) or (b) to "Early Redemption Event" shall be read as a reference to such Suspension Event.

#### 6.4 Interest Accrual relating to RCA Makewhole Events

Where RCA Makewhole Event is an applicable Early Redemption Event, such Early Redemption Event occurs and the terms of relevant Specified Reference Collateral Assets contain a RCA Residual Maturity

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Call Option, if the RCA Issuer does not exercise its option to redeem the Specified Reference Collateral Assets at their principal amount together with a makewhole amount (howsoever described) on the RCA Residual Maturity Call Option Date, on the first day of the Interest Period immediately following the RCA Residual Maturity Call Option Date, where an Alternative Rate of Interest is specified in the applicable Final Terms, the Rate of Interest applicable to the Certificates will be adjusted to the Alternative Rate of Interest specified in the applicable Final Terms and such interest shall continue to accrue at the Alternative Rate of Interest to, but excluding, the Redemption Date in accordance with Security Condition 32, subject to the occurrence of an Early Redemption Event. For the avoidance of doubt, where RCA Makewhole Event is an applicable Early Redemption Event and no Alternative Rate of Interest is specified in the applicable Final Terms, there shall be no adjustment to the rate of interest following the RCA Residual Maturity Call Option Date where the RCA Issuer does not exercise its option to redeem the Specified Reference Collateral Assets at their principal amount together with a makewhole amount (howsoever described) on the RCA Residual Maturity Call Option Date.

### 7. Events of Default and Enforcement

#### 7.1 Events of Default

The French Collateral Security Agent may, and if so requested in writing by the Holders of at least one-fifth in number of the outstanding Secured Securities of the relevant series, or if so directed by a General Meeting of such Holders, shall (subject in each case to being indemnified and/or secured and/or pre-funded to its satisfaction) deliver a notice (an "**Acceleration Notice**") to the Issuer, the Principal Security Agent, the Collateral Custodian, the Swap Counterparty (if any) and Repo Counterparty (if any) that each relevant series of Secured Securities secured by the Collateral Pool which is the subject of the Acceleration Notice shall forthwith become immediately due and payable at their Security Termination Amount (save where Physical Delivery of Collateral is applicable in which case the Entitlement in respect of each such Secured Security shall be delivered on the relevant Collateral Delivery Date as set out in Collateral Security Condition 7.5) without further action or formalities and the Security Interests granted under the Security Agreements shall become enforceable (as set out in the Security Agreements) if any of the following events occurs (each an "**Event of Default**"):

- (a) the Issuer fails to pay any amount payable in respect of the Secured Securities or any of them when due and payable or fails to deliver the Entitlement when due and such default is not remedied within 30 days after the relevant due date; or
- (b) the Issuer or the Guarantor fails to perform or observe any of its other obligations under the Secured Securities and such default is not remedied within 45 days after notice of such default has been given to the Principal Security Agent by any Holder or a Related Agreement terminates early where the Issuer is the Defaulting Party (as defined in the relevant Swap Agreement or Repurchase Agreement) or is the defaulting party (in the case of the Collateral Exchange Agreement) thereunder and the relevant event of default relates to the insolvency of the Issuer; or
- (c) BNPP applies for the appointment of an ad hoc representative (*mandataire ad hoc*) under French bankruptcy law, or enters into an amicable procedure (*procédure de conciliation*) with creditors or ceases its payments, or a judgment is issued for the judicial liquidation (*liquidation judiciaire*) of BNPP or for a transfer of the whole of its business (*cession totale de l'entreprise*); or
- (d) the Issuer is subject to proceedings similar to those set out in Collateral Security Condition 7.1(c), or, in the absence of legal proceedings, the Issuer or Guarantor makes a conveyance, assignment or other arrangement for the benefit of its creditors or enters into a composition with

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

its creditors, or a resolution is passed by the Issuer or Guarantor for its winding-up or dissolution, except in connection with a merger or other reorganisation in which all of the Issuer's or the Guarantor's assets are transferred to, and all of the Issuer's or Guarantor's debts and liabilities (including the Secured Securities) are assumed by, another entity which continues the Issuer's or Guarantor's activities.

A copy of any such Acceleration Notice shall be promptly given to the Holders by the French Collateral Security Agent in accordance with Security Condition 10.

### 7.2 Enforcement

Upon the occurrence of an Enforcement Event in respect of the relevant series of Secured Securities and the relevant Collateral Pool, the French Collateral Security Agent may, and if so requested in writing by Holders of at least one-fifth in number of the outstanding Secured Securities of such series, or if so directed by a General Meeting of such Holders (such request or direction an "**Enforcement Notice**"), shall (subject, in each case, to being indemnified and/or secured and/or pre-funded to its satisfaction) enforce the relevant Pledges in accordance with the Pledge Agreements and enforce the Security Interests granted under the Security Agreements and, unless Physical Delivery of Collateral is specified as applicable in the applicable Final Terms, realise the Collateral Assets in the relevant Collateral Pool (and may appoint one or more agents to assist it to do so). Where it is not possible for the French Collateral Security Agent to sell the relevant Collateral Assets in full in respect of a series of Secured Securities within a period of two years from the date on which it is instructed to realise the Collateral Assets, the French Collateral Security Agent shall have no obligation to take further action in connection with such Collateral Assets other than informing the relevant Holders in accordance with Security Condition 10 of the failure to sell the relevant Collateral Assets, unless and until the French Collateral Security Agent receives further written directions from the Holders of at least one-fifth in number of the outstanding Secured Securities of such series, or as so directed by a General Meeting of such Holders, and subject, in each case, to the French Collateral Security Agent being indemnified and/or secured and/or pre-funded to its satisfaction. The French Collateral Security Agent shall have no liability for failure to take further action in respect of the Collateral Assets absent such instructions and indemnification. Where it is only possible for the French Collateral Security Agent to sell part of the relevant Collateral Assets in respect of a series of Secured Securities within a period of two years from the date on which it is instructed to realise the Collateral Assets, the French Collateral Security Agent shall apply the sale proceeds it has received in accordance with these Collateral Security Conditions (including Collateral Security Condition 5.19) and shall deal with any unsold Collateral Assets in accordance with the preceding sentences.

All calculations to be performed or determinations to be made following the occurrence of an Enforcement Event shall be performed or determined by the Collateral Calculation Agent and confirmed in writing to the French Collateral Security Agent. In connection with the enforcement of the Pledges, where Physical Delivery of Collateral is not applicable and after the realisation and liquidation in full of all the Collateral Assets in a Collateral Pool, the Collateral Calculation Agent shall determine the Security Termination Amount in respect of each Secured Security and shall notify such amount to the French Collateral Security Agent and the French Collateral Security Agent shall notify the Holders of the Security Termination Amount following such realisation and liquidation upon confirmation of these amounts by the Collateral Calculation Agent. Where the Secured Securities become due and payable at their Security Termination Amount in accordance with Collateral Security Condition 7.1, no amounts other than the relevant Security Termination Amount will be payable in respect of each Secured Security.

No Holder shall be entitled to have recourse to any other assets of the Issuer, the Collateral Assets contained in a Collateral Pool other than the Collateral Pool which relates to the Secured Securities it

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

holds or to any Collateral Assets other than the Specified Reference Collateral Assets identified as such in the applicable Final Terms relating to the series of Secured Securities of which it is a Holder and any Credit Support Assets, Replacement Collateral Assets or other Charged Assets relating to such series of Secured Securities.

The French Collateral Security Agent (and any agent appointed by the French Collateral Security Agent) will, in the absence of its own gross negligence, fraud and wilful default, have no liability as to the consequence of any enforcement or realisation action and will have no regard to the effect of such action on individual Holders or the other Secured Parties.

### 7.3 Application and distribution of proceeds of enforcement

The French Collateral Security Agent shall apply all Collateral Enforcement Proceeds or the Collateral Assets (where Physical Delivery of Collateral is applicable) in accordance with the applicable Priority of Payments and, where applicable, in accordance with Collateral Security Condition 5.19. Following payment of all amounts which are payable in priority to Holders in accordance with, and in the order set out in, the applicable Priority of Payments (including, without limitation, amounts due to the French Collateral Security Agent and/or any agent appointed by it to assist in the enforcement of the Security Interests and realisation and/or delivery of the Collateral Assets, including any Enforcement Expenses) and, where applicable, in accordance with Collateral Security Condition 5.19,

- (a) where Physical Delivery of Collateral is not applicable, the Collateralised Percentage of the remaining proceeds from the realisation of the Specified Reference Collateral Assets in the Collateral Pool relating to the relevant series of Secured Securities and other Charged Assets relating to such series of Secured Securities will be applied in accordance with the applicable Priority of Payments in meeting the claims of Holders under the relevant series of Secured Securities which are secured by the relevant Collateral Pool on a pari passu basis within the relevant series of Secured Securities where each Secured Security's share of such proceeds shall be determined by the Collateral Calculation Agent and confirmed to the French Collateral Security Agent on the basis of such Secured Security's Collateral Proceeds Share; or
- (b) where Physical Delivery of Collateral is applicable, the remaining Specified Reference Collateral Assets will be applied in accordance with the applicable Priority of Payments in meeting the delivery claims of Holders under the relevant series of Secured Securities which are secured by the relevant Collateral Pool on a pari passu basis within the relevant series of Secured Securities where each Secured Security's share of such Specified Reference Collateral Assets shall be determined by the Collateral Calculation Agent on the basis of such Secured Security's Delivery Share, and the remaining proceeds from any sale of Collateral Assets and realisation of the other Charged Assets relating to the relevant series of Secured Securities (together, the "**Available Delivery Cash Proceeds**") will be applied in payment to each Holder of the Security Delivery Cash Amount and any Rounding Amount due to the relevant Holder.

### 7.4 Shortfall

In the event that,

- (a) following the application of the Collateral Enforcement Proceeds in accordance with Collateral Security Condition 7.3(a), the amount paid to a Holder in respect of a Secured Security held by him (a "**Cash Security Realised Amount**") is less than the Security Termination Amount determined by the Collateral Calculation Agent and confirmed to the French Collateral Security Agent with respect to such Secured Security (the difference between the Cash Security Realised Amount paid and such Security Termination Amount being referred to as a "**Shortfall**"), the

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Issuer shall, without prejudice to Collateral Security Condition 11, remain liable for such Shortfall, but any such Holder shall not have recourse to any Collateral Pool other than the Collateral Pool applicable to that series of Secured Securities or to any Reference Collateral Assets other than the Specified Reference Collateral Assets identified as such in the applicable Final Terms relating to the series of Secured Securities of which it is a Holder and any Credit Support Assets or Replacement Collateral Assets relating to such series of Secured Securities; or

- (b) where Physical Delivery of Collateral is applicable following the delivery of the remaining Specified Reference Collateral Assets and payment of the Available Delivery Cash Proceeds in accordance with Collateral Security Condition 7.3(b), the amount paid or deemed to have been paid to a Holder in respect of a Secured Security held by him (a "**Physical Security Realised Amount**" and, together with the Cash Security Realised Amount, the "**Security Realised Amount**") is less than the sum of the Security Termination Amount and the Calculated Security Termination Amount determined by the Collateral Calculation Agent and confirmed to the French Collateral Security Agent with respect to such Secured Security (the difference between the Security Realised Amount and such amount so paid or deemed to be paid being referred to as a "**Shortfall**"), the Issuer shall, without prejudice to Collateral Security Condition 11, remain liable for such Shortfall, but any such Holder shall not have recourse to any Collateral Pool other than the Collateral Pool applicable to that series of Secured Securities or to any Reference Collateral Assets other than the Specified Reference Collateral Assets identified as such in the applicable Final Terms relating to the series of Secured Securities of which it is a Holder and any Credit Support Assets and/or Replacement Collateral Assets relating to such series of Secured Securities.

### 7.5 Physical Delivery of Collateral Assets

Where "Physical Delivery of Collateral" is specified in the applicable Final Terms, following enforcement of the Pledge(s), the French Collateral Security Agent, will arrange for delivery of the Specified Reference Collateral Assets in a Collateral Pool to each Holder of a Secured Security secured by the relevant Collateral Pool relating to the relevant series of Secured Securities in a nominal amount equal to the Delivery Share applicable to such Secured Security on a pari passu basis within the relevant series of Secured Securities and shall effect the sale of any Credit Support Assets. After the sale of any Credit Support Assets and/or Replacement Collateral Assets, the delivery of the relevant Delivery Shares in respect of the Secured Securities and payment of any Rounding Amount and Security Delivery Cash Amount will fully extinguish the Issuer's obligations in respect of the relevant Secured Securities notwithstanding that the value of the Collateral Assets (together with Rounding Amount and the Security Delivery Cash Amount) so delivered (or paid, as the case may be) may be less than the nominal value of the relevant Secured Security.

Prior to determining the Delivery Share in respect of each Secured Security, the Collateral Calculation Agent shall determine the cash amount which is equal to the sum of the Credit Support Sale Proceeds and the Additional Proceeds Amount and whether such cash sum is sufficient to satisfy any applicable Priority Amounts in full and shall confirm such figures to the French Collateral Security Agent. If such sum is not sufficient to satisfy the applicable Priority Amounts in full, the Collateral Calculation Agent shall then calculate the amount of Specified Reference Collateral Assets which are required to be sold in order to pay any Priority Amounts and any Additional RCA Disposal Amount after the application of such Credit Support Sale Proceeds and Additional Proceeds Amount to pay such Priority Amount and any Additional RCA Disposal Amount and shall confirm such amount to the French Collateral Security Agent and the French Collateral Security Agent shall arrange for the sale of the relevant amount of



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Specified Reference Collateral Assets to meet any unsatisfied Priority Amounts and any Additional RCA Disposal Amount and any proceeds from such sale remaining after payment of such Priority Amounts and any Additional RCA Disposal Amount shall be the "**Residual Proceeds Amount**" and shall be paid in accordance with this Collateral Security Condition 7.5.

For the purposes of the Collateral Calculation Agent calculating the Security Termination Amount in respect of each Secured Security, where the French Collateral Security Agent has used any Credit Support Sale Proceeds and Additional Proceeds Amount prior to any sale of Specified Reference Collateral Assets, it shall be deemed to have first used such Additional Proceeds Amount to pay the relevant Priority Amounts (and such Additional Proceeds Amount shall be reduced accordingly by the amount of such payment) and then, to the extent necessary, the Credit Support Sale Proceeds shall be deemed to have been used to pay the outstanding relevant Priority Amounts (and such Credit Support Sale Proceeds shall be reduced accordingly by the amount of such payment). In connection with any such delivery in respect of Securities, such delivery shall be made in accordance with Security Conditions 30 and 35.2 and the Entitlement shall be deemed to be a Security's Delivery Share, as determined by the Collateral Calculation Agent and confirmed in writing to the French Collateral Security Agent. The French Collateral Security Agent shall be entitled to appoint one or more agent to assist it with the delivery of the Entitlement and sale of Collateral Assets required to be made in accordance with this Collateral Security Condition 7.5. The French Collateral Security Agent shall notify the Collateral Delivery Date in respect of a series of Secured Securities to the relevant Holders in accordance with Security Condition 10.

In connection with such delivery, (i) Security Conditions 5.3, 5.4 and 5.5 shall not apply, (ii) for the purposes of Security Condition 11.1, Security Expenses shall be deemed to include any Enforcement Expenses which are incurred in delivery of the Collateral Assets in accordance with this Collateral Security Condition 7.5, (iii) the French Collateral Security Agent shall be entitled to deduct from the assets deliverable to Holders all Security Expenses not previously deducted from amounts paid or assets delivered to Holders, as the French Collateral Security Agent shall determine are attributable to the relevant Secured Securities and (iv) any reference in the Security Conditions to "Relevant Assets" shall be deemed, in connection with a delivery of Collateral Assets in accordance with this Collateral Security Condition 7.5, to be a reference to "Collateral Assets".

The final sentence of the first paragraph of Security Condition 35.2(c) shall not apply and the Collateral Assets which it is not possible to deliver to a Holder due to such rounding shall, if and to the extent practicable, be sold by the French Collateral Security Agent (or such other agent as may be appointed by the French Collateral Security Agent for such purpose) and a pro rata share of the resulting amount (the "**Rounding Amount**") shall be paid to each Holder whose Entitlement is subject to such rounding.

Where Physical Delivery of Collateral is applicable to a series of Secured Securities upon delivery of the relevant Specified Reference Collateral Assets and payment of the relevant Security Termination Amount, no further amount will be due to the Holders of such Secured Securities. In connection with the delivery of Specified Reference Collateral Assets for the relevant series of Secured Securities, the Collateral Calculation Agent shall determine the Security Termination Amount and the Calculated Security Termination Amount in respect of each Secured Security and shall notify such amounts to the French Collateral Security Agent who shall notify the Holders of such amounts following such delivery or, where applicable, payment of relevant amounts due in accordance with this Collateral Security Condition 7.

Where "Essential Trigger" is specified as applicable in the applicable Final Terms, Physical Delivery of Collateral will not apply.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

### 7.6 Settlement Disruption

If, in the opinion of the French Collateral Security Agent (or such other agent as may be appointed by the French Collateral Security Agent for such purpose), delivery of the Entitlement following the occurrence of an Enforcement Event using the method of delivery specified in the applicable Final Terms, or such other commercially reasonable manner as the French Collateral Security Agent (or such agent) has determined, is not practicable by reason of a Collateral Settlement Disruption Event having occurred and continuing on any Collateral Delivery Date then such Collateral Delivery Date for such Secured Securities shall be postponed to the first following Business Day in respect of which there is no such Collateral Settlement Disruption Event, provided that the French Collateral Security Agent (or such agent) may elect without liability to any party to deliver the Entitlement in such other commercially reasonable manner as it may select and in such event the Collateral Delivery Date shall be such day as the French Collateral Security Agent (or such agent) deems appropriate in connection with delivery of the Entitlement in such other commercially reasonable manner. For the avoidance of doubt, where a Collateral Settlement Disruption Event affects some but not all of the Collateral Assets comprising the Entitlement, the Collateral Delivery Date for the Collateral Assets not affected by the Collateral Settlement Disruption Event will be the originally designated Collateral Delivery Date.

If delivery of the relevant Entitlement is not possible due to the occurrence of a Collateral Settlement Disruption Event, for a period of greater than the Collateral Settlement Disruption Period, then in lieu of physical settlement and notwithstanding any other provision hereof, the French Collateral Security Agent (or such agent on its behalf) shall sell or realise the Undeliverable Collateral Assets, provided that the provisions of Collateral Security Condition 7.2 shall apply in the event that it is not possible for the French Collateral Security Agent to sell the relevant Undeliverable Collateral Assets within a period of two years. The French Collateral Security Agent shall give notice as soon as practicable to the Holders in accordance with Security Condition 10 that a Collateral Settlement Disruption Event has occurred. No Holder shall be entitled to any payment in respect of the relevant Secured Security in the event of any delay in the delivery of the Entitlement due to the occurrence of a Collateral Settlement Disruption Event and no liability in respect thereof shall attach to the Issuer, the Guarantor or the French Collateral Security Agent (or any agent on its behalf).

### 7.7 Enforcement by Holders

No Holder shall be entitled to enforce the Security Interests or to proceed directly against the Issuer to enforce the other provisions of the Security Agreements unless the French Collateral Security Agent, having become bound so to enforce or to proceed, fails so to do within a reasonable time and such failure is continuing or the French Collateral Security Agent is prevented from doing so by any court order.

### 7.8 Redemption

Where Physical Delivery of Collateral is not applicable to a series of Secured Securities, following payment in full by the Issuer and/or the Guarantor of the Shortfall (if any) in respect of a Secured Security and/or payment to the Holder of a Secured Security of an amount in aggregate equal to the Security Termination Amount the relevant Secured Security shall be deemed to have been redeemed. Where Physical Delivery of Collateral is applicable to a series of Secured Securities, following delivery to the Holder of a Secured Security of Collateral Assets in an amount equal to the relevant Delivery Share by the French Collateral Security Agent (or its agent)(together with any Rounding Amount payable) and, where applicable, payment in full by the Issuer and/or the Guarantor of the Shortfall (if any) in respect of such Secured Security, the relevant Secured Security shall be deemed to have been redeemed.

### 7.9 Collateral Calculation Agent Replacement

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Following the occurrence of an Enforcement Event, if either: (i) the Collateral Calculation Agent fails to make the applicable calculations and determinations specified in these Collateral Security Conditions or fails to notify the French Collateral Security Agent of the results of such calculations and determinations within 15 Business Days of a request from the French Collateral Security Agent (or any agent acting on its behalf) to make such calculations and determinations or (ii) the Collateral Calculation Agent has notified to the French Collateral Security Agent that it is unable to perform the calculations or other duties required of it by these Collateral Security Conditions, the French Collateral Security Agent may and shall, if instructed to do so in accordance with Collateral Security Condition 7.2 and indemnified and/or secured and/or pre-funded to its satisfaction, terminate the appointment of the Collateral Calculation Agent and appoint one or more successor Collateral Calculation Agent.

### 7.10 Disposal Agent

Upon the occurrence of an Enforcement Event, the French Collateral Security Agent may and shall, if instructed to do so in accordance with Collateral Security Condition 7.2 and indemnified and/or secured and/or pre-funded to its satisfaction, appoint and instruct a disposal agent to effect a liquidation and realisation of the relevant Collateral Assets, (where Physical Delivery of Collateral is specified as applicable) to effect delivery of the Specified Reference Collateral Assets to each Holder of a Secured Security, to sell or realise any Undeliverable Collateral Assets or to undertake any other action contemplated as being performed by the French Collateral Security Agent in these Collateral Security Conditions.

## 8. Redemption

Security Conditions 34.1-34.8 (inclusive) will not apply.

### 8.1 General

Unless the Certificates are Exercisable Certificates, subject as provided in these Terms and Conditions, provided no Enforcement Event or Early Redemption Event has occurred, each Certificate (other than a Credit Notional Value Repack Security) will be redeemed by the Issuer:

- (a) in the case of a Cash Settled Certificate, by payment of the Cash Settlement Amount; or
- (b) in the case of a Physical Delivery Certificate, subject as provided in Security Conditions 5 and 35, by delivery of the Entitlement,

such redemption to occur in either case, subject as provided below, on the date falling on the fifth Business Day following the Valuation Date, unless specified otherwise in the applicable Final Terms (the "**Redemption Date**") provided that if Deferral of Payments or Suspension of Payments is specified as applicable in the applicable Final Terms, upon the occurrence of a Payment Deferment Event, each Security shall be finally redeemed on the Final Deferred Payment Date by payment of the Cash Settlement Amount or, in the case of a Physical Delivery Certificate, subject as provided in Security Conditions 5 and 35, by delivery of the Entitlement if no Early Redemption Event results from such Payment Deferment Event or, where as a consequence of the failure of the relevant RCA Reference Entity (whose default gave rise to the Payment Deferment Event) to cure the relevant Payment Deferment Event within the grace period applicable thereto (where Deferral of Payments is applicable), or an Early Redemption Event occurs within the Suspension Period (where Suspension of Payments is applicable), the Issuer delivers an Early Redemption Notice in respect of the relevant RCA Reference Entity, each Certificate shall be redeemed in accordance with Collateral Security Condition 5 and no interest shall accrue in respect of the period from the scheduled Redemption Date to the date on which the Certificates are finally redeemed. If (i) the date for payment of any amount in respect of the Certificates is not a

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Business Day, the holder thereof shall not be entitled to payment until the next following Business Day and shall not be entitled to any further payment in respect of such delay or (ii) the date for delivery of any Entitlement in respect of the Certificates is not a Settlement Business Day (as defined in Security Condition 5.1), the Holder thereof shall not be entitled to delivery of the Entitlement until the next following Settlement Business Day.

The Certificates may also be subject to automatic early redemption upon the occurrence of an Automatic Early Redemption Event, as defined in and in accordance with the provisions of Security Condition 34.9 if specified in the applicable Final Terms.

### 8.2 Credit Notional Value Repack Securities

Subject as provided in these Terms and Conditions and as specified in the applicable Final Terms and provided no Enforcement Event or Early Redemption Event has occurred, each Credit Notional Value Repack Security will be redeemed by the Issuer by payment of the Cash Settlement Amount such redemption to occur on the Redemption Date specified in the applicable Final Terms subject as provided in Annex 12 (Additional Terms and Conditions for Credit Securities). If the date for payment of any amount in respect of the Certificates is not a Business Day, the holder thereof shall not be entitled to payment until the next following Business Day and shall not be entitled to any payment in respect of such delay.

### 8.3 Issuer Call Option

If Issuer Call Option is specified in the applicable Final Terms and a Call Event occurs, the Issuer shall, provided that no Early Redemption Event and no Enforcement Event has occurred and having given not less than the minimum notice period nor more than the maximum notice period (if any) specified in the applicable Final Terms (the "**Notice Period**") notice to the Holders in accordance with Security Condition 10 (which notice shall be irrevocable and shall specify the date fixed for redemption), redeem all of the Certificates then outstanding at the Optional Redemption Amount on the Optional Redemption Date specified in the applicable Final Terms together, if appropriate, with interest accrued to (but excluding) the relevant Optional Redemption Date.

The "**Optional Redemption Amount**", in respect of each Certificate, shall be an amount calculated by the Calculation Agent equal to the Notional Amount multiplied by the percentage specified in the applicable Final Terms. Following the redemption in full of each Certificate at its Optional Redemption Amount on the Optional Redemption Date, for the avoidance of doubt, no further interest amounts will be payable in respect of the Certificates.

### 8.4 Redemption in Instalments

If the applicable Final Terms specify that the Certificates are Instalment Certificates, each Certificate will be redeemed in the Instalment Amounts and on the Instalment Dates specified in the applicable Final Terms.

### 8.5 Redemption of Partly Paid Certificates

Partly Paid Certificates will be redeemed in accordance with the provisions set out in the applicable Final Terms.

### 8.6 Exercise of Certificates

If the Certificates are Cash Settled Certificates and Exercise of Certificates is specified as applicable in the applicable Final Terms, provided no Enforcement Event or Early Redemption has occurred, the

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Certificates (such as **Exercisable Certificates**) will be automatically exercised on the Exercise Date, or, if Multiple Exercise is specified as applicable in the applicable Final Terms, each Exercise Date subject as provided in the following paragraph and, in the case of Credit Certificates, to the provisions of Annex 12 (Additional Terms and Conditions for Credit Securities). Upon automatic exercise each Certificate entitles its Holder to receive from the Issuer the Cash Settlement Amount on the Redemption Date or, if Multiple Exercise is specified as applicable in the applicable Final Terms, the relevant Exercise Settlement Date.

### 8.7 Open End Certificates

If "Open End" is specified as applicable in the relevant Final Terms, the Redemption Date of such Open End Certificates will, notwithstanding any provision to the contrary, be the date falling (5) five Business Days after the relevant Averaging Date, Observation Date, Strike Date or, as applicable, Valuation Date determined by the Issuer, provided that the relevant Averaging Date, Observation Date, Strike Date or Valuation Date so-determined by the Issuer is notified to the Holders at the latest ten (10) Business Days prior to the contemplated date in accordance with Security Condition 10.

If a Certificate is an Open End Certificate, "Knock-in Event" and "Knock-out Event" may not be specified as applicable in the relevant Final Terms in respect of such Certificate.

### 8.8 Physical Delivery Certificates

Where the Secured Securities are also specified to be Physical Delivery Securities in the applicable Final Terms:

- (a) Security Conditions 30 and 35.2 shall apply provided that the definition of Entitlement in Security Condition 28 shall be deleted and replaced with the following:

**"Entitlement"** means in relation to a Physical Delivery Certificate, the quantity of the Relevant Asset or the Relevant Assets, as the case may be, which a Holder is entitled to receive on the Redemption Date in respect of each such Certificate following payment of any sums payable (including Expenses as defined in Condition 11 rounded down as provided in Condition 35.2(c) as determined by the Calculation Agent including any documents evidencing such Entitlement which amount will be a pro rata share of the Relevant Assets applicable to such Security (unless specified in the applicable Final Terms) or (in the case of a Credit Notional Value Certificate) the relevant obligations and/or other assets as specified in the Credit Security Conditions); and

- (b) Security Condition 5.1 shall be deemed deleted and replaced with the following:

#### "5.1 Physical Settlement Disruption

If, in the opinion of the Calculation Agent, delivery of the Entitlement using the method of delivery specified in the applicable Final Terms or such commercially reasonable manner as the Calculation Agent has determined is not practicable by reason of a Settlement Disruption Event (as defined below) having occurred and continuing on any Delivery Date, then such Delivery Date, for such Securities shall be postponed to the first following Settlement Business Day in respect of which there is no such Settlement Disruption Event, provided that the Issuer may elect to satisfy its obligations in respect of the relevant Security by delivering the Entitlement using such other commercially reasonable manner as it may select and in such event the Settlement Date shall be such day as the Issuer deems appropriate in connection with delivery of the Entitlement in such other commercially reasonable manner. For the

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

avoidance of doubt, where a Settlement Disruption Event affects some but not all of the Relevant Assets comprising the Entitlement, the Delivery Date, as the case may be, for the Relevant Assets not affected by the Settlement Disruption Event will be the originally designated Delivery Date.

For so long as delivery of the Entitlement is not practicable by reason of a Settlement Disruption Event, then in lieu of physical settlement and notwithstanding any other provision hereof, the Issuer may elect to satisfy its obligations in respect of the relevant Securities by payment to the Holders of an amount equal to the Disruption Cash Settlement Price (as defined below), to be apportioned pro rata amongst the relevant Holders on the tenth Business Day following the Issuer's receipt of the proceeds received from the sale of any Undelivered Reference Collateral Assets and the Issuer shall also give notice of such election to the Holders in accordance with Condition 10. Payment of the Disruption Cash Settlement Price will be made in such manner as shall be notified to the Holders in accordance with Condition 10. The Calculation Agent shall give notice as soon as practicable to the Holders in accordance with Condition 10 that a Settlement Disruption Event has occurred. No Holder shall be entitled to any payment in respect of the relevant Security in the event of any delay in the delivery of the Entitlement due to the occurrence of a Settlement Disruption Event and no liability in respect thereof shall attach to the Issuer or the Guarantor (if any).

For the purposes hereof:

**"Disruption Cash Settlement Price"** means the sale proceeds realised by the sale of any Undelivered Reference Collateral Assets where such sale shall take place in accordance with Collateral Security Condition 5.3 (as if, regardless of whether Collateral Physical Settlement is specified as being applicable in the applicable Final Terms, an Early Redemption Event had occurred);

**"Settlement Business Day"** has the meaning specified in the applicable Final Terms; and

**"Settlement Disruption Event"** means, the Issuer or the Calculation Agent determines, acting in good faith and in a commercially reasonable manner, that it is illegal, impossible or impracticable for the Issuer or any of its Affiliates to make delivery of the Relevant Asset(s) in whole or in part and/or due to an event beyond the control of the Issuer, the Issuer or any of its Affiliates, cannot make delivery of the Relevant Asset(s) using the method specified in the applicable Final Terms."

### 9. Payments

Security Condition 35.1 shall not apply. Subject as provided below, the Issuer shall pay or cause to be paid the Cash Settlement Amount or the relevant amount (if any) payable under the Credit Security Conditions (or in the case of Instalment Certificates, each Instalment Amount) or Security Realised Amount and an amount equal to the Shortfall (if any) for each Certificate by credit or transfer to the Holder's account with Euroclear France or with the relevant Account Holder for value on the Redemption Date (or (a) in the case of Instalment Certificates, on the relevant Instalment Date; or (b) if Multiple Exercise is specified as applicable in the applicable Final Terms, on the relevant Exercise Settlement Date) less any Expenses, such payment to be made in accordance with the rules of Euroclear France or the Account Holder. Payment of any Shortfall by the Guarantor shall be made in the same manner as the Security Realised Amount is paid by, or on behalf of, the Issuer.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Where the Certificates pay interest, subject as provided below, the Issuer shall pay or cause to be paid the Interest Amount for each Certificate in respect of each Interest Payment Date by credit or transfer to the Holder's account with Euroclear France for value on the relevant Interest Payment Date, such payment to be made in accordance with the rules of Euroclear France.

The Issuer or the Guarantor will be discharged by payment to, or to the order of, Euroclear France or, as the case may be, the relevant Account Holder, in respect of the amount so paid. Each of the persons shown in the records of Euroclear France or whose name appears in the account of the relevant Account Holder as the holder of a particular amount of the Certificates must look solely to Euroclear France or, as the case may be, the relevant Account Holder for his share of each such payment so made to, or to the order of, Euroclear France or the Account Holder.

In the case of OET Certificates, the Issuer shall confirm to the Principal Security Agent and to the relevant Account Holders the Cash Settlement Amount to be paid in respect of each OET Certificate.

If the determination of any amount in respect of interest or premium amount due in respect of the Certificates on an Interest Payment Date or Premium Amount Payment Date (such date a "**Scheduled Payment Date**") is calculated by reference to the valuation of one or more Underlying Reference(s) and the date (or final date, as the case may be) for such valuation is postponed or delayed as provided in the Terms and Conditions to a date (such date the "**Delayed Date**") falling less than two Business Days preceding such Scheduled Payment Date, notwithstanding any provision to the contrary in the Terms and Conditions such Interest Payment Date or Premium Amount Payment Date, as the case may be, shall be postponed to the day falling two Business Days following such Delayed Date and no interest, premium or other amount shall be payable on the Certificates in respect of such delay.

Payments will be subject in all cases to any fiscal or other laws and regulations applicable thereto in the place of payment or other laws and regulations to which the relevant Issuer, the relevant Security Agent and the Registrar (in the case of Registered Securities) are subject.

### 10. Removal, Indemnification and Liability of the French Collateral Security Agent

The French Collateral Security Agency and Pledge Agreement contains provisions for the appointment, retirement and removal of the French Collateral Security Agent, in accordance with article 2328-1 or, as applicable, articles 2488-6 to 2488-12 of the French *Code civil*. The Issuer shall as soon as practicable after the appointment of a new French collateral security agent notify the Holders of such appointment in accordance with Security Condition 10.

The French Collateral Security Agency and Pledge Agreement contains provisions for the indemnification of the French Collateral Security Agent and for its relief from responsibility including for the exercise of any voting rights in respect of the Collateral Assets or for the value, validity, sufficiency and enforceability (which the French Collateral Security Agent has not investigated) of the security created over the Collateral Assets. The French Collateral Security Agent is not obliged to take any action under the French Collateral Security Agency and Pledge Agreement, the Securities, these Collateral Security Conditions or otherwise unless indemnified and/or secured and/or pre-funded to its satisfaction. The French Collateral Security Agent will not be liable to any party for any act or omission in connection with its role under or for the purposes of the French Collateral Security Agency and Pledge Agreement or these Collateral Security Conditions in the absence of its own gross negligence, wilful default or fraud. The French Collateral Security Agent and any affiliate is entitled to enter into business transactions with the Issuer, the Guarantor, any issuer or guarantor (where applicable) of any of the Collateral Assets, any party other than the Issuer under a Related Agreement (including, without

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

limitation, the Swap Counterparty), or any of their subsidiary, holding or associated companies without accounting to the Holders for profit resulting therefrom.

The French Collateral Security Agent is exempted from liability with respect to any loss or theft or reduction in value (as appropriate) of the Collateral Assets from any obligation to insure or to procure the insuring of the Collateral Assets (or any documents evidencing, constituting or representing the same or transferring any rights or obligations thereunder) and from any claim arising from the fact that the Collateral Assets are held in an account with a clearing agent in accordance with that relevant clearing agent's rules or otherwise held in safe custody by the Collateral Custodian or any custodian whether or not selected by the French Collateral Security Agent (in each case, if applicable). The French Collateral Security Agent is not responsible for supervising the performance by (i) the Issuer of its own obligations and (ii) any other person of their obligations to the Issuer.

For the purposes of this Collateral Security Condition 10, each of the Issuer and the Guarantor expressly accepts and confirms, for the purposes of articles 1278 and 1281 of the Luxembourg civil code, that notwithstanding any assignment, transfer and/or novation permitted under and made in accordance with the provisions of the French Collateral Security Agency and Pledge Agreement or any agreement referred to therein to which the Issuer and the Guarantor are party, any security created or guarantee given under the French Collateral Security Agency and Pledge Agreement shall be reserved for the benefit of the new French collateral security agent (for itself and as agent of each other Secured Party).

### 11. **Residual Shortfall**

Without prejudice to the rights of a Holder under the Guarantee, if the net proceeds of the enforcement of the Security Interests created pursuant to the French Collateral Security Agency and Pledge Agreement, the Pledge Agreement and/or any Additional Security Document or Alternative Security Document in respect of the Charged Assets following payment of all prior ranking amounts (the "**Net Proceeds**") are not sufficient to make all payments due in respect of such Securities, then:

- (i) save where Security Value Termination Amount is the applicable Security Termination Amount, the obligations of the Issuer in respect of such Securities will be limited to such Net Proceeds and neither the French Collateral Security Agent nor any Secured Party nor anyone acting on behalf of any Secured Party shall have any claim in respect of any asset of the Issuer not forming part of the Charged Assets and
- (ii) save where Security Value Termination Amount is the applicable Security Termination Amount, the Issuer will not be obliged to make any further payment in excess of the Net Proceeds and any Holder's right to receive any further sums in respect of any Residual Shortfall shall be extinguished in full, and neither the French Collateral Security Agent nor any Secured Party nor anyone acting on behalf of any Secured Party shall be entitled to take any further steps against the Issuer or the French Collateral Security Agent to recover any such Residual Shortfall.

No Holder or other Secured Party nor any party to the French Collateral Security Agency and Pledge Agreement shall be entitled to petition or take any other step for the winding-up of the Issuer (including, without limitation, the opening of any bankruptcy, insolvency, voluntary or judicial liquidation, composition with creditors, fraudulent conveyance, general settlement with creditors or reorganisation proceedings or similar proceedings affecting the rights of creditors generally) or appoint an examiner in respect of the Issuer (including, without limitation, the appointment of any receiver (except any receiver appointed by the French Collateral Security Agent pursuant to the French Collateral Security Agency and Pledge Agreement) or liquidator). Failure by the Issuer to make any payment in respect of any



## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

Residual Shortfall shall in no circumstances constitute an Event of Default under Collateral Security Condition 7.

In this Condition, "**Residual Shortfall**" means the difference, if any, between the Net Proceeds and the aggregate amount which would have been due under the Securities but for the operation of this Collateral Security Condition 11.

Where the Security Termination Amount specified in the applicable Final Terms is Security Value Termination Amount, the Issuer shall remain liable for any shortfall calculated in accordance with Collateral Security Condition 7.4 and this Collateral Security Condition 11 shall not apply to reduce the amount payable by the Issuer.

### 12. Further Issues

Security Condition 12 shall be deleted and the following substituted therefor:

#### "12. FURTHER ISSUES

The Issuer shall be at liberty from time to time without the consent of Holders to create and issue further Securities having terms and conditions the same as the Securities or terms and conditions which are the same in all respects save for the Issue Date and the Issue Price, the amount and date of the first interest payment thereon (if any), amount of Reference Collateral Assets (if any) and/or the date from which interest (if any) starts to accrue, such further Securities being consolidated and forming a single series with the outstanding Securities, provided that, in the case of U.S. Securities, if (i) such further Securities are treated as debt for U.S. federal income tax purposes, (ii) either the original Securities or such further Securities are issued in compliance with Rule 144A and (iii) such further Securities are not (1) issued pursuant to a "qualified reopening" of the original series, (2) treated as part of the same "issue" of debt instruments as the original series or (3) issued with no more than a de minimis amount of original discount, in each case for U.S. federal income tax purposes, such further Securities will have a separate ISIN or other identifier. Any such further securities shall only form a single issue with the Securities, (unless otherwise approved by an Extraordinary Resolution) if the Issuer provides additional assets as security for such further securities which are fungible with, and have the same proportionate composition as, those forming part of the Charged Assets for the Securities and in the same proportion that the aggregate notional amount of such new securities bears to the aggregate Notional Amount of the existing outstanding Securities and/or the Issuer enters into, or has the benefit of, additional or supplemental or amended Swap Agreements and Collateral Exchange Agreements extending the terms of any existing Swap Agreements and Collateral Exchange Agreements (if any) to the new securities on terms no less favourable than such existing documents and agreements and, subject to the terms of the Security Trust Deed, the Issuer may make modifications to the terms and conditions of the Securities, to the terms of the Swap Agreement, Collateral Exchange Agreement and the Pledge Agreement without the consent of the Holders and/or the Security Trustee to reflect the issue of any further issues of securities expressed to be consolidated and form a single series with the original issue of Securities of the relevant Series in accordance with this Condition 12. Notwithstanding the foregoing, no amendment to the Terms and Conditions made by the Issuer in accordance with this Condition 12 which imposes additional obligations or duties on the Definitive Security Agent or the New York Security Agent shall take effect unless the affected Definitive Security Agent or New York Security Agent, as the case may be, has provided its prior written consent to the imposition of such additional obligations or duties."

### 13. Recognition of Bail-in and Loss Absorption

Security Conditions 37.1 to 37.8 (inclusive) shall not apply to the Certificates, provided that Security Conditions 37.1 to 37.8 (inclusive)\_shall apply to the Guarantee applicable to Secured Securities.

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

### ANNEX TO THE ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

#### ELIGIBLE COLLATERAL ANNEX

This Eligible Collateral Annex applies where either Part A or Part B or Part C or Part D of Annex 13 (Additional Terms and Conditions for Secured Securities) applies to the relevant Secured Securities. The Eligible Collateral in respect of a Series of Secured Securities may consist of the following, or any combination of the following, types of assets described below.

#### 1. ELIGIBLE CASH

**"Eligible Cash"** being cash in Euro or any other Eligible Currency (as specified in the applicable Final Terms).

#### 2. EQUITY ELIGIBILITY CRITERIA

**"Eligible Equity Collateral"** may include any one (or combination) of the following:

- (a) common shares or stock;
- (b) preference shares or stock;
- (c) convertible common shares or stock;
- (d) convertible preference shares or stock;
- (e) American depositary receipts ("**ADRs**");
- (f) global depositary receipts ("**GDRs**");
- (g) warrants, or
- (h) any other type of asset which represents a share of an equity interest in an entity,

(each type of asset, an "**Equity Collateral Security**" and together, the "**Equity Collateral Securities**").

In order to constitute Eligible Equity Collateral, the relevant asset (i) must be an Equity Collateral Security, (ii) may be listed on a regulated market or an equivalent thereto and (iii) may or may not confer voting rights on the holder thereof.

The relevant Final Terms may specify further details of the issuer of the Eligible Equity Collateral and where relevant details of any particular Equity Collateral Security which is to constitute Eligible Collateral in respect of the relevant Collateral Pool.

#### 3. DEBT ELIGIBILITY CRITERIA

**"Eligible Debt Collateral"** may include any one (or combination) of the following:

- (a) bonds, notes, commercial paper, deposits or certificates issued by a corporate, bank or other financial institution, government, governmental agency, municipal entity or supranational entity whose interest and/or principal payments may be linked to the performance of any underlying factor ("**Linked Note Collateral**");
- (b) bonds, notes, commercial paper, deposits or certificates issued by a corporate, bank or other financial institution whose interest and/or principal payments may be linked to the

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

creditworthiness of a single reference entity or a basket of reference entities ("**Credit Linked Note Collateral**");

- (c) bonds or notes linked to the issuer's participation in a portion of one or more outstanding commercial loans ("**Loan Participation Note Collateral**");
- (d) participation or rights in respect of one or more commercial loans ("**Loan Collateral**");
- (e) bonds (i) convertible, at the option of the holder or otherwise, into shares in the issuing company ("**Convertible Bond Collateral**") or (ii) exchangeable, at the option of the holder or otherwise, into shares in another specified company ("**Exchangeable Bond Collateral**");
- (f) bonds issued by a bank or institution that provides recourse to the issuing entity's assets as well as to a pool of mortgages or public sector assets protected from the insolvency of the issuing institution ("**Covered Bond Collateral**");
- (g) Covered Bond Collateral issued by a German mortgage bank or public sector bank ("**Pfandbriefe Collateral**"); or
- (h) bonds, notes, commercial paper, deposits or certificates issued by a corporate, bank or other financial institution, government, governmental agency, municipal entity or supranational entity not bearing interest, having a principal repayment obligation equal to the face amount of such bond, note, commercial paper, deposit or certificate ("**Zero Coupon Bond Collateral**"); or
- (i) bonds, notes, commercial paper, deposits or certificates issued by a corporate, bank or other financial institution, government, governmental agency, municipal entity or supranational entity bearing a fixed or floating rate of interest, having a principal repayment obligation equal to the face amount of such bond, note, commercial paper, deposit or certificate and which are not Linked Note Collateral, Credit Linked Note Collateral, Loan Participation Note Collateral, Loan Collateral, Convertible Bond Collateral, Exchangeable Bond Collateral, Covered Bond Collateral, Pfandbriefe Collateral or Zero Coupon Bond Collateral ("**Vanilla Debt Securities**"); or

(each type of asset, a "**Debt Collateral Security**" and together, the "**Debt Collateral Securities**").

In order to constitute Eligible Debt Collateral, the relevant asset (i) must be a Debt Collateral Security, (ii) may not be an Asset Backed Security, (iii) may be listed and (iv) may be secured or unsecured.

The relevant Final Terms may specify further details of the issuer of the Eligible Debt Collateral and where relevant details of any particular Debt Collateral Security which is to constitute Eligible Collateral in respect of the relevant Collateral Pool.

### 4. ABS ELIGIBILITY CRITERIA

"**Eligible ABS Collateral**" may include any one (or combination) of the following types of assets:

Any Debt Collateral Security which has the following characteristics:

- (a) the timing and/or amount of payments of interest and/or repayment of principal depend on the cash flow from a financial asset or a pool of financial assets (including one or more loans); or
- (b) payments of interest and/or repayment of principal are linked, directly or indirectly, to the credit of one or more obligors and/or value and/or price performance and/or cash flow of a financial asset or a pool of financial assets,

## ANNEX 13 – ADDITIONAL TERMS AND CONDITIONS FOR SECURED SECURITIES

and, in each case, by its terms may pay an amount in cash to its holder within a finite time period, and/or with such other rights or assets designed to assure the servicing or timely distribution of proceeds to holders of such Debt Security, (each type of asset, an "**Asset Backed Security**" and together, the "**Asset Backed Securities**").

In order to constitute ABS Collateral, the relevant asset must be an Asset Backed Security that is listed.

The relevant Final Terms may specify further details of the issuer of the Eligible ABS Collateral and where relevant details of any particular Asset Backed Security which is to constitute Eligible Collateral in respect of the relevant Collateral Pool.

### 5. ELIGIBLE FUND COLLATERAL

"**Eligible Fund Collateral**" may include any one (or combination) of the following:

- (a) common shares or stock in a Collective Investment Scheme;
- (b) preference shares or stock in a Collective Investment Scheme;
- (c) units in a Collective Investment Scheme;
- (d) any other type of asset which represents a share, interest or unit in a Collective Investment Scheme; or
- (e) any cash standing to the credit of a managed account,

(each type of asset, a "**Fund Collateral Security**" and together, the "**Fund Collateral Securities**").

In order to constitute Eligible Fund Collateral, the relevant asset must be a Fund Collateral Security.

The relevant Final Terms may specify further details of the issuer of the Eligible Fund Collateral and where relevant details of any particular Fund Collateral Security which is to constitute Eligible Collateral in respect of the relevant Collateral Pool.

**ANNEX 14 – ADDITIONAL TERMS AND CONDITIONS FOR PREFERENCE SHARE  
CERTIFICATES**

**ANNEX 14**

**ADDITIONAL TERMS AND CONDITIONS FOR PREFERENCE SHARE CERTIFICATES**

**CONTENTS**

1.	Definitions .....	1176
2.	Security Conditions and the Share Security Conditions .....	1177
3.	Amendments to the Security Conditions.....	1177
4.	Amendments to the Share Security Conditions.....	1178
5.	Early Redemption .....	1178
6.	Final Payout .....	1178
7.	Calculations and Determinations .....	1179

If specified as applicable in the applicable Final Terms, the terms and conditions applicable to Certificates specified in the applicable Final Terms as Preference Share Certificates shall comprise terms and conditions of Securities (the "**Security Conditions**") and the additional Terms and Conditions for Preference Share Certificates set out below (the "**Preference Share Certificate Conditions**"), in each case together with any other additional terms and conditions specified in the applicable Final Terms and subject to completion in the applicable Final Terms. In the event of any inconsistency between (i) the Security Conditions and (ii) the Preference Share Certificate Conditions, the Security Conditions shall prevail.

**1. Definitions**

"**Early Preference Share Redemption Date**" means a date upon which the Preference Shares are redeemed prior to their planned maturity, as specified in the relevant Early Redemption Notice.

"**Early Redemption Amount**" means, in respect of each Certificate, an amount in the Settlement Currency calculated by the Calculation Agent on the same basis as the Cash Settlement Amount except that the definition of Preference Share Value<sub>final</sub> shall be the Preference Share Value on the day falling two Business Days before the Early Redemption Date.

"**Early Redemption Certificate Amount**" means, in respect of each Certificate, an amount in the Settlement Currency calculated by the Calculation Agent equal to:

$$\text{Issue Price} \times \frac{\text{Preference Share Value}_{\text{early}}}{\text{Preference Share Value}_{\text{initial}}}$$

where:

"**Preference Share Value<sub>early</sub>**" means the Preference Share Value on the Early Preference Share Redemption Date.

"**Early Redemption Date**" means the date selected by the Issuer falling not more than 10 Business Days immediately succeeding the date on which the illegality, force majeure, Potential Adjustment Event, Additional Disruption Event, Optional Additional Disruption Event or Extraordinary Event, as the case may be, occurs.

## ANNEX 14 – ADDITIONAL TERMS AND CONDITIONS FOR PREFERENCE SHARE CERTIFICATES

**"Early Redemption Notice"** means the notice of early redemption given in respect of the Preference Shares.

**"Final Valuation Date"** means the Preference Share Redemption Valuation Date.

**"Initial Valuation Date"** means the Issue Date of the first Tranche of the Certificates or, if the date for valuation of or any determination of the underlying asset or reference basis (or any part thereof) for the Preference Shares falling on or about such day is to be delayed in accordance with the terms and conditions of the Preference Shares by reason of a disruption or adjustment event, the Initial Valuation Date shall be such delayed valuation or determination date(s), all as determined by the Calculation Agent.

**"Preference Share"** means the redeemable Preference Shares specified in the applicable Final Terms issued by BNP Paribas Synergy Limited (the **"Preference Share Issuer"**).

**"Preference Share Redemption Valuation Date"** means the date specified as such in the applicable Final Terms or if the date for valuation of or any determination of the underlying asset or reference basis (or any part thereof) for the Preference Shares falling on or about such day is to be delayed in accordance with the terms and conditions of the Preference Shares by reason of a disruption or adjustment event, the Preference Share Redemption Valuation Date shall be such delayed valuation or determination date(s), all as determined by the Calculation Agent.

**"Preference Share Value"** means, in respect of any day, the market value of a Preference Share on such day, at a time prior to any redemption of such Preference Share, as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner.

**"Redemption Date"** means the Scheduled Redemption Date specified in the applicable Final Terms or if later, the second Business Day immediately following the Preference Share Redemption Valuation Date.

### 2. Security Conditions and the Share Security Conditions

The Security Conditions and the Share Security Conditions as amended below shall apply to the Certificates, save that references to "Share Company", "Share" and "Shares" shall be deemed to be references to "Preference Share Issuer", "Preference Share" and "Preference Shares" respectively.

### 3. Amendments to the Security Conditions

3.1 Condition 12 (Further Issues) shall be deleted and the following substituted therefor:

#### **"12. FURTHER ISSUES"**

The Issuer shall be at liberty from time to time without the consent of Holders to create and issue further Securities so as to be consolidated with and form a single series with the outstanding Securities, provided that, the aggregate nominal value of all further issues of Securities does not exceed the nominal value of the original issue of Securities."

3.2 If the Issuer redeems the Certificates pursuant to Condition 7.1 (Illegality) or Condition 7.2 (Force Majeure), then, notwithstanding any provision to the contrary in Condition 7.1 (Illegality) or Condition 7.2 (Force Majeure), the Issuer will redeem each Certificate by paying an amount to each Holder in respect of each Certificate held by such Holder equal to the Early Redemption Amount on the Early Redemption Date.

3.3 Condition 15.2 shall be deleted and the following substituted therefor:

**ANNEX 14 – ADDITIONAL TERMS AND CONDITIONS FOR PREFERENCE SHARE  
CERTIFICATES**

"15.2 If an Additional Disruption Event and/or an Optional Additional Disruption Event occurs, the Issuer may (but is not obliged to) on giving notice to the Holders in accordance with Condition 10 redeem all (but not some only) of the Certificates each Certificate being redeemed at the Early Redemption Amount on the Early Redemption Date."

3.4 Condition 15.3 will not apply to the Certificates.

**4. Amendments to the Share Security Conditions**

4.1 Share Security Condition 1, Share Security Condition 2 and Share Security Condition 5 will not apply to the Certificates.

4.2 Share Security Condition 3 shall be amended by:

(i) the deletion of the last two paragraphs thereof and the substitution of the following therefor:

"Following the declaration by the Preference Share Issuer of the terms of any Potential Adjustment Event, the Issuer may (but is not obliged to) on giving notice to the Holders in accordance with Condition 10 redeem all (but not some only) of the Certificates each Certificate being redeemed at the Early Redemption Amount on the Early Redemption Date."; and

(ii) the deletion of the words ", provided that any adjustment effected as a result of such an event shall be readjusted upon any redemption of such rights" in sub-paragraph (f) of the definition of "Potential Adjustment Event".

4.3 Share Security Condition 4 shall be amended by the deletion of Share Security Condition 4.2 and the substitution of the following therefor:

"4.2 Consequences of the occurrence of an Extraordinary Event:

If an Extraordinary Event occurs in relation to a Preference Share, the Issuer may (but is not obliged to) on giving notice to the Holders in accordance with Condition 10 redeem all (but not some only) of the Certificates each Certificate being redeemed at the Early Redemption Amount on the Early Redemption Date."

4.4 "De-Listing" will not apply to the Certificates.

**5. Early Redemption**

If in the determination of the Calculation Agent the Preference Share Issuer gives an Early Redemption Notice in respect of the Preference Shares, the Issuer shall give notice to Holders in accordance with Condition 10 (save that any such notice delivered to a relevant Clearing System shall be deemed to have been given on the first Business Day following such delivery) and redeem all but not some only of the Certificates, each Certificate being redeemed at the Early Redemption Certificate Amount on the Early Preference Share Redemption Date.

**6. Final Payout**

In the case of Preference Share Certificates, the Final Payout is an amount equal to:

$$\text{Issue Price} \times \frac{\text{Preference Share Value}_{\text{final}}}{\text{Preference Share Value}_{\text{initial}}}$$

## ANNEX 14 – ADDITIONAL TERMS AND CONDITIONS FOR PREFERENCE SHARE CERTIFICATES

where:

"**Preference Share Value<sub>final</sub>**" means the Preference Share Value on the Final Valuation Date; and

"**Preference Share Value<sub>initial</sub>**" means the Preference Share Value on the Initial Valuation Date.

### 7. Calculations and Determinations

The Calculation Agent will make the calculations and determinations as described in the Conditions of the Certificates in such a manner as the Calculation Agent determines is appropriate acting in good faith and in a commercially reasonable manner (having regard in each case to the criteria stipulated in the Conditions and the hedging arrangements in respect of the Certificates).

Notwithstanding that certain calculations, determinations and adjustments in the terms and conditions of the Certificates may be expressed to be on a certain date, the Calculation Agent may make such calculations, determinations and adjustments in respect of that date on a date after that date determined by it in its discretion.

Pursuant to the Conditions the Calculation Agent has a number of discretions. These are necessary since certain circumstances or the occurrence of certain events in respect of the Certificates and the Preference Shares may materially affect the cost to the Issuer and/or its Affiliates of maintaining the Certificates and/or the Preference Shares or hedging arrangements for the Certificates or the Preference Shares, in each case before and after the occurrence of such event in a way which has not been reflected in the pricing of the Certificates or the Preference Shares. In addition, certain circumstances may arise where it is not reasonably practicable or otherwise not appropriate for certain valuations to be carried out in relation to relevant reference assets and in these circumstances the Calculation Agent also may exercise certain discretions.



**ANNEX 14 – ADDITIONAL TERMS AND CONDITIONS FOR PREFERENCE SHARE  
CERTIFICATES**  
**ANNEX TO THE ADDITIONAL TERMS AND CONDITIONS FOR PREFERENCE SHARE  
CERTIFICATES**

**DESCRIPTION OF THE PREFERENCE SHARE ISSUER  
AND THE PREFERENCE SHARES**

The following is a summary description of the Preference Share Issuer and the Preference Shares.

In respect of Preference Share Certificates, Holders will receive an amount (if any) on redemption determined by reference to the value of one or more preference shares (based on the performance of one or more Preference Share Underlyings).

**BNP Paribas Synergy Limited (the "Preference Share Issuer")**

The Preference Share Issuer is a private company limited by shares and was incorporated under the Companies Act 2006 on 01 February 1989 (with registered number 02342280). The Preference Share Issuer has its registered office at 10 Harewood Avenue, London, NW1 6AA, United Kingdom.

A copy of the Preference Share Issuer's constitutional documents, its audited, non-consolidated annual financial statements, when published, and the Terms of the Preference Shares (as defined below) are available (free of charge) from the registered office of the Preference Share Issuer.

The sole business activity of the Preference Share Issuer is to issue redeemable preference shares. Accordingly, the Preference Share Issuer does not have any trading assets and does not generate any significant net income.

**The Preference Shares**

The Preference Share Issuer may issue redeemable preference shares of any kind, including but not limited to preference shares linked to a specified index or basket of indices, share or basket of shares, currency or basket of currencies, debt instrument or basket of debt instruments, commodity or basket of commodities or to such other underlying instruments, bases of reference or factors (the "**Preference Share Underlying**") and on such terms as may be determined by the Preference Share Issuer and specified in the applicable specific terms and conditions of the relevant series of preference shares (the "**Terms of the Preference Shares**").

The performance of the Preference Shares depends on the performance of the Preference Share Underlying to which the Preference Shares are linked. In determining the value of the Preference Shares, the Preference Share Calculation Agent shall employ the calculation procedure and methodology set out in the applicable Terms of the Preference Shares.

The value of the Preference Shares will be published on an internationally recognised published or electronically displayed price source, as specified in the applicable Final Terms.

**Exposure to the Preference Share Underlying**

The Preference Share Underlying may be a specified index or basket of indices, a specified equity or basket of equities, a specified currency or basket of currencies, a specified commodity, commodity index, basket of commodities or commodity indices, a specified fund share or unit or fund indices or basket of fund shares or units or fund indices or such other underlying instruments, bases of reference or factors as may be determined by the Preference Share Issuer and specified in the Terms of the Preference Shares. Consequently, investors should also consider the risk factors set out in the "*Risks*" section in respect of the risks involved in investing in Securities (in this case the preference shares) linked to certain relevant underlying reference assets.

## **ANNEX 14 – ADDITIONAL TERMS AND CONDITIONS FOR PREFERENCE SHARE CERTIFICATES**

The Terms of the Preference Shares provide that the preference shares will be redeemable on their final redemption date (or otherwise in accordance with the Terms of the Preference Shares). On redemption, the preference shares will carry preferred rights to receive an amount calculated by reference to the performance of the Preference Share Underlying.

### **Potential conflicts of interest in relation to Preference Share Certificates**

The Preference Share Issuer, BNP Paribas Arbitrage S.N.C. in its capacity as the Calculation Agent in respect of the preference shares (the "**Preference Share Calculation Agent**"), the Issuers and Guarantors are each members of the BNP Paribas Group and are affiliates or subsidiaries of the Calculation Agent. As a result of these relationships, potential conflicts of interest may arise between such parties acting in their respective capacities. Subject to any relevant regulatory obligations, the Preference Share Issuer and the Preference Share Calculation Agent owe no duty or responsibility to the relevant Issuer and Guarantor (if applicable) or any Holder to avoid any conflict or to act in the interests of any Holder. The Preference Share Issuer may also rely on members of the BNP Paribas Group (including the Preference Share Calculation Agent) or other service providers to perform its operational requirements. In the event any relevant BNP Paribas Group entities or other service providers fail to perform any obligations, this may adversely affect the value of the preference shares and potentially the amounts payable under the Certificates.

In addition to providing calculation agency services to the Preference Share Issuer, BNP Paribas Arbitrage S.N.C. or any of its affiliates, may perform further or alternative roles relating to the Preference Share Issuer and any other series of preference shares including, but not limited to, for example, being involved in arrangements relating to any of the underlying reference assets (for example as a calculation agent). Further, BNP Paribas Arbitrage S.N.C. or any of its affiliates may contract with the Preference Share Issuer and/or enter into transactions which relate to the Preference Share Issuer, the preference shares or any of the underlying reference assets and as a result BNP Paribas Arbitrage S.N.C. may face a conflict between its obligations as Preference Share Calculation Agent and its and/or its affiliates' interests in other capacities.

## ANNEX 15

## ADDITIONAL TERMS AND CONDITIONS FOR OET CERTIFICATES

## CONTENTS

1.	Definitions .....	1182
2.	Automatic Early Redemption.....	1188

If specified as applicable in the applicable Final Terms, the terms and conditions applicable to Certificates specified in the applicable Final Terms as OET Certificates shall comprise the terms and conditions of Securities (the "**Security Conditions**") and the additional Terms and Conditions for OET Certificates set out below (the "**OET Certificate Conditions**"), in each case together with any other additional terms and conditions specified in the applicable Final Terms and subject to completion in the applicable Final Terms. In the event of any inconsistency between (i) the Security Conditions and (ii) the OET Certificate Conditions, the OET Certificate Conditions shall prevail.

## 1. Definitions

"**Automatic Early Redemption Amount**" means an amount in the Settlement Currency equal to the Automatic Early Redemption Payout set out in the applicable Final Terms. If the product of the Automatic Early Redemption Payout is zero, no amount shall be payable on redemption of the Certificate pursuant to OET Certificate Condition 2.

The Automatic Early Redemption Amount shall be rounded to the nearest sub-unit of the relevant Settlement Currency half of any such sub-unit being rounded upwards or otherwise in accordance with applicable market convention;

"**Automatic Early Redemption Event**" means that, as determined by the Calculation Agent, at the Observation Time(s) on an Automatic Early Redemption Valuation Date (the "**Relevant Automatic Early Redemption Valuation Date**"):

- (a) with respect to an OET Call Certificate, the Observation Price is less than or equal to the applicable Security Threshold; or
- (b) with respect to an OET Put Certificate, the Observation Price is greater than or equal to the applicable Security Threshold;

"**Automatic Early Redemption Valuation Date**" means each Relevant Business Day from (and including) the Issue Date (notwithstanding the occurrence of (in the case of Index OET Certificates, Share OET Certificates, ETI OET Certificates or Currency OET Certificates) a Disrupted Day, (in the case of Commodity OET Certificates, a Commodity Disrupted Day or (otherwise) a Market Disruption Event);

"**Capitalised Exercise Price**" or "**CEP<sub>t</sub>**" means, in respect of a calendar day (day<sub>t</sub>), an amount calculated as follows and rounded upwards or downwards in accordance with the Capitalised Exercise Price Rounding Rule specified in the applicable Final Terms:

$$CEP_t = CEP_{t-1} * (1 + \text{Financing Rate}_{t-1})^{1/360}$$

Except that:

## ANNEX 15 – ADDITIONAL TERMS AND CONDITIONS FOR OET CERTIFICATES

- (a) with respect to Share OET Certificates, ETI OET Certificates and Index OET Certificates (where dividends on the index Shares (as defined below) are not reinvested in the relevant index), and where  $day_t$  is an Ex-Dividend Date, the Capitalised Exercise Price will be calculated as follows and rounded upwards or downwards in accordance with the Capitalised Exercise Price Rounding Rule specified in the applicable Final Terms:

$$CEP_t = CEP_{t-1} * (1 + \text{Financing Rate}_{t-1})^{1/360} - \text{Dividend Adjustment Amount}$$

- (b) with respect to Rolling Futures Contract Securities, and where  $day_t$  is a Futures Rollover Date, the Capitalised Exercise Price will be calculated as follows and rounded upwards or downwards in accordance with the Capitalised Exercise Price Rounding Rule specified in the applicable Final Terms:

$$CEP_t = CEP_{t-1} * (1 + \text{Financing Rate}_{t-1})^{1/360} + \text{Futures Rollover Adjustment Amount}$$

- (c) with respect to Index OET Call Certificates (where dividends on the Index Shares (as defined below) are reinvested in the relevant Index), and where  $day_t$  is an Ex-Dividend Date, the Capitalised Exercise Price will be calculated as follows and rounded upwards or downwards in accordance with the Capitalised Exercise Price Rounding Rule specified in the applicable Final Terms:

$$CEP_t = CEP_{t-1} * (1 + \text{Financing Rate}_{t-1})^{1/360} + \text{Applicable Withholding Tax}$$

for the purposes of this definition:

**"Applicable Withholding Tax"** means an amount calculated by the Calculation Agent equal to the taxes deducted or withheld at source by or on behalf of any applicable authority having the power to tax in respect of the cash dividends and/or other cash distributions payable in respect of the relevant Index Share related to the Ex-Dividend Date pursuant to the applicable double taxation treaty or domestic law prevailing at the time of the distribution;

**" $CEP_{t-1}$ "** means the Capitalised Exercise Price applicable on  $day_{t-1}$ , provided that the Capitalised Exercise Price applicable on the Issue Date shall be equal to the Exercise Price;

**"Dividend Adjustment Amount"** means, in respect of an Ex-Dividend Date, an amount determined by the Calculation Agent equal to (i) the sum of the gross cash dividends and/or other cash distributions payable in respect of the relevant Underlying Reference (or in the case of an Index, in respect of each Index Share) related to such Ex-Dividend Date multiplied by (ii) the Dividend Percentage;

**"Dividend Percentage"** means the percentage specified as such in the applicable Final Terms, provided that the Calculation Agent acting in good faith and in a commercially reasonable manner, may increase or decrease such percentage to reflect any imposition of or adjustment to, any taxes which are deducted or withheld at source by or on behalf of any applicable authority having the power to tax in respect of cash dividends and/or other cash distributions payable in respect of the relevant Underlying Reference (or in the case of an Index, in respect of each Index Share). If the Dividend Percentage is adjusted as provided herein, the adjusted Dividend Percentage, will be notified to Holders in accordance with Security Condition 10 (Notices) as soon as reasonably practicable following such adjustment;

**"Exercise Price"** means the price specified as such in the applicable Final Terms;

**"Financing Rate $_{t-1}$ "** means, the Financing Rate applicable on  $day_{t-1}$ ;

## ANNEX 15 – ADDITIONAL TERMS AND CONDITIONS FOR OET CERTIFICATES

**"Futures Rollover Adjustment Amount"** means an amount, which may be positive or negative, calculated by the Calculation Agent representing the cost to the Issuer and/or its Affiliates of unwinding its hedging arrangements in the Current Exchange-traded Contract or the relevant Futures Contract, as the case may be, less the cost to the Issuer and/or its Affiliates of establishing hedging arrangements in the next Current Exchange-traded Contract or Futures Contract, as the case may be, in each case in respect of the relevant Futures Rollover Date, such amount to be allocated *pro rata* amongst the Certificates.

The Capitalised Exercise Price will be made available (subject to technical failure) during normal business hours on any Local Business Day during the term of the OET Certificates, on the OET Website(s) specified in the applicable Final Terms or such other website as may be notified to the Holders;

**"Conversion Rate"** means, in respect of a day, the rate of exchange (including any rates of exchange pursuant to which the relevant rate of exchange is derived) between the currency of the relevant Underlying Reference and the Settlement Currency, as specified as such in the applicable Final Terms on such day;

**"Ex-Dividend Date"** means, with respect to a Share, ETI Interest (in respect of which a dividend is paid) or share comprising an Index (an **"Index Share"**), the date on which such Share, ETI Interest or Index Share becomes "ex-dividend" as determined by the Calculation Agent;

**"Final Price"** means the Settlement Price or, in the case of Commodity Securities, the Relevant Price on the Valuation Date or Optional Redemption Valuation Date, as applicable;

**"Final Price Early"** means the price of the relevant Underlying Reference, determined by the Calculation Agent on the basis of the price obtained by unwinding any underlying related hedging arrangements in respect of the relevant OET Certificates during the three-hour period immediately following the occurrence of the relevant Automatic Early Redemption Event, provided that (i) the Final Price Early in respect of an OET Call Certificate will be no lower than the lowest Observation Price and (ii) the Final Price Early in respect of an OET Put Certificate will be no greater than the highest Observation Price, in each case determined by the Calculation Agent during such three-hour period, or otherwise, during the opening hours of the relevant Exchange. With respect to OET Certificates relating to an Index, Share or ETI Interest, the above-mentioned three-hour period shall be counted during the opening hours of the relevant Exchange. Accordingly, if the period between the occurrence of the Automatic Early Redemption Event and the official closing time of the relevant Exchange is less than three hours, then the observation period shall extend to the following Relevant Business Day, until a full period of three hours has passed since the occurrence of the Automatic Early Redemption Event. With respect to Currency OET Certificates and Commodity OET Certificates, if a period during a Relevant Business Day is specified in the applicable Final Terms as the Observation Time and the period between the occurrence of the Automatic Early Redemption Event and the end of that period is less than the above mentioned three-hour period, then the observation period shall extend to the following Relevant Business Day beginning at 8:00 am (CET) until a full period of three hours has passed since the occurrence of the Automatic Early Redemption Event;

**"Financing Rate"** means, if applicable, in respect of a calendar day ( $day_t$ ), the rate calculated as

Financing Rate Percentage + Interbank Rate 1 – Interbank Rate 2;

**"Financing Rate Percentage"** means, in the case of OET Call Certificates, the positive rate and, in the case of OET Put Certificates, the negative rate, specified in the applicable Final Terms Provided that the

## ANNEX 15 – ADDITIONAL TERMS AND CONDITIONS FOR OET CERTIFICATES

Calculation Agent may, acting in good faith and in a commercially reasonable manner, select an alternative rate which must be within the Financing Rate Range;

**"Financing Rate Range"** means the range specified as such in the applicable Final Terms;

**"Interbank Rate 1"** means the offered quotation for the rate which appears on the Interbank Rate 1 Screen Page at the Interbank Rate 1 Specified Time on day<sub>t</sub> as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner (the **"Original Interbank Rate 1"**), provided that if (i) the relevant rate does not appear on such page at such time, (ii) there has been a permanent or indefinite cancellation of the relevant rate, (iii) the relevant rate ceases to exist or ceases to be published permanently or indefinitely or (iv) it is unlawful or impracticable for the Calculation Agent to make any calculations or determinations using the relevant rate, the Calculation Agent may determine the relevant rate for such day<sub>t</sub> acting in good faith and in a commercially reasonable manner at such time as it may select. In determining the relevant rate, the Calculation Agent may have regard to any source(s) it considers appropriate, including, but not limited to:

- (a) any alternative rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the currency in which the relevant rate is denominated (each a **"Relevant Nominating Body"**), that is consistent with industry accepted standards, provided that, if two or more alternative rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those rates is most appropriate to preserve the economic features of the relevant Securities;
- (b) any alternative rate that has replaced the Original Interbank Rate 1 in customary market usage in the international debt capital markets for the purposes of determining floating rates of interest on the same basis as the Original Interbank Rate 1; or
- (c) such other rate as the Calculation Agent determines is most comparable to the Original Interbank Rate 1.

The Calculation Agent will apply such adjustments that are formally recommended by any Relevant Nominating Body or, if none, may determine any adjustments that are in customary market usage in the international debt capital markets needed to make the replacement rate comparable to the Original Interbank Rate 1, acting in good faith and in a commercially reasonable manner.

The determination of a replacement rate and any applicable adjustments will (in the absence of manifest error) be final and binding, unless the Calculation Agent subsequently determines in respect of any calendar day that such rate is no longer comparable to the Original Interbank Rate 1 or no longer constitutes an industry accepted successor rate, in which case, a new replacement rate shall be determined in accordance with paragraph (a), (b) or (c) above for each subsequent calendar day. If the Calculation Agent is unable to or otherwise does not determine a further replacement rate, then the rate will remain unchanged;

**"Interbank Rate 1 Screen Page"** means the source specified in the applicable Final Terms;

**"Interbank Rate 1 Specified Time"** means the time specified in the applicable Final Terms or, if no such time is specified, the customary time as of which the relevant Interbank Rate 1 is published;

**"Interbank Rate 2"** means the offered quotation for the rate which appears on the Interbank Rate 2 Screen Page at the Interbank Rate 2 Specified Time on day<sub>t</sub> as determined by the Calculation Agent, acting in good faith and in a commercially reasonable manner (the **"Original Interbank Rate 2"**), provided

## ANNEX 15 – ADDITIONAL TERMS AND CONDITIONS FOR OET CERTIFICATES

that if (i) the relevant rate does not appear on such page at such time, (ii) there has been a permanent or indefinite cancellation of the relevant rate, (iii) the relevant rate ceases to exist or ceases to be published permanently or indefinitely or (iv) it is unlawful or impracticable for the Calculation Agent to make any calculations or determinations using the relevant rate, the Calculation Agent may determine the relevant rate for such day<sub>t</sub> acting in good faith and in a commercially reasonable manner at such time as it may select. In determining the relevant rate, the Calculation Agent may have regard to any sources(s) it considers appropriate, including, but not limited to:

- (a) any alternative rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the currency in which the relevant rate is denominated (each a "Relevant Nominating Body"), that is consistent with industry accepted standards, provided that, if two or more alternative rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those rates is most appropriate to preserve the economic features of the relevant Securities;
- (b) any alternative rate that has replaced the Original Interbank Rate 2 in customary market usage in the international debt capital markets for the purposes of determining floating rates of interest on the same basis as the Original Interbank Rate 2; or
- (c) such other rate as the Calculation Agent determines is most comparable to the Original Interbank Rate 2.

The Calculation Agent will apply such adjustments that are formally recommended by any Relevant Nominating Body or, if none, may determine any adjustments that are in customary market usage in the international debt capital markets needed to make the replacement rate comparable to the Original Interbank Rate 2, acting in good faith and in a commercially reasonable manner.

The determination of a replacement rate and any applicable adjustments will (in the absence of manifest error) be final and binding, unless the Calculation Agent subsequently determines in respect of any calendar day that such rate is no longer comparable to the Original Interbank Rate 2 or no longer constitutes an industry accepted successor rate, in which case, a new replacement rate shall be determined in accordance with paragraph (a), (b) or (c) above for each subsequent calendar day. If the Calculation Agent is unable to or otherwise does not determine a further replacement rate, then the rate will remain unchanged;

**"Interbank Rate 2 Screen Page"** means the source specified in the applicable Final Terms;

**"Interbank Rate 2 Specified Time"** means the time specified in the applicable Final Terms or, if no such time is specified, the customary time as of which the relevant Interbank Rate 2 is published;

**"Local Business Day"** means a day (other than a Saturday or a Sunday) on which commercial banks are open for general business (including dealings in foreign exchange and foreign currency deposits) in the Local Business Day Centre(s) specified in the applicable Final Terms;

**"Observation Price"** means the "official level", "opening price", "official close", "closing price", "purchase price", "sale price", "last price", "bid price", "asked price", "traded price", "official settlement price", "daily settlement price" as specified in the applicable Final Terms, of the Underlying Reference published by the Observation Price Source as determined by the Calculation Agent at the Observation Time(s);

**"Observation Price Source"** means the source specified as such in the applicable Final Terms;

## ANNEX 15 – ADDITIONAL TERMS AND CONDITIONS FOR OET CERTIFICATES

**"Observation Time(s)"** means the time(s) or period(s) of observation specified as such in the applicable Final Terms;

**"Parity"** means the number specified as such in the applicable Final Terms;

**"Relevant Business Day"** means, unless otherwise specified in the applicable Final Terms, an Exchange Business Day (in respect of OET Certificates other than Commodity OET Certificates, Currency OET Certificates or OET Certificates relating to a Custom Index), a Custom Index Business Day (in respect of Custom Index Securities), a Commodity Business Day (in respect of Commodity Securities) or a Scheduled Trading Day (in respect of Currency Securities), as applicable;

**"Reset Date"** means, unless otherwise specified in the applicable Final Terms, each calendar day in the period from and excluding the Issue Date to and including the Redemption Date;

**"Security Percentage"** means the percentage specified as such in the applicable Final Terms. The Security Percentage may be adjusted by the Calculation Agent on each Reset Date in order to take into account changes in market conditions (including, in particular, volatility), provided that the adjusted Security Percentage (a) unless the Security Percentage is equal to zero, falls between the "Minimum Security Percentage" and the "Maximum Security Percentage" specified in the applicable Final Terms and (b) does not trigger the occurrence of an Automatic Early Redemption Event;

**"Security Threshold"** means the amount calculated as follows by the Calculation Agent and rounded upwards or downwards in accordance with the Security Threshold Rounding Rule specified in the applicable Final Terms:

- (a) in the case of OET Call Certificates, an amount equal to the product, rounded in accordance with the Security Threshold Rounding Rule specified in the applicable Final Terms, of (i) the Capitalised Exercise Price as at the Security Threshold Time on the relevant Reset Date and (ii) one, plus the Security Percentage; and
- (b) in the case of OET Put Certificates, an amount equal to the product, rounded in accordance with the Security Threshold Rounding Rule, (i) of the Capitalised Exercise Price as at the Security Threshold Time on the relevant Reset Date and (ii) one, minus the Security Percentage.

The Security Threshold calculated pursuant to the foregoing shall, subject as provided below, be published as soon as practicable for information purposes only (subject to technical problems) during normal business hours on any Local Business Day during the term of the relevant OET Certificates on the OET Website(s) specified in the applicable Final Terms or such other website as may be notified to the Holders.

The Security Threshold, from time to time, calculated by the Calculation Agent shall be the Security Threshold at the relevant time and shall prevail over any Security Threshold published on the OET Website(s), which is published for information purposes only and may subsequently be corrected should the amount published differ from the Security Threshold calculated by the Calculation Agent.

**"Security Threshold Time"** means the time specified as such in the applicable Final Terms, or if not so specified, 00:00:01 a.m. (CET);

**"Settlement Currency"** means Euro, unless otherwise specified in the applicable Final Terms;

**"Underlying Reference"** means the relevant Index, Share, ETI Interest, Commodity, Subject Currency, Debt Instrument or other basis of reference to which the relevant Certificates relate, as specified in the Product Specific Provisions of the applicable Final Terms; and



## ANNEX 15 – ADDITIONAL TERMS AND CONDITIONS FOR OET CERTIFICATES

"**Valuation Date**" means:

- (a) the date designated as such by the Issuer, in its sole and absolute discretion, provided that such date is determined by the Issuer and notified to the Holders in accordance with Security Condition 10 at the latest on the tenth (10th) Relevant Business Day preceding the contemplated Valuation Date or, if such date is not a Relevant Business Day, the next following Relevant Business Day. Other than in the case of Commodity OET Certificates, the provisions of (a)(i), (a)(ii), (a)(iii) or (a)(iv), as applicable, of the definition of "Valuation Date" in Security Condition 28 shall apply if any such day is a Disrupted Day and, in the case of Commodity OET Certificates, the provisions of the definition of "Pricing Date" in the Commodity Security Conditions will apply if such day is a Commodity Disrupted Day; or
- (b) if Automatic Early Redemption is specified as being applicable in the applicable Final Terms and an Automatic Early Redemption Event occurs, the Relevant Automatic Early Redemption Valuation Date or if such date is not a Relevant Business Day, the next following Relevant Business Day,

in each case, subject to adjustment in accordance with the relevant Conditions.

If (i) the Issuer designates a date as being the Valuation Date in accordance with these Terms and Conditions and (ii) an Automatic Early Redemption Event occurs after such designation but prior to the designated Valuation Date, then the Valuation Date shall be deemed to be the Relevant Automatic Early Redemption Valuation Date as determined pursuant to this definition.

### 2. **Automatic Early Redemption**

If "Automatic Early Redemption" is specified as being applicable in the applicable Final Terms, then unless previously redeemed or purchased and cancelled, if an Automatic Early Redemption Event occurs, then the Certificates will be automatically redeemed in whole, but not in part, on the date falling the number of Business Days specified in the applicable Final Terms following the Valuation Date (the "**Automatic Early Redemption Date**") and the amount payable by the Issuer upon redemption of each Certificate shall be an amount equal to the relevant Automatic Early Redemption Amount.

## ANNEX 16

## ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

**CONTENTS**

1.	Definitions .....	1189
2.	Reference Portfolio Reallocation.....	1194
3.	AMC Value .....	1195
4.	AMC Value Definitions .....	1195
5.	Relevant Portfolio Component Adjustment Events and Portfolio Component Strategy Breach ...	1205
6.	Basket Allocation Agent Event .....	1206
7.	Amendments to the Security Conditions .....	1207

If specified as applicable in the applicable Final Terms, the terms and conditions applicable to Securities specified in the applicable Final Terms as Actively Managed Securities shall comprise the terms and conditions of Securities (the "**Security Conditions**") and the additional Terms and Conditions for Actively Managed Securities set out below (the "**Actively Managed Security Conditions**"), in each case together with any other additional terms and conditions specified in the applicable Final Terms and subject to completion in the applicable Final Terms. In the event of any inconsistency between (i) the Security Conditions and (ii) the Actively Managed Security Conditions, the Actively Managed Security Conditions shall prevail.

**1. Definitions**

"**Anti-Financial Crime Laws**" means any applicable anti-bribery, anti-corruption, anti-tax evasion, anti-facilitation of tax evasion, counter-terrorism financing, and anti-money laundering laws and regulations, or a law or regulation designed to prevent the same, and any laws intended to implement the OECD Convention on Combating Bribery of Foreign Public Officials in International Business Transactions;

"**Basket Allocation Agent**" means the entity specified as such in the applicable Final Terms (and any successor thereto) appointed pursuant to the Basket Allocation Agency Agreement;

"**Basket Allocation Agency Agreement**" means the French law governed basket allocation agency agreement entered into between the Issuer, the Calculation Agent and the Basket Allocation Agent by execution of the basket allocation agency agreement, which is dated the date specified in the applicable Final Terms (as amended, restated and/or supplemented from time to time), pursuant to which the Basket Allocation Agent is appointed by the Issuer to act as investment strategy advisor with respect to the Securities;

"**Component Disrupted Day**" means, in respect of a Portfolio Component, any Portfolio Business Day which is a Disrupted Day in respect of such Portfolio Component pursuant to (i) in the case of a Portfolio Component which is a Custom Index, the Index Security Conditions, (ii) in the case of a Portfolio Component which is a Share, the Share Security Conditions or (iii) in the case of a Portfolio Component which is an ETI Interest, the ETI Security Conditions;

"**Custom Index**" means, notwithstanding anything to the contrary in the Index Security Conditions, an index included in the Custom Index List;

"**Custom Index Business Day**" means, in respect of a Custom Index, notwithstanding anything to the contrary in the Index Security Conditions, any Scheduled Custom Index Business Day (a) on which the level of the Custom Index is calculated and made available and (b) that is Custom Index Trading Day;

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

**"Custom Index List"** means the list of Custom Indices set out in the Appendix to the applicable Final Terms;

**"Custom Index Universe Criteria"** means, in respect of a Custom Index:

- (a) the Index Sponsor of such Custom Index must be BNPP;
- (b) the Custom Index must be included in the Custom Index List; and
- (c) the Underlying Reference Weighting in respect of such Custom Index must be greater than or equal to the Minimum Custom Index Weight specified beside such Custom Index in the Custom Index List;

**"Earliest Potential Basket Reallocation Date"** means, in respect of a Reallocation Instruction, the date which is the latest Earliest Potential Component Reallocation Date in respect of any of the Portfolio Components or a Proposed Components in the Reference Portfolio;

**"Earliest Potential Component Reallocation Date"** means, in respect of a Reallocation Instruction and a Portfolio Component or Proposed Component, (i) in respect of each Portfolio Component or Proposed Component which is a Share, where the relevant stock exchange on which such Share is listed is in one of the Asia-Pacific countries (as set out in limb (b)(iii) of the definition of Share Universe Criteria), the Portfolio Business Day immediately succeeding the Instruction Date or, if the Instruction Date is not a Portfolio Business Day, the second Portfolio Business Day immediately succeeding the Instruction Date, otherwise (ii) the Instruction Date or, if the Instruction Date is not a Portfolio Business Day, the Portfolio Business Day immediately succeeding the Instruction Date;

**"Eligible Country"** means, in respect of each Portfolio Component which is a Share or an ETI Interest, the country in which the principal stock exchange on which such Share or ETI Interest, as the case may be, is traded, as determined by the Calculation Agent;

**"ETI Interest"** means, notwithstanding anything to the contrary in the ETI Security Conditions, (i) an ownership interest issued to or held by an investor in an exchange traded fund or (ii) a unit or note, as the case may be, issued by the issuer of an exchange traded note, exchange traded commodity or any other exchange traded product;

**"ETI Universe Criteria"** means, in respect of an ETI Interest:

- (a) such ETI Interest must be listed on an stock exchange in one of the countries in the following continents:
  - (i) North America: Canada or the United States of America; and/or
  - (ii) Europe: Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, the Netherlands, Norway, Poland, Portugal, Spain, Sweden, Switzerland or the United Kingdom;
- (b) such ETI Interest must have an average daily trading volume of at least EUR 10 million (or the currency equivalent in the relevant currency in which the ETI Interest is denominated) per Scheduled Trading Day, observed over the 20 and 60 consecutive Scheduled Trading Days immediately preceding the relevant Reallocation Date, as determined by the Calculation Agent by reference to such source(s) as the Calculation Agent deems appropriate (including, without limitation, Reuters and/or Bloomberg);

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

- (c) the Underlying Reference Weighting of each Portfolio Component comprising ETI Interests must be greater than or equal to 0 per cent., but less than or equal to 100 per cent.;

**"Exchange"** means, in respect of a Share or an ETI Interest, notwithstanding anything to the contrary in the Share Security Conditions or the ETI Security Conditions, as applicable, the principal exchange or quotation system on which such Share or such ETI Interest is traded, in the determination of the Calculation Agent;

**"Exchange Business Day"** means:

- (a) in respect of a Share, notwithstanding anything to the contrary in the Share Security Conditions, any Scheduled Trading Day on which (a) the relevant Exchange and the relevant Related Exchange, if any, in respect of such Share are open for trading during their respective regular trading session(s), notwithstanding any such relevant Exchange or relevant Related Exchange closing prior to their Scheduled Closing Time and (b) in respect of a Share in respect of which the Eligible Country is China, the China Connect Service is open for routing orders in respect of such Share during its regular order routing sessions, notwithstanding the China Connect Service closing prior to its Scheduled Closing Time;
- (b) in respect of an ETI Interest, notwithstanding anything to the contrary in the ETI Security Conditions, any Scheduled Trading Day on which the relevant Exchange and the relevant Related Exchange, if any, in respect of such ETI Interest are open for trading during their respective regular trading session(s), notwithstanding any such relevant Exchange or relevant Related Exchange closing prior to their Scheduled Closing Time;

**"Hedge Provider"** means any party that hedges the Issuer's obligations in respect of the Securities (which may be an Affiliate of the Issuer) where such hedging arrangements are required;

**"Initial Reference Portfolio"** means the notional portfolio of Shares, ETI Interests and/or Custom Indices specified as such in the applicable Final Terms;

**"Instruction Business Day"** means a day other than a Saturday or a Sunday;

**"Investment Strategy Guidelines"** means:

- (a) each Portfolio Component comprised in the Reference Portfolio must be a Share, an ETI Interest or a Custom Index;
- (b) each Share comprised in the Reference Portfolio must satisfy the Share Universe Criteria;
- (c) each ETI Interest comprised in the Reference Portfolio must satisfy the ETI Universe Criteria;
- (d) each Custom Index comprised in the Reference Portfolio must satisfy the Custom Index Universe Criteria; and
- (e) the Reference Portfolio must be comprised of no fewer than the Minimum Number of Portfolio Components;

**"Maximum Number of Reallocation Instructions"** means:

- (a) in respect of an Instruction Business Day, the number specified as the Maximum Daily Rebalancing Number in the applicable Final Terms; and

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

- (b) if "Year" is specified in the applicable Final Terms, in respect of a Year, or if "Calendar Year" is specified in the applicable Final Terms, in respect of a calendar year, the number specified as the Maximum Annual Rebalancing Number in the applicable Final Terms;

**"Minimum Number of Portfolio Components"** means the number specified as such in the applicable Final Terms;

**"Portfolio Component"** means each Share, ETI Interest or Custom Index comprising the Reference Portfolio selected in accordance with the Investment Strategy Guidelines (each being an **"Underlying Reference"**);

**"Portfolio Business Day"** means:

- (a) each day that is (A) a Scheduled Trading Day in respect of each Portfolio Component which is a Share or an ETI Interest, and (B) a Scheduled Custom Index Business Day in respect of each Portfolio Component which is a Custom Index; or
- (b) for the purposes of the definitions of "Reallocation Date" and "Earliest Potential Component Reallocation Date", each day that is (i) a Scheduled Trading Day in respect of each Portfolio Component which is a Share or an ETI Interest, (ii) a Scheduled Custom Index Business Day in respect of each Portfolio Component which is a Custom Index, (iii) a Scheduled Trading Day in respect of each Share or ETI Interest which would be a Portfolio Component upon the Reallocation Instructions in respect of such Reallocation Date taking effect, and (iv) a Scheduled Custom Index Business Day in respect of each Custom Index which would be a Portfolio Component upon the Reallocation Instructions in respect of such Reallocation Date taking effect;

**"Reallocation Date"** means, in respect of a Reallocation Instruction, any Portfolio Business Day selected by the Basket Allocation Agent and specified in the relevant Reallocation Instruction, provided that such Reallocation Date may not be earlier than the Earliest Potential Portfolio Basket Reallocation Date;

**"Reallocation Instruction"** means an instruction from the Basket Allocation Agent for any Portfolio Component comprised in the Reference Portfolio to be removed, reweighted or replaced by one or more new components or that one or more new components be added to the Reference Portfolio, in accordance with Actively Managed Security Condition 2;

**"Reallocation Instruction Cut-off Time"** means (i) in respect of each Portfolio Component or Proposed Component which is a Share or an ETI Interest, the time specified in the applicable Final Terms in respect of the relevant Eligible Country in respect of such Share or ETI Interest, or (ii) in respect of each Portfolio Component or Proposed Component which is a Custom Index, the time specified as such in the applicable Final Terms;

**"Reference Portfolio"** means the notional portfolio comprised of a variable number of Portfolio Components, subject to adjustment in accordance with Actively Managed Security Condition 2 and Actively Managed Security Condition 4 below and Security Condition 15.2(a) (as amended by Actively Managed Security Condition 7.1 below), provided that, the Reference Portfolio as of the Strike Date shall be the Initial Reference Portfolio;

**"Related Exchange"** means, in relation to a Share or an ETI Interest, notwithstanding anything to the contrary in the Share Security Conditions or the ETI Security Conditions, as applicable, each exchange or quotation system where trading has a material effect (as determined by the Calculation Agent) on the overall market for futures or options contracts relating to such Share or ETI Interest, as applicable;

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

**"Sanctions"** means any economic or trade sanctions or restrictive measures enacted, administered, imposed or enforced by any Sanctions Authority;

**"Sanctions Authority"** means:

- (i) the United States Department of the Treasury's Office of Foreign Assets Control;
- (ii) the United States Department of State;
- (iii) the United Nations Security Council;
- (iv) the European Union; and
- (v) the French Republic;

**"Scheduled Custom Index Business Day"** means, in respect of an Custom Index, notwithstanding anything to the contrary in the Index Security Conditions, any Banking Day (a) on which the level of the Custom Index is scheduled to be calculated and made available and (b) that is scheduled to be a Custom Index Trading Day;

**"Share"** means, notwithstanding anything to the contrary in the Share Security Conditions, an ordinary share;

**"Share Universe Criteria"** means, in respect of a Share:

- (a) such Share must be classified as common stock or equity by the Exchange on which it is listed or admitted to trading;
- (b) the Share must be listed on an exchange in one of the countries in the following continents:
  - (i) Americas: Brazil, Canada, Chile, Colombia, Mexico or the United States of America;
  - (ii) Europe: Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, the Netherlands, Norway, Poland, Portugal, Spain, Sweden, Switzerland or the United Kingdom;
  - (iii) Asia-Pacific: Australia, China (provided the Shares are capable of being traded through the China Connect Service), Hong Kong, Indonesia, Japan, New Zealand, the Philippines, Singapore, South Korea, Taiwan or Thailand; and/or
  - (iv) Africa: South Africa;
- (c) such Share must have an average daily trading volume of at least EUR 5 million (or the currency equivalent in the relevant Share Currency) per Scheduled Trading Day observed over the 20 and 60 consecutive Scheduled Trading Days immediately preceding the relevant Reallocation Date, as determined by the Calculation Agent by reference to such source(s) as the Calculation Agent deems appropriate (including, without limitation, Reuters and/or Bloomberg); and
- (d) the Underlying Reference Weighting of each Portfolio Component comprising Shares must be greater than or equal to 0 per cent., but less than or equal to 100 per cent.; and

**"Year"** means the period from (and including) the Strike Date to (but excluding) the date falling 365 days after the Strike Date and thereafter, from (and including) the relevant anniversary of the Strike Date to (but excluding) the next anniversary.

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

### 2. Reference Portfolio Reallocation

#### 2.1 Reallocation Instruction

On any Instruction Business Day from (but excluding) the Issue Date to (but excluding) the Redemption Valuation Date, the Basket Allocation Agent may (but is not obliged to) submit notice of any Reallocation Instructions to the Calculation Agent proposing adjustment(s) to the Portfolio Components comprised in the Reference Portfolio in accordance with the terms of the Basket Allocation Agency Agreement (a "**Proposed Reallocation**").

A Reallocation Instruction must relate to a Proposed Reallocation which complies with the Investment Strategy Guidelines and the number of Reallocation Instructions must not exceed the Maximum Number of Reallocation Instructions.

If a Reallocation Instruction is received prior to the earliest Reallocation Instruction Cut-off Time in respect of each existing Portfolio Component or Proposed Component affected by the Reallocation Instruction on an Instruction Business Day (the "**Instruction Cut-off Time**"), such Reallocation Instruction shall be deemed received on such Instruction Business Day and if a Reallocation Instruction is not received prior to the Instruction Cut-off Time on an Instruction Business Day, such Reallocation Instruction shall be deemed received on the following Instruction Business Day (in either case, the date of such deemed receipt, the "**Instruction Date**").

#### 2.2 Reallocation Instruction rejection

As soon as reasonably practicable after the receipt of the Reallocation Instruction, the Calculation Agent shall confirm receipt to the Basket Allocation Agent by email. The Calculation Agent will reject the Proposed Reallocation, in accordance with the terms of the Basket Allocation Agency Agreement, if the Calculation Agent determines that any such Proposed Reallocation:

- (a) does not comply with the Investment Strategy Guidelines;
- (b) would cause the Issuer, the Hedge Provider and/or any of their relevant Affiliates to be subject to any restrictions or prohibitions in acquiring and/or disposing of any relevant Portfolio Components or Proposed Components as a result of any legally binding and applicable laws (including Anti-Financial Crime Laws and Sanctions), legislative instruments, judgments of a competent court of law, guidance, directions, codes of practice or regulations, each as applicable to the Issuer, the Calculation Agent, the Basket Allocation Agent and/or their respective Affiliates, as the case may be or internal policies (including, without limitation, any risk, compliance, legal, corporate social responsibility or operational policies);
- (c) directly or indirectly relate to a share or shares (or any other financial instrument) the issuer of which is directly or indirectly subject to any Sanctions;
- (d) could result in the Hedge Provider being unable to execute any sale or purchase of the relevant Portfolio Component or Proposed Component (or an underlying asset of the relevant Portfolio Component or Proposed Component, where applicable) in respect of the relevant Reallocation Date due to an ongoing market disruption of the relevant Portfolio Component or Proposed Component (or underlying asset of such Portfolio Component or Proposed Component); and/or
- (e) could restrict the Issuer or a relevant Affiliate from providing a secondary market in respect of the Securities.

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

If a Proposed Reallocation is rejected by the Calculation Agent, the relevant Reallocation Instruction will be of no effect and the Reference Portfolio composition will not be adjusted.

### 2.3 Proposed Reallocation acceptance

If a Proposed Reallocation is accepted, the Reference Portfolio will be adjusted to reflect the Reallocation Instruction, such that:

- (a) the Underlying Reference Weighting in respect of each existing Portfolio Component remaining comprised in the Reference Portfolio will be the Underlying Reference Weighting specified in the Reallocation Instruction;
- (b) any proposed new Custom Index, Share or ETI Interest specified in the Reallocation Instruction (a "**Proposed Component**") will constitute a Portfolio Component comprised in the Reference Portfolio with an Underlying Reference Weighting of the relevant Underlying Reference Weighting specified in respect of such Custom Index, Share or ETI Interest (the "**New Weighting**") in the Reallocation Instruction; and
- (c) each Custom Index, Share or ETI Interest which is proposed to be removed from the Reference Portfolio in the Reallocation Instruction will no longer constitute a Portfolio Component comprised in the Reference Portfolio,

in each case with effect from (and including) the relevant Reallocation Date, subject to any subsequent Reallocation Instruction and provided that notwithstanding the above, for the purposes of calculating AMC Value<sub>t</sub> in respect of the relevant Reallocation Date, the adjustment to the Reference Portfolio above shall be deemed not to have been made and the Reference Portfolio shall be deemed to be the Reference Portfolio as of the ACT Day immediately preceding such Reallocation Date with the Underlying Reference Weightings then applicable.

### 2.4 General

For the avoidance of doubt, the Basket Allocation Agent has no authority to act for, or represent, the Issuer, the Guarantor (if any) or the Calculation Agent. Acceptance or implementation of a Reallocation Instruction will not constitute endorsement of the Reallocation Instruction by either the Issuer or the Calculation Agent or acknowledgement by either the Issuer or the Calculation Agent that the Basket Allocation Agent has acted in accordance with its duties under the Basket Allocation Agency Agreement.

No new Reallocation Instruction may be given following termination of the Basket Allocation Agency Agreement, in accordance with Actively Managed Security Condition 6.

## 3. AMC Value

"**AMC Value<sub>t</sub>**" means, in respect of an ACT Day, a percentage calculated by the Calculation Agent in accordance with the following formula:

$$AMC\ Value_t = AMC\ Value_{t-1} \times \left[ Constant\ Percentage\ 1 + Constant\ Percentage\ 2 \times \left( \frac{Basket_t}{Basket_{t-1}} - Constant\ Percentage\ 3 \right) - AF \times \frac{Act(t-1,t)}{DCF} - PerfFee_t \right] - NotionalFee_t,$$

provided that, the AMC Value<sub>t</sub> on the Strike Date is AMC Value<sub>0</sub>.

## 4. AMC Value Definitions



## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

"**ACT Day**" or "**t**" means each day (other than a Saturday or a Sunday) from (and including) the Strike Date;

"**Act(0,1)**" means the number of calendar days from (but excluding) the Strike Date to (and including) the next occurring ACT Day after the Strike Date;

"**Act(t-1,t)**" means, in respect of an ACT Day, the number of calendar days from (but excluding) the ACT Day immediately preceding such ACT Day to (and including) such ACT Day;

"**Act(t-2,t-1)**" means, in respect of an ACT Day, the number of calendar days from (but excluding) the second ACT Day immediately preceding such ACT Day to (and including) the ACT Day immediately preceding such ACT Day;

"**AdF<sub>0</sub>**" means (i) the amount or percentage specified as such in the applicable Final Terms or (ii) the level determined by the Calculation Agent in accordance with the following formula:

$$AdF_0 = Allocation\ Fee \times \frac{DCF}{Act(0,1)};$$

"**AdF<sub>t</sub>**" means the amount or percentage specified as such in the applicable Final Terms, provided that, AdF<sub>t</sub> for the Strike Date will be AdF<sub>0</sub>;

"**AdF<sub>t-1</sub>**" means, in respect of an ACT Day, AdF<sub>t</sub> in respect of the immediately preceding ACT Day;

"**AF**" means the percentage specified as such in the applicable Final Terms;

"**Allocation Fee**" means the amount or percentage specified as such in the applicable Final Terms;

"**AMC Value<sub>0</sub>**" means the percentage specified as such in the applicable Final Terms;

"**AMC Value<sub>t-1</sub>**" means, in respect of an ACT Day, the AMC Value<sub>t</sub> for the immediately preceding ACT Day;

"**AMC Value<sub>a</sub>**" means, in respect of an ACT Day, the highest AMC Value<sub>t</sub> for all the ACT Days in the period from (and including) the Strike Date to (and including) the second ACT Day immediately preceding such ACT Day;

"**Applicable Withholding Tax**" means, in respect of an ACT Day, a percentage calculated by the Calculation Agent equal to the taxes deducted or withheld at source by or on behalf of any governmental or other applicable authority or agency having the power to tax on any ordinary cash dividends that are ex-dividend payable on such ACT Day pursuant to any applicable domestic law prevailing at the time of the distribution in respect of the relevant Share or ETI Interest or, in respect of a Custom Index, zero;

"**Basket<sub>0</sub>**" means AMC Value<sub>0</sub>;

"**Basket<sub>t</sub>**" means, in respect of an ACT Day the level determined by the Calculation Agent in accordance with the following formula:

$$Basket_t = Basket_{t-1} \times \left( \frac{PTF_t - Fees_t}{PTF_{t-1}} \right)$$

provided that, Basket<sub>t</sub> for the Strike Date will be Basket<sub>0</sub>;

"**Basket<sub>t-1</sub>**" means, in respect of an ACT Day, the Basket<sub>t</sub> for the immediately preceding ACT Day;

"**Bench<sub>0</sub>**" means the number, percentage or amount specified as such in the applicable Final Terms;

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

**"Bench<sub>t</sub>"** means, in respect of an ACT Day, the official closing level of the Benchmark on such ACT Day, as determined by the Calculation Agent, subject as provided in Index Security Condition 3 and provided that, if there is no official closing level in respect of such day or such day is a Disrupted Day (as defined in Index Security Condition 2) in respect of the Benchmark, Bench<sub>t</sub> will be the official closing level of the Benchmark for the immediately preceding ACT Day which is not a Disrupted Day;

**"Benchmark"** means the index specified as such in the applicable Final Terms, which index shall be deemed to be an "Index" as defined in Index Security Condition 1 and on the basis that notwithstanding anything to the contrary in Index Security Condition 1:

- (a) the "Index Sponsor" is the corporation or other entity that (a) is responsible for setting and reviewing the rules and procedures and the methods of calculation and adjustments, if any, related to such Index and (b) announces (directly or through an agent) the level of such Index on a regular basis during each Scheduled Trading Day, as determined by the Calculation Agent;
- (b) the "Exchange" is the principal stock exchange on which such Component Security is principally traded, as determined by the Calculation Agent;
- (c) "Exchange Business Days" and "Scheduled Trading Days" are determined on a "Single Index Basis"; and
- (d) "Related Exchange" means "All Exchanges";

**"Cash<sub>t</sub>"** means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$Cash_t = nCash_{t-1} \times MM_t;$$

**"Constant Percentage 1"** means the percentage specified as such in the applicable Final Terms;

**"Constant Percentage 2"** means the percentage specified as such in the applicable Final Terms;

**"Constant Percentage 3"** means the percentage specified as such in the applicable Final Terms;

**"Currency Business Day"** means (i) U.S. Government Securities Business Day, (ii) TARGET2 Business Day, (iii) London Business Day, (iv) Zurich Business Day, (v) Tokyo Business Day or (iv) Stockholm Business Day, as specified in the applicable Final Terms;

**"CustomIndex<sub>t</sub>"** means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$CustomIndex_t = \sum_{k=N+1}^{N+M} n_{k,t-1} \times FX_{k,t} \times (Level_{k,t} - Level_{k,t-1});$$

**"DCF"** means the number specified as such in the applicable Final Terms;

**"Dividend FX Rate"** means, in respect of an ACT Day, the rate of exchange of the relevant GrossDiv Currency into the relevant Component Currency, as determined by the Calculation Agent on such ACT Day by reference to such source(s) as the Calculation Agent deems appropriate (including, without limitation, Reuters and/or Bloomberg) at 4.00 p.m. (London time), provided that, if such rate of exchange is not available from such source(s) at such time, the rate of exchange will be as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner;

**"DivPercentage<sub>k,t</sub>"** means, in respect of an Underlying Reference and an ACT Day:

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

- (a) if "Applicable Withholding Tax" is not specified as applicable in the applicable Final Terms, the percentage specified as such in the applicable Final Terms; or
- (b) if "Applicable Withholding Tax" is specified as applicable in the applicable Final Terms, an amount calculated by the Calculation Agent in accordance with the following formula:

$$DivPercentage_{k,t} = 1 - \text{Applicable Withholding Tax};$$

"**Eligible Country<sub>k</sub>**" means, in respect of an Underlying Reference, the relevant Eligible Country;

"**Fees<sub>t</sub>**" means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$Fees_t = Reallocation Fees_t + Replication Fees_t + Leverage Fees_t;$$

"**FX<sub>k,0</sub>**" means, in respect of an Underlying Reference, the Underlying Reference FX Strike Level;

"**FX<sub>k,Strike-1</sub>**" means, in respect of an Underlying Reference, the rate specified as such in the applicable Final Terms;

"**FX<sub>k,t</sub>**" means, in respect of an Underlying Reference and an ACT Day, the rate of exchange of the currency in which the relevant Underlying Reference Closing Price Value is denominated into the Settlement Currency, as determined by the Calculation Agent on such ACT Day by reference to such source(s) as the Calculation Agent deems appropriate (including, without limitation, Reuters and/or Bloomberg) at 4.00 p.m. (London time), provided that, if such rate of exchange is not available from such source(s) at such time, the rate of exchange will be as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, provided further that FX<sub>k,t</sub> for the Strike Date will be FX<sub>k,0</sub>. If the currency in which such Underlying Reference Closing Price Value is denominated is the same as the Settlement Currency, FX<sub>k,t</sub> will be equal to one;

"**FX<sub>k,t-1</sub>**" means, in respect of an Underlying Reference and an ACT Day, FX<sub>k,t</sub> on the immediately preceding ACT Day;

"**FX<sub>k,tV</sub>**" means, in respect of an Underlying Reference, FX<sub>k,t</sub> on the Reallocation Instruction Value Date in respect of Set Date <sub>tR</sub>, for which purposes, if such Underlying Reference was not comprised in the Reference Portfolio as of such Reallocation Instruction Value Date, notwithstanding this, such Underlying Reference shall be deemed to have been an Underlying Reference as of such Reallocation Instruction Value Date;

"**GrossDiv<sub>k,t</sub>**" means, in respect of an Underlying Reference and an ACT Day:

- (a) if the Underlying Reference is a Share, any ordinary cash dividends (before deduction of any taxes or application of withholding at source by or on behalf of any applicable authority having the power to tax in respect of such dividends and without any tax credit refund or deduction granted by any applicable authority having the power to tax in respect of such dividends) that are ex-dividend and paid on such ACT Day; or
- (b) if the Underlying Reference is an ETI Interest, any ordinary cash dividends (before deduction of any taxes or application of withholding at source by or on behalf of any applicable authority having the power to tax in respect of such dividends and without any tax credit refund or deduction granted by any applicable authority having the power to tax in respect of such dividends) that are ex-dividend and paid on such ACT Day,

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

provided that, (i) if any such dividends are paid in a currency (the "**GrossDiv Currency**") other than the currency in which the relevant Share or ETI Interest, as the case may be, is denominated (the "**Component Currency**"), such dividends shall be converted into the Component Currency at the relevant Dividend FX Rate in respect of such ACT Day and (ii) in respect of any Underlying Reference that is a Custom Index or if no ordinary cash dividends are paid ex-dividend on such ACT Day,  $GrossDiv_{k,t}$  will be zero.

"**k**" means the relevant Underlying Reference;

"**Level<sub>k,0</sub>**" means, in respect of an Underlying Reference, the Underlying Reference Strike Price in respect of such Underlying Reference;

"**Level<sub>k,t</sub>**" means, in respect of an Underlying Reference and an ACT Day, the amount determined by the Calculation Agent in accordance with the following formula:

$$Level_{k,t} = Level_{k,t-1} \times \frac{S_{k,t} + NDDividends_{k,t}}{S_{k,t-1}},$$

provided that, (i) in respect of each Underlying Reference,  $Level_{k,t}$  for the Strike Date will be  $Level_{k,0}$  and (ii) where a calculation in respect of an Underlying Reference (k) and an ACT Day under these Actively Managed Securities Conditions requires  $Level_{k,t}$  to be determined in respect of another ACT Day (the "**Prior ACT Day**") as of which such Underlying Reference was not comprised in the Reference Portfolio,  $Level_{k,t}$  for such Prior ACT Day will be the Underlying Reference Closing Price Value in respect of such Underlying Reference and such Prior ACT Day, determined on the basis that notwithstanding this such Underlying Reference shall be deemed to have been an Underlying Reference on such Prior ACT Day;

"**Level<sub>k,tv</sub>**" means, in respect of an Underlying Reference,  $Level_{k,t}$  on the Reallocation Instruction Value Date in respect of Set Date  $t_R$ ;

"**Level<sub>k,t-1</sub>**" means, in respect of an Underlying Reference and an ACT Day,  $Level_{k,t}$  for the immediately preceding ACT Day;

"**Leverage Fees<sub>t</sub>**" means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$Leverage\ Fees_t = LF \times \text{Max}(0\%; (\sum_{k=1}^N W_{k,tR}) - 100\%) \times PTF_{tR} \times \frac{Act(t-2,t-1)}{DCF};$$

"**LF**" means the percentage specified as such in the applicable Final Terms;

"**London Business Day**" means a day on which commercial banks and foreign exchange markets settle payments and are open for general business (including dealing in foreign exchange and foreign currency deposits) in London;

"**M**" means the number of Underlying References comprised in the Reference Portfolio that are Custom Indices;

"**MM<sub>0</sub>**" means the amount or percentage specified as such in the applicable Final Terms;

"**MM<sub>t</sub>**" means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$MM_t = MM_{t-1} \times \left[ 1 + \text{Reference Rate}_{t-1} \times \frac{Act(t-1,t)}{DCF} \right],$$

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

provided that:

- (a) if such ACT Day is not a Currency Business Day,  $MM_t$  will be equal to  $MM_{t-1}$ ; and
- (b)  $MM_t$  for the Strike Date will be  $MM_0$ ;

" $MM_{t-1}$ " means, in respect of an ACT Day,  $MM_t$  for the immediately preceding ACT Day;

" $N$ " means the number of Underlying References comprised in the Reference Portfolio that are not Custom Indices;

" $nCash_0$ " means the level specified as such in the applicable Final Terms;

" $nCash_t$ " means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$nCash_t = \frac{PTF_t - \sum_{k=1}^N n_{k,t} \times Level_{k,t} \times FX_{k,t}}{MM_t},$$

" $nCash_{t-1}$ " means, in respect of an ACT Day,  $nCash_t$  for the immediately preceding ACT Day, provided that,  $nCash_t$  for the Strike Date is  $nCash_0$ ;

" $NDDividends_{k,t}$ " means, in respect of an Underlying Reference and an ACT Day:

- (a) if "Dividend Reinvestment" is not specified as applicable in the applicable Final Terms, zero; or
- (b) if "Dividend Reinvestment" is specified as applicable in the applicable Final Terms, an amount determined by the Calculation Agent in accordance with the following formula:

$$NDDividends_{k,t} = DivPercentage_{k,t} \times GrossDiv_{k,t};$$

" $n_{k,0}$ " means, in respect of an Underlying Reference, the amount specified as such for such Underlying Reference in the applicable Final Terms;

" $n_{k,t}$ " means, in respect of an Underlying Reference and an ACT Day:

- (a) if such ACT Day is a Custom Index Business Day (where such Underlying Reference is a Custom Index) or a Scheduled Trading Day (where such Underlying Reference is a Share or an ETI Interest):  $n_{k,t} = n_{target_{k,tR}}$ ;
- (b) otherwise:  $n_{k,t} = n_{k,t-1}$ ,

provided that,  $n_{k,t}$  for the Strike Date will be  $n_{k,0}$ ;

" $n_{k,t-1}$ " means, in respect of an Underlying Reference and an ACT Day,  $n_{k,t}$  in respect of such Underlying Reference for the immediately preceding ACT Day;

" $n_{k,t-2}$ " means, in respect of an Underlying Reference and an ACT Day,  $n_{k,t}$  in respect of such Underlying Reference for the second ACT Day immediately preceding such ACT Day;

" $NotionalFee_0$ " means the amount or percentage specified as such in the applicable Final Terms;

" $NotionalFee_t$ " means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

$$NotionalFee_t = NotionalFee_{t-1} + (SF + AdF_{t-1}) \times \frac{Act(t-1,t)}{DCF},$$

provided that,  $NotionalFee_t$  for the Strike Date will be  $NotionalFee_0$ ;

"**NotionalFee<sub>t-1</sub>**" means, in respect of an ACT Day, the  $NotionalFee_t$  in respect of the immediately preceding ACT Day;

"**ntarget<sub>k,0</sub>**" means, in respect of an Underlying Reference, the amount determined by the Calculation Agent in accordance with the following formula;

$$ntarget_{k,0} = W_{k,0} \times FX_{k,Strike-1};$$

"**ntarget<sub>k,tR</sub>**" means, in respect of an Underlying Reference and a Set Date  $tR$ , the amount determined by the Calculation Agent in accordance with the following formula:

$$ntarget_{k,tR} = W_{k,tR} \times \frac{PTF_{tV}}{Level_{k,tV} \times FX_{k,tV}},$$

provided that,  $ntarget_{k,tR}$  for the Strike Date will be  $ntarget_{k,0}$ ;

"**PerfFee<sub>0</sub>**" means 0;

"**PerfFee<sub>1</sub>**" means 0;

"**PerfFee<sub>t</sub>**" means, in respect of an ACT Day:

- (a) if "Relative Perf Fees" is not specified as applicable in the applicable Final Terms, the level determined by the Calculation Agent in accordance with the following formula:

$$\left\{ PerfFee_t = PFL \times \max\left(0, \frac{AMC\ Value_{t-1} - AMC\ Value_u}{AMC\ Value_u}\right) \right\}; \text{ or}$$

- (b) if "Relative Perf Fees" is specified as applicable in the applicable Final Terms, the level determined by the Calculation Agent in accordance with the following formula:

$$\{ PerfFee_t = PFL \times \max(0, RelativePerf_{t-1} - RelativePerf_u) \},$$

provided in each case that,  $PerfFee_t$  for the Strike Date will be  $PerfFee_0$  and  $PerfFee_t$  for the ACT Day immediately succeeding the Strike Date will be  $PerfFee_1$ ;

"**PFL**" means the amount or percentage specified as such in the applicable Final Terms;

"**PTF<sub>0</sub>**" means the amount or percentage specified as such in the applicable Final Terms;

"**PTF<sub>t</sub>**" means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$PTF_t = \sum_{k=1}^N n_{k,t-1} \times Level_{k,t} \times FX_{k,t} + Cash_t + CustomIndex_t,$$

provided that,  $PTF_t$  for the Strike Date will be  $PTF_0$ ;

"**PTF<sub>t-1</sub>**" means, in respect of an ACT Day,  $PTF_t$  for the immediately preceding ACT Day;

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

"**PTF<sub>tR</sub>**" means, in respect of an ACT Day, PTF<sub>t</sub> on the Set Date tR;

"**PTF<sub>tV</sub>**" means PTF<sub>t</sub> on the Reallocation Instruction Value Date in respect of Set Date tR;

"**RBF<sub>k</sub>**" means, in respect of an Underlying Reference:

- (a) if such Underlying Reference is a Custom Index, the amount or percentage specified as such in the applicable Final Terms; or
- (b) if such Underlying Reference is a Share or an ETI Interest, the percentage specified in the table in the applicable Final Terms against the Eligible Country<sub>k</sub> as "RBF<sub>k</sub>" in respect of such Underlying Reference;

"**Reallocation Fees<sub>t</sub>**" means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$Reallocation\ Fees_t = \sum_{k=1}^{N+M} RBF_k \times Level_{k,t-1} \times FX_{k,t-1} \times [n_{k,t-1} - n_{k,t-2}];$$

"**Reallocation Instruction Value Date**" or "**tV**" means in respect of a Set Date tR, the latest ACT Day on which the level of the Basket<sub>t</sub> is calculated prior to the relevant Instruction Date;

"**Reference Floating Rate**" means, in respect of an ACT Day, the Reference Floating Rate Option in respect of such day appearing on the Reference Floating Rate Option Page at the Reference Floating Rate Option Time (the "**Original Reference Floating Rate**"), provided that if (i) the relevant rate does not appear on such page at such time, (ii) there has been a permanent or indefinite cancellation of the relevant rate, (iii) the relevant rate ceases to exist or ceases to be published permanently or indefinitely or (iv) it is unlawful or impracticable for the Calculation Agent to make any calculations or determinations using the relevant rate, the Calculation Agent may determine the relevant rate for such ACT Day acting in good faith and in a commercially reasonable manner at such time as it may select. In determining the relevant rate, the Calculation Agent may have regard to any sources(s) it considers appropriate, including, but not limited to:

- (a) any alternative rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the currency in which the relevant rate is denominated (each a "**Relevant Nominating Body**"), that is consistent with industry accepted standards, provided that, if two or more alternative rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those rates is most appropriate to preserve the economic features of the relevant Securities;
- (b) any alternative rate that has replaced the Original Reference Floating Rate in customary market usage in the international debt capital markets for the purposes of determining floating rates of interest on the same basis as the Original Reference Floating Rate; or
- (c) such other rate as the Calculation Agent determines is most comparable to the Original Reference Floating Rate.

The Calculation Agent will apply such adjustments that are formally recommended by any Relevant Nominating Body or, if none, may determine any adjustments that are in customary market usage in the international debt capital markets needed to make the replacement rate comparable to the Original Reference Floating Rate, acting in good faith and in a commercially reasonable manner. The determination of a replacement rate and any applicable adjustments will (in the absence of manifest error) be final and binding, unless the Calculation Agent subsequently determines in respect of an ACT Day

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

that such rate is no longer comparable to the Original Reference Floating Rate or no longer constitutes an industry accepted successor rate, in which case, a new replacement rate shall be determined in accordance with paragraph (a), (b) or (c) above for each subsequent ACT Day. If the Calculation Agent is unable to or otherwise does not determine a further replacement rate, then the rate will remain unchanged;

**"Reference Floating Rate Option"** means the relevant rate and designated maturity specified as such in the applicable Final Terms.

**"Reference Floating Rate Option Page"** means the page or price source specified as such in the applicable Final Terms.

**"Reference Floating Rate Option Time"** means the time specified as such in the applicable Final Terms.

**"Reference Rate"** means the fixed rate or the Reference Floating Rate specified as such in the applicable Final Terms;

**"Reference Rate<sub>t-1</sub>"** means, in respect of an ACT Day, the Reference Rate, in the case of the Reference Floating Rate, for the immediately preceding ACT Day;

**"RelativePerf<sub>0</sub>"** means the amount or percentage specified as such in the applicable Final Terms;

**"RelativePerf<sub>t</sub>"** means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$RelativePerf_t = \frac{AMCValue_t / Bench_t}{AMCValue_0 / Bench_0};$$

**"RelativePerf<sub>t-1</sub>"** means, in respect of an ACT Day, RelativePerf<sub>t</sub> in respect of the immediately preceding ACT Day, provided that, RelativePerf<sub>t</sub> for the Strike Date will be RelativePerf<sub>0</sub>;

**"RelativePerf<sub>it</sub>"** means, in respect of an ACT Day, the highest RelativePerf<sub>t</sub> for all the ACT Days in the period from (and including) the Strike Date to (and including) the second ACT Day immediately preceding such ACT Day;

**"Replication Fees<sub>t</sub>"** means, in respect of an ACT Day, the level determined by the Calculation Agent in accordance with the following formula:

$$Replication Fees_t = \sum_{k=N}^{N+M} RF_k \times Level_{k,t-1} \times FX_{k,t-1} \times |n_{k,t-1}| \times \frac{Act(t-2,t-1)}{DCF};$$

**"RF<sub>k</sub>"** means, in respect of an Underlying Reference that is a Custom Index, the amount or percentage specified as such in the table in the applicable Final Terms against such Custom Index;

**"SF"** means the amount or percentage specified as such in the applicable Final Terms;

**"S<sub>k,0</sub>"** means, in respect of an Underlying Reference, the Underlying Reference Strike Price;

**"S<sub>k,t</sub>"** means, in respect of an Underlying Reference and an ACT Day, the Underlying Reference Closing Price Value in respect of such day, provided that, if there is no Underlying Reference Closing Price Value in respect of such day or such day is a Component Disrupted Day in respect of such Underlying Reference, S<sub>k,t</sub> will be the Underlying Reference Closing Price Value for the immediately preceding ACT Day which is not a Component Disrupted Day in respect of such Underlying Reference (for which purposes such Underlying Reference shall be deemed to have been an Underlying Reference on each



## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

ACT Day prior to the relevant day regardless of whether it was then comprised in the Reference Portfolio);

"**S<sub>k,t-1</sub>**" means, in respect of an Underlying Reference and an ACT Day, the Underlying Reference Closing Price Value for such Underlying Reference on the immediately preceding ACT Day, for which purposes if such Underlying Reference was not comprised in the Reference Portfolio as of such immediately preceding ACT Day, notwithstanding this such Underlying Reference shall be deemed to have been an Underlying Reference on such immediately preceding ACT Day;

"**Stockholm Business Day**" means a day on which commercial banks are open for general business (including dealings in foreign exchange and foreign currency deposits) in Stockholm;

"**Strike Percentage**" means the amount or percentage specified as such in the applicable Final Terms;

"**TARGET2 Business Day**" means a day on which the TARGET2 System is open;

"**Tokyo Business Day**" means a day on which commercial banks are open for general business (including dealings in foreign exchange and foreign currency deposits) in Tokyo;

"**tR**" or "**Set Date**" means, in respect of an ACT Day, the Reallocation Date immediately preceding such ACT Day (or, if none, the Strike Date) or, if such ACT Day is a Reallocation Date, such Reallocation Date;

"**Underlying Reference FX Level**" means, in respect of an Underlying Reference and an ACT day, the rate of exchange between the currency in which the relevant Underlying Reference Strike Price is denominated and the Settlement Currency (including any rates of exchange pursuant to which the relevant rate of exchange is derived) and determined from such source(s) as the Calculation Agent deems appropriate (including, without limitation, Reuters and/or Bloomberg) at 4.00 p.m. (London time) for such Underlying Reference on such day;

"**Underlying Reference FX Strike Level**" means, in respect of an Underlying Reference:

- (a) the rate specified as such in the applicable Final Terms; or
- (b) if FX Closing Level is specified as applicable in the applicable Final Terms, the Underlying Reference FX Level for such Underlying Reference on the Strike Date;

"**Underlying Reference Closing Price Value**" means, in respect of an ACT Day:

- (a) if the relevant Underlying Reference is a Custom Index, the Closing Level;
- (b) if the relevant Underlying Reference is a Share, the Closing Price or the Italian Securities Reference Price in the case of Shares in respect of which the Eligible Country is Italy; or
- (c) if the relevant Underlying Reference is an ETI Interest, the Closing Price.

"**Underlying Reference Strike Price**" means, in respect of an Underlying Reference:

- (a) the amount specified as such in the applicable Final Terms; or
- (b) if Strike Price Closing Value is specified as applicable in the applicable Final Terms, the Underlying Reference Closing Price Value for such Underlying Reference on the Strike Date;

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

**"Underlying Reference Weighting"** means, in respect of a Set Date  $t_R$  and an Underlying Reference, the Underlying Reference Weighting specified as such in the Reallocation Instruction in respect of Set Date or, if such Set Date is the Strike Rate, is the number, amount or percentage specified as the Initial Underlying Reference Weighting (" $W_{k,0}$ ") for such Underlying Reference in the applicable Final Terms;

**"U.S. Government Securities Business Day"** means any day except for a Saturday, Sunday or a day on which the Securities Industry and Financial Markets Association ("**SIFMA**") recommends that the fixed income departments of its members be closed for the entire day for purposes of trading in U.S. government securities;

**" $W_{k,tR}$ "** means, in respect of an Underlying Reference and a Set Date  $t_R$ , the Underlying Reference Weighting in respect of such Underlying Reference as of such Set Date; and

**"Zurich Business Day"** means any day (other than a Saturday and Sunday) on which commercial banks are open for general business (including dealing in foreign exchange and foreign currency deposits) in Zurich.

### 5. Relevant Portfolio Component Adjustment Events and Portfolio Component Strategy Breach

#### 5.1 Consequences of Relevant Portfolio Component Adjustment Events

**"Relevant Portfolio Component Adjustment Event"** means:

- (a) in the case of any Portfolio Component which is a Custom Index, the occurrence of a Custom Index Adjustment Event (pursuant to Index Security Condition 6.2);
- (b) in the case of any Portfolio Component which is a Share, the occurrence of a Market Disruption Event (pursuant to Share Security Condition 2), a Potential Adjustment Event (pursuant to Share Security Condition 3) or an Extraordinary Event (pursuant to Share Security Condition 4); or
- (c) in the case of any Portfolio Component which is an ETI Interest, the occurrence of a Market Disruption Event (pursuant to ETI Security Condition 2) or a Potential Adjustment Event (pursuant to ETI Security Condition 3).

Following the occurrence of a Relevant Portfolio Component Adjustment Event, the Issuer may take the action described below in (a) or (b) below:

#### (a) Adjustment

If the Issuer determines that the action taken in respect of the Relevant Portfolio Component Adjustment Event is to be "Adjustment", then a Reallocation Instruction will be deemed to have been accepted and effected pursuant to Actively Managed Security Condition 2.3, for which purpose:

- (i) the relevant Portfolio Component affected by such Relevant Portfolio Component Adjustment Event will cease to be a Portfolio Component (the "**Removed Component**");
- (ii) the New Weighting for each remaining existing Portfolio Component comprised in the Reference Portfolio will be equal to the Underlying Reference Weighting of such Portfolio Component immediately prior to the Reallocation Instruction taking effect, adjusted by a percentage representing the exposure of the Reference Portfolio to the Removed Component immediately prior to the Reallocation Instruction taking effect,

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

shared equally across all such Portfolio Components of the same type, all as determined by the Calculation Agent;

- (iii) the Calculation Agent will make any further adjustment, if any, to any one or more of the terms of these Conditions and/or the applicable Final Terms, as it determines appropriate to account for the deemed Reallocation Instruction to take effect and the resulting adjustment to the Reference Portfolio; and
- (iv) the Reallocation Date will be such date as determined by the Calculation Agent.

### (b) Redemption

If the Issuer determines that the action taken in respect of the Relevant Portfolio Component Adjustment Event is to be "Redemption", then on giving notice to Holders in accordance with Security Condition 10, the Holder will redeem all but not some only of the Securities at the amount equal to the fair market value of such Security taking into account the Relevant Portfolio Component Adjustment Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10.

## 5.2 Portfolio Component Strategy Breach

If in the determination of the Calculation Agent a Portfolio Component comprised in the Reference Portfolio no longer satisfies the Investment Strategy Guidelines or will no longer satisfy the Investment Strategy Guidelines, the relevant Portfolio Component will be removed from the Reference Portfolio and a Reallocation Instruction will be deemed to have been accepted and effected pursuant to Actively Managed Security Condition 2.3, for which purpose:

- (a) the relevant Portfolio Component which no longer satisfies the Investment Strategy Guidelines will cease to be a Portfolio Component (the "**Removed Component**");
- (b) the New Weighting for each remaining existing Portfolio Component comprised in the Reference Portfolio will be equal to the Underlying Reference Weighting of such Portfolio Component immediately prior to the Reallocation Instruction taking effect, adjusted by a percentage representing the exposure of the Reference Portfolio to the Removed Component immediately prior to the Reallocation Instruction taking effect, shared equally across all such Portfolio Components of the same type, all as determined by the Calculation Agent;
- (c) the Calculation Agent will make any further adjustment, if any, to any one or more of the terms of these Conditions and/or the applicable Final Terms, as it determines appropriate to account for the deemed Reallocation Instruction to take effect and the resulting adjustment to the Reference Portfolio; and
- (d) the Reallocation Date will be such date as determined by the Calculation Agent.

## 6. Basket Allocation Agent Event

In accordance with the terms of the Basket Allocation Agency Agreement, the Issuer and the Basket Allocation Agent may terminate the Basket Allocation Agency Agreement immediately upon the occurrence of any event constituting a Basket Allocation Agent Event.

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

**"Basket Allocation Agent Event"** means, in the determination of the Calculation Agent, the occurrence of any of the following:

- (a) the violation by the Basket Allocation Agent of any material provision of the Basket Allocation Agency Agreement;
- (b) (i) any procedure is commenced with a view to the winding up of the Basket Allocation Agent;  
(ii) any procedure is commenced with a view to the appointment of an administrator, receiver or trustee in relation to the Basket Allocation Agent or a substantial part of its assets (this procedure may be a court procedure or any other step which under the laws of the relevant jurisdiction is a possible means of achieving any of those results); or (iii) any analogous proceedings (howsoever described) are commenced in relation to the Basket Allocation Agent;
- (c) a regulatory or judicial investigation or any other event occurs which may, in the sole discretion of the Issuer or the Calculation Agent, affect the performance of the duties of the Basket Allocation Agent as contemplated hereunder or result in any reputational risk for the Issuer, the Calculation Agent or any of their Affiliates;
- (d) the Basket Allocation Agent commits an act that constitutes fraud or criminal activity in the performance of its obligations under the Basket Allocation Agency Agreement or the Basket Allocation Agent is found guilty of having committed any criminal or regulatory offence;
- (e) the Basket Allocation Agent is at any time in breach of Sanctions or Anti-Financial Crime Laws;
- (f) the Basket Allocation Agent is at any time in breach of the representations, warranties and undertakings set out in the Basket Allocation Agency Agreement;
- (g) the Basket Allocation Agent ceases to be permitted to act as such under the laws of any relevant jurisdiction to the extent that any such permission would be required at the relevant time; or
- (h) the Reference Portfolio can no longer be adjusted for any reason.

If in the determination of the Calculation Agent the Basket Allocation Agent's appointment is terminated prior to the redemption of the Securities, no further Reallocation Instruction will be accepted, and accordingly, the Reference Portfolio will be fixed and shall comprise the Portfolio Components with the respective weights as established on the immediately preceding Reallocation Date.

The provisions of this Actively Managed Security Condition 6 are without prejudice to any other Conditions permitting adjustments to be made to the terms of the Securities and to any Portfolio Component, including without limitation, pursuant to Actively Managed Security Condition 2.3 above.

### **7. Amendments to the Security Conditions**

#### **7.1 Additional Disruption Events and Optional Additional Disruption Events**

Security Condition 15.2 shall be deleted and replaced with the following:

"15.2 If Additional Disruption Events are specified as applicable in the applicable Final Terms and an Additional Disruption Event and/or an Optional Additional Disruption Event occurs, the Issuer may take the action described in (a) or (b) below:

- (a) Adjustment

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

If the Issuer determines that the action taken in respect of the Additional Disruption Event or Optional Additional Disruption Event, as the case may be, is to be "Adjustment", then a Reallocation Instruction will be deemed to have been accepted and effected pursuant to Actively Managed Security Condition 2.3, for which purpose:

- (i) the relevant Portfolio Component affected by such Relevant Portfolio Component Adjustment Event will cease to be a Portfolio Component (the "**Removed Component**");
  - (ii) the New Weighting for each remaining existing Portfolio Component comprised in the Reference Portfolio will be equal to the Underlying Reference Weighting of such Portfolio Component immediately prior to the Reallocation Instruction taking effect, adjusted by a percentage representing the exposure of the Reference Portfolio to the Removed Component immediately prior to the Reallocation Instruction taking effect, shared equally across all such Portfolio Components of the same type, all as determined by the Calculation Agent;
  - (iii) the Calculation Agent will make any further adjustment, if any, to any one or more of the terms of these Conditions and/or the applicable Final Terms, as it determines appropriate to account for the deemed Reallocation Instruction to take effect and the resulting adjustment to the Reference Portfolio; and
  - (iv) the Reallocation Date will be such date as determined by the Calculation Agent.
- (b) Redemption

If the Issuer determines that the action taken in respect of the Relevant Portfolio Component Adjustment Event is to be "Redemption", then on giving notice to Holders in accordance with Security Condition 10, the Holder will redeem all but not some only of the Securities at the amount equal to the fair market value of such Security taking into account the Additional Disruption Event and/or Optional Additional Disruption Event, less, except in the case of Italian Securities or if Unwind Costs are specified as not applicable in the applicable Final Terms, the cost to the Issuer and/or its Affiliates of unwinding any underlying related hedging arrangements, all as determined by the Calculation Agent acting in good faith and in a commercially reasonable manner, payment being made in such manner as shall be notified to the Holders in accordance with Security Condition 10."

### 7.2 Cash Settlement Amount

The definition of "Cash Settlement Amount" in Security Condition 28 shall be deleted and replaced with the following:

**"Cash Settlement Amount"** means the amount (which may never be less than zero) to which the Holder is entitled in the Settlement Currency in relation to each such Security determined by the Calculation Agent equal to (i) the Notional Amount per Certificate multiplied by (ii) the AMC Value in respect of the Redemption Valuation Date.

The Cash Settlement Amount (if any) shall be rounded to the nearest sub-unit of the relevant Settlement Currency, half of any such sub-unit being rounded upwards or otherwise in accordance with applicable market convention, provided that if Rounding Convention 2 is specified as applicable in the applicable Final Terms, the Cash Settlement Amount shall not be subject to rounding, but Securities of the same Series held by the same Holder will be aggregated for the purpose of determining the aggregate Cash

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

Settlement Amount in respect of such Securities and the aggregate of such Cash Settlement Amounts will be rounded down to the nearest whole sub-unit of the Settlement Currency in such manner as the Calculation Agent shall determine, provided that, if the resulting Cash Settlement Amount is zero, no amount shall be payable in respect of the relevant Security.

If the Cash Settlement Amount is not an amount in the Settlement Currency, if specified in the applicable Final Terms it will be converted into the Settlement Currency at the Exchange Rate specified in the applicable Final Terms;".

### 7.3 Valuation Date

The definition of "Valuation Date" in Security Condition 28 shall be deleted and replaced with the following:

""**Valuation Date**" means the Redemption Valuation Date specified in the applicable Final Terms or, if such day is not an ACT Day, the immediately succeeding ACT Day;".

### 7.4 Issuer Call Option

Security Condition 34.3 shall be deleted and replaced with the following:

"If Issuer Call Option is specified in the applicable Final Terms, unless the Certificates have previously been redeemed or purchased and cancelled or (if Holder Put Option is specified in the applicable Final Terms) notice has been given to the Issuer in accordance with Condition 34.4, the Issuer may, having given:

- (a) except in the case of Certificates represented by Private Placement Definitive Certificates and Certificates represented by a Rule 144A Global Certificate held by a Custodian on behalf of DTC, not less than the minimum notice period nor more than the maximum notice period specified in the applicable Final Terms (the "**Notice Period**") notice to the Holders in accordance with Condition 10 and, in the case of Certificates represented by Private Placement Definitive Certificates and Certificates represented by a Rule 144A Global Certificate held by a Custodian on behalf of DTC, not less than 30 nor more than 45 days' notice to the Holders in accordance with Condition 10; and
- (b) not less than 15 days (or such Notice Period specified in the applicable Final Terms) before the giving of the notice referred to in (a), notice to the relevant Security Agent or, in the case of CREST Dematerialised Certificates, not less than 45 days' notice to the Euroclear Registrar,

(which notices shall be irrevocable and shall specify the date fixed for redemption), redeem in whole (but not in part) the Certificates then outstanding at the Optional Redemption Amount on the Optional Redemption Date specified in the applicable Final Terms.

The "**Optional Redemption Amount**" in respect of each Certificate shall be an amount in the Settlement Currency calculated by the Calculation Agent equal to (i) the Notional Amount per Certificate multiplied by (ii) the AMC Value in respect of the relevant Optional Redemption Valuation Date, provided that (i) if the resulting Optional Redemption Amount is zero, no amount shall be payable on redemption of such Certificate and (ii) if the Optional Redemption Amount is not an amount in the Settlement Currency, if specified in the applicable Final Terms, it will be converted into the Settlement Currency at the Exchange Rate specified in the applicable Final Terms."

### 7.5 Holder Put Option

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

Security Condition 34.4 shall be deleted and replaced with the following:

"Unless the Certificates have previously been redeemed or purchased and cancelled or (if Issuer Call Option is specified in the applicable Final Terms) notice has been given to the Holders in accordance with Condition 34.3, if Holder Put Option is specified in the applicable Final Terms, , upon the Holder of any Certificate giving to the Issuer not less than the minimum notice period nor more than the maximum notice period notice specified in the applicable Final Terms (the "**Notice Period**") the Issuer will, upon the expiry of such notice, redeem, subject to, and in accordance with, the terms specified in the applicable Final Terms, in whole (but not in part), such Certificate at the Optional Redemption Amount on the relevant Optional Redemption Date.

The "**Optional Redemption Amount**" in respect of each Certificate shall be an amount in the Settlement Currency calculated by the Calculation Agent equal to (i) the Notional Amount per Certificate multiplied by (ii) the AMC Value in respect of the relevant Optional Redemption Valuation Date, provided that (i) if the resulting Optional Redemption Amount is zero, no amount shall be payable on redemption of such Certificate and (ii) if the Optional Redemption Amount is not an amount in the Settlement Currency, if specified in the applicable Final Terms, it will be converted into the Settlement Currency at the Exchange Rate specified in the applicable Final Terms.

If the Certificate is held outside DTC, Euroclear and Clearstream, Luxembourg, Euroclear France and/or any other relevant Clearing System, other than in the case of CREST Dematerialised Certificates, to exercise the right to require redemption of the Certificate the Holder of the Certificate must deliver at the specified office of any Security Agent or the Registrar at any time during normal business hours of such Registrar or Security Agent falling within the Notice Period, a duly completed and signed notice of exercise in the form (for the time being current) obtainable from any specified office of any Security Agent (a "**Put Notice**") and in which the Holder must specify a bank account (or, if payment is required to be made by cheque, an address) to which payment is to be made under this Condition 34.4, accompanied by the Certificate or evidence satisfactory to the Security Agent concerned that the Certificate will, following delivery of the Put Notice, be held to its order or under its control in a manner reasonably satisfactory to the Security Agent concerned. If the Certificates are CREST Dematerialised Certificates, to exercise the right to require redemption of the Certificate, the Holder of the Certificate must, not less than 30 nor more than 60 days before the Optional Redemption Date, deposit with the Euroclear Registrar a duly completed Put Notice in the form obtainable from the Euroclear Registrar and in accordance with the Uncertificated Securities Regulations. If the Certificate is held through DTC, Euroclear or Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System, to exercise the right to require redemption of the Certificate the Holder of the Certificate must, within the Notice Period, give notice to the Security Agent concerned of such exercise in accordance with the standard procedures of DTC, Euroclear and Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System (which may include notice being given on such Holder's instruction by DTC, Euroclear or Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System or any common depositary for them to the Security Agent by electronic means) in a form acceptable to DTC, Euroclear and Clearstream, Luxembourg, Euroclear France, Monte Titoli, Euroclear Sweden, VP Denmark, Euroclear Finland, VPS Norway, KDPW Poland and/or any other relevant Clearing System from time to time. In the case of Finnish Dematerialised Certificates, in order to exercise this option the Holder must transfer or procure the transfer of the relevant Certificates to the account designed by the Finnish Security Agent and procure that such account is blocked for further transfer on or prior to the Optional Redemption Date. Any Put Notice given by a Holder of any Certificate pursuant to this Condition 34.4 shall be

## ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES

irrevocable. In the case of CBF Certificates, the relevant Holder must also deliver to the Frankfurt Certificate Agent the CBF Certificates to which such Put Notice relates and failure to deliver such CBF Certificates at or prior to the time such Put Notice is delivered shall render such Put Notice null and void."

### 7.6 Automatic Early Redemption

Security Condition 34.9 shall be amended as follows:

- (a) by the deletion of the first paragraph and sub-paragraphs (a), (b) and (c) and their replacement with the following:

- "(a) If "Automatic Early Redemption" is specified as applicable in the applicable Final Terms, then unless previously redeemed or purchased and cancelled, if on any Automatic Early Redemption Valuation Date an Automatic Early Redemption Event occurs, then the Certificates will be automatically redeemed in whole, but not in part, on the Automatic Early Redemption Date and the amount (if any) payable by the Issuer on such date upon redemption of each Certificate shall be equal to the relevant Automatic Early Redemption Amount.

- (b) Intentionally left blank.

- (c) Intentionally left blank.";

- (b) the definition of "Automatic Early Redemption Amount" under Security Condition 34.9(d) shall be deleted and replaced with the following:

**"Automatic Early Redemption Amount"** means an amount equal to the product of (i) the Notional Amount in respect of such Certificate and (ii) the AMC Value in respect of the Automatic Early Redemption Valuation Date, provided that, if the resulting product is zero, no amount shall be payable on redemption of the Certificate pursuant to this Condition. If the Automatic Early Redemption Amount is not an amount in the Settlement Currency, if specified in the applicable Final Terms, it will be converted into the Settlement Currency at the Exchange Rate specified in the applicable Final Terms;"

- (c) the definition of "Automatic Early Redemption Date" under Security Condition 34.9(d) shall be deleted and replaced with the following:

**"Automatic Early Redemption Date"** means each date specified as such in the applicable Final Terms, or if such date is not a Business Day, the next following Business Day, and no Holder shall be entitled to any interest or further payment in respect of such delay;"

- (d) the definition of "Automatic Early Redemption Event" under Security Condition 34.9(d) shall be deleted and replaced with the following:

**"Automatic Early Redemption Event"** means that the AMC Value in respect of any Automatic Early Redemption Valuation Date is (aa) "greater than", (bb) "greater than or equal to", (cc) "less than" or (dd) "less than or equal to" the Automatic Early Redemption Level, as specified in the applicable Final Terms;" and

- (e) the definition of "Automatic Early Redemption Valuation Date" under Security Condition 34.9(d) shall be deleted and replaced with the following:



## **ANNEX 16 – ADDITIONAL TERMS AND CONDITIONS FOR ACTIVELY MANAGED SECURITIES**

**"Automatic Early Redemption Valuation Date"** means each date specified as such in the applicable Final Terms or, if such date is not an ACT Day, the next following ACT Day;".

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

### INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**€STR**" is as defined in Security Condition 32(d)(iii)(D)I.

"**€STR Benchmark**" is as defined in Security Condition 32(d)(iii)(D)II.

"**€STR Reference Time**" is as defined in Security Condition 32(d)(iii)(D)II.

"**€STR Replacement**" is as defined in Security Condition 32(d)(iii)(D)II.

"**€STR Replacement Conforming Changes**" is as defined in Security Condition 32(d)(iii)(D)II.

"**€STR Replacement Date**" is as defined in Security Condition 32(d)(iii)(D)II.

"**€STR Transition Event**" is as defined in Security Condition 32(d)(iii)(D)II.

"**€STR<sub>i-TBD</sub>**" is as defined in Security Condition 32(d)(iii)(D)I.

"**2.5-year Limitation Date**" is as defined in Credit Security Condition 11.

"**10-year Limitation Date**" is as defined in Credit Security Condition 11.

"**30/360**", "**360/360**" or "**Bond Basis**" is as defined in Security Condition 1.

"**30E/360 (ISDA)**" is as defined in Security Condition 1.

"**30E/360**" or "**Eurobond Basis**" is as defined in Security Condition 1.

"**2006 ISDA Definitions**" is as defined in Security Conditions 32(d)(iii)(C)IV and 32(d)(iii)(D)II.

"**2021 ISDA Definitions**" is as defined in Security Conditions 32(d)(iii)(C)IV and 32(d)(iii)(D)II.

"**A**" is as defined in Security Condition 15.2(d), Payout Condition 2.1(j), Payout Condition 2.1(l), Payout Condition 2.2(h), Payout Condition 2.2(i), Payout Condition 2.6(c), Payout Condition 2.6(i), Share Security Condition 4.2(e), ETI Security Condition 6.2(b) and Credit Security Condition 11.

"**a**" is as defined in Payout Condition 2.6(c).

"**A<sub>(i)</sub>**" is as defined in Payout Condition 2.12.

"**Abandonment of Scheme**" is as defined in Commodity Security Condition 8.

"**Absence of Registry Operation**" is as defined in Commodity Security Condition 8.

"**AC Digital Coupon Barrier Level Down**" is as defined in Payout Condition 2.5(a).

"**AC Digital Coupon Barrier Level Up**" is as defined in Payout Condition 2.5(a).

"**AC Digital Coupon Condition**" is as defined in Payout Condition 2.5(a).

"**AC Digital Day**" is as defined in Payout Condition 2.5(a).

"**Accelerated or Matured**" is as defined in Credit Security Conditions 6 and 11.

"**Acceleration Notice**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Account Holder**" is as defined in Security Condition 2.2.

"**Accrual Period**" is as defined in Security Condition 1.

"**Act(0,1)**" is as defined in Actively Managed Security Condition 4.

"**ACT<sub>(i,i-1)</sub>**" is as defined in Payout Condition 1.1(s).

"**Act<sub>(t-1,t)</sub>**" is as defined in Payout Condition 2.6(e), 2.6(i), 2.6(o), 2.6(q) and 2.6(u).

"**Act(t-1,t)**" is as defined in Actively Managed Security Condition 4.

"**Act(t-2,t-1)**" is as defined in Actively Managed Security Condition 4.

"**ACT<sub>(t,t-1)</sub>**" is as defined in Payout Condition 1.3(a).

"**Act<sub>(t1,t2)</sub>**" is as defined in Payout Condition 2.6(s).

"**Act<sub>(t,s)</sub>**" is as defined in Payout Condition 2.6(s).

"**ACT Day**" is as defined in Payout Conditions 1.1(s), 1.3(a), 2.6(e) and 2.6(o).

"**ACT Day s**" is as defined in Payout Condition 2.6(s).

"**ACT Day**" or "**t**" is as defined in Payout Conditions 2.6(i), 2.6(k), 2.6(q) and 2.6(u) and in Actively Managed Security Condition 4.

"**ACT Day t**" or "**t**" is as defined in Payout Condition 2.6(s).

"**Actively Managed Securities**" is as defined in Security Conditions 1 and 2.1.

"**Actual Disposal Reference Nominal Amount**" is as defined in the Collateral Security Conditions, Part C, Condition 5.17 and Part D Condition 5.17.

"**Actual First Traded Price**" is as defined in Index Security Condition 9.1.

"**Actual/Actual (ICMA)**" is as defined in Security Condition 1.

"**Accumulator Condition**" is as defined in Payout Condition 2.4(e).

"**Accumulator Level**" is as defined in Payout Condition 2.4(e).

"**Accumulator Period**" is as defined in Payout Condition 2.4(e).

"**Accumulator Valuation Date**" is as defined in Payout Condition 2.4(e).

"**Additional Coupon**" is as defined in Payout Condition 2.5(a).

"**Additional Disruption Event**" is as defined in Security Condition 1 and 15, Collateral Security Conditions Part A Condition 7, Part A Condition 1, Part C Condition 7 and Part D Condition 7.

"**Additional ECB Specified Reference Collateral Assets**" is as defined in the Collateral Security Conditions, Part C, Condition 5.18 and Part D, Condition 5.18.

"**Additional Final Payout**" is as defined in Payout Condition 2.12.

"**Additional Final Payout Weighting**" is as defined in Payout Condition 2.12.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Additional Gearing**" is as defined in Payout Condition 2.12.

"**Additional LPN**" is as defined in Credit Security Condition 11.

"**Additional Proceeds Amount**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Additional RCA Disposal Amount**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Additional Obligation**" is as defined in Credit Security Condition 11.

"**Additional Posting Date**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Additional Provisions**" is as defined in Credit Security Condition 11.

"**Additional Reference Collateral Assets Grace Period**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Additional Security Document**" is as defined in Collateral Security Conditions, Part A, Condition 1, Part B, Condition 1, Part C, Condition 1 and Part D, Condition 1.

"**Additional Share Value**" is as defined in Payout Condition 2.4(e).

"**Additional Switch Coupon Amount**" is as defined in Security Condition 32(i).

"**Additional Switch Coupon Payment Date**" is as defined in Security Condition 32(i).

"**AdF<sub>0</sub>**" is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.

"**AdF<sub>t</sub>**" is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.

"**AdF<sub>t-1</sub>**" is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.

"**Adjusted Asset Redemption Event**" is as defined in Collateral Security Conditions Part C, Condition 1 and Part D, Condition 1.

"**Adjusted Bear Certificate Value**" is defined in Payout Condition 1.5.

"**Adjusted Bull Certificate Value**" is defined in Payout Condition 1.5.

"**Adjustment**" is as defined in ETI Security Condition 6.2(a) and Fund Security Condition 4.2(a).

"**Adjustment Amount**" is as defined in the Annex to the Additional Terms and Conditions for Credit Securities – Auction Settlement Terms Annex.

"**Adjustment Date**" is as defined in Security Condition 17(b).

"**Administrator/Benchmark Event**" is as defined in Security Condition 15.1.

"**Administrator Event**" is as defined in Commodity Security Condition 8.

"**ADR**" is as defined in Share Security Condition 8.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**ADRs**" is as defined in the Annex to the Additional Terms and Conditions for Secured Securities – Eligible Collateral Annex.

"**AER Accumulator Condition**" is as defined in Payout Condition 2.3(g).

"**AER Accumulator Level**" is as defined in Payout Condition 2.3(g).

"**AER Accumulator Period**" is as defined in Payout Condition 2.3(g).

"**AER Accumulator Valuation Date**" is as defined in Payout Condition 2.3(g).

"**AER Additional Share Value**" is as defined in Payout Condition 2.3(g).

"**AER Athena up Rate**" is as defined in Payout Condition 2.3(b).

"**AER Calculation Period**" is as defined in Payout Condition 2.3(b).

"**AER CSN Rate**" is as defined in Payout Condition 2.3(b).

"**AER Day Count Fraction**" is as defined in Payout Condition 2.3(b).

"**AER Entitlement**" is as defined in Security Condition 34.9.

"**AER Exit Rate**" is as defined in Payout Condition 2.3(b).

"**AER Invested Amount<sub>0</sub>**" is as defined in Payout Condition 2.3(b).

"**AER Invested Amount<sub>y</sub>**" is as defined in Payout Condition 2.3(b).

"**AER Number**" is as defined in Payout Condition 2.3(g).

"**AER Rate**" is as defined in Security Condition 34.9.

"**AER Redemption Percentage**" is as defined in Payout Condition 2.3(b).

"**AER Reference Rate**" is as defined in Payout Condition 2.3(b).

"**AER Strike Level<sub>y</sub>**" is as defined in Payout Condition 2.3(b).

"**AER Transition Event**" is as defined in Payout Condition 2.3(b).

"**AER Transition Level**" is as defined in Payout Condition 2.3(b).

"**AER Transition Rate**" is as defined in Payout Condition 2.3(b).

"**AER Transition Value**" is as defined in Payout Condition 2.3(b).

"**AER Underlying Allocation**" is as defined in Payout Condition 2.3(b).

"**AF**" is as defined in Payout Conditions 2.6(e), 2.6(o), 2.6(q) and 2.6(s) and in Actively Managed Security Condition 4.

"**AF<sub>(t)</sub>**" is as defined in Payout Conditions 1.1(s) and 1.3(a).

"**Affected Basket Company**" is as defined in Share Security Condition 4.2(e).

"**Affected Commodity**" is as defined in Commodity Security Condition 3(b).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Affected Commodity Reference Price"** is as defined in Index Security Condition 17.2(b)(ii).

**"Affected Component Security"** is as defined in Security Condition 1 under the definition of Strike Date and in Security Condition 28 under the definition of Valuation Date.

**"Affected Custom Index"** is as defined in Index Security Conditions 6.2(b)(i), 6.2(b)(ii)(A), 6.2(c)(i) and 6.2(c)(ii)(A).

**"Affected Entity"** is as defined in Credit Security Condition 7 and 11.

**"Affected ETI"** is as defined in ETI Security Condition 6.2(b) and ETI Security Condition 12.2(e).

**"Affected ETI Interest"** is as defined in ETI Security Condition 6.2(b) and ETI Security Condition 12.2(e).

**"Affected Euro Fund"** is as defined in Fund Security Condition 10(c).

**"Affected Exchange-traded Contract"** is as defined in Debt Security Condition 9(b).

**"Affected Fund"** is as defined in Fund Security Condition 4.2(b)(i).

**"Affected Fund Index"** is as defined in Fund Security Condition 4.3(b).

**"Affected Fund Index Component"** is as defined in Fund Security Condition 4.3(a)(i).

**"Affected Index Component"** is as defined in Commodity Security Condition 3(b) and Index Security Condition 17.2(b)(ii).

**"Affected Item"** is as defined in Commodity Security Condition 1 and in Security Condition 1 under the definition of Strike Date and in Condition 28 under the definition of Valuation Date and Averaging Date.

**"Affected Payment Date"** is as defined in Security Condition 35.1.

**"Affected Reference Entity"** is as defined in the Annex to the Additional Terms and Conditions for Credit Securities - Auction Settlement Terms Annex and in Credit Security Condition 2.

**"Affected Reference Entities"** is as defined in Credit Security Condition 2.

**"Affected Relevant Assets"** is as defined in Security Condition 15.1.

**"Affected SARON Observation Period"** is as defined in Security Condition 32(d)(iii)(E)II.

**"Affected Share"** is as defined in Security Condition 15.2(d) and Share Security Condition 4.2(e).

**"Affected Stapled Shares"** is as defined in Share Security Condition 19.

**"Affected Zurich Banking Day"** is as defined in Security Condition 32(d)(iii)(E)II.

**"Affiliate"** is as defined in Security Condition 1 and Credit Security Condition 11.

**"Agency Agreement"** is as defined in paragraph 4 of the Terms and Conditions of Securities.

**"Aggregate Cash Settled Final Security Value"** is as defined in the Collateral Security Conditions, Part A, Condition 1 and Part B, Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Aggregate Collateral Proceeds Share"** is as defined in the Collateral Security Conditions, Part A, Condition 1 and Part B, Condition 1.

**"Aggregate Delivery Share"** is as defined in the Collateral Security Conditions, Part A, Condition 1, Part B, Condition 1, Part C, Condition 1 and Part D, Condition 1.

**"Aggregate Early Redemption Delivery Share"** is as defined in the Collateral Security Conditions, Part C Condition 1 and Part D, Condition 1.

**"Aggregate Final Security Value"** is as defined in the Collateral Security Conditions, Part A, Condition 1, Part B Condition 1, Part C, Condition 1 and Part D Condition 1.

**"Aggregate Loss Amount"** is as defined in Credit Security Condition 11.

**"Aggregate Notional Value"** is as defined in the Collateral Security Conditions, Part B Condition 10.

**"Aggregate Physically Settled Final Security Value"** is as defined in the Collateral Security Conditions, Part A Condition 1.

**"Aggregate Recovery Amount"** is as defined in Credit Security Condition 11.

**"Aggregate Unwind Costs"** is as defined in Credit Security Condition 11.

**"AIs"** is as defined in Security Condition 29.

**"Allocation Fee"** is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.

**"Alternate Cash Amount"** is as defined in Security Condition 5.4.

**"Alternative Collateral Value"** is as defined in the Collateral Security Conditions, Part A, Condition 1 and Condition 5.2.

**"Alternative Early Redemption Amount"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Alternative Security Document"** is as defined in the Collateral Security Conditions, Part A, Condition 1, Part B, Condition 1, Part C, Condition 1 and Part D, Condition 1.

**"AMC Value<sub>0</sub>"** is as defined in Actively Managed Security Condition 4.

**"AMC Value<sub>t</sub>"** is as defined in Actively Managed Security Condition 3.

**"AMC Value<sub>t-1</sub>"** is as defined in Actively Managed Security Condition 4.

**"AMC Value<sub>u</sub>"** is as defined in Actively Managed Security Condition 4.

**"Annex"** as defined in paragraph 1 of the Terms and Conditions of Securities.

**"Annex Early Redemption Event"** as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Annexes"** is as defined in paragraph 1 of the Terms and Conditions of Securities.

**"Anti-Financial Crime Laws"** is as defined in Actively Managed Security Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Applicable Withholding Tax**" is defined in Payout Condition 1.1(s), Payout Condition 1.5, Payout Condition 1.8, Payout Condition 2.6(o), Payout Condition 2.6(q), OET Certificate Condition 1 and Actively Managed Security Condition 4.

"**Asset**" is as defined in Credit Security Condition 11.

"**Asset Backed Security**" is as defined in the Annex to the Additional Terms and Conditions for Secured Securities – Eligible Collateral Index.

"**Asset Default Event**" is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Asset Market Value**" is as defined in Credit Security Condition 11.

"**Asset Package**" is as defined in Credit Security Condition 11.

"**Asset Package Credit Event**" is as defined in Credit Security Condition 11.

"**Asset Package Delivery**" is as defined in Credit Security Condition 6.

"**Asset Payment Default Event**" is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Asset Payment Shortfall Event**" is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Asset Redemption Event**" is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Asset Transfer Notice**" is as defined in Security Condition 35.2(a)(i).

"**Assignable Loan**" is as defined in Credit Security Condition 6 and 11.

"**Attachment Point**" is as defined in Credit Security Condition 11.

"**Auction**" is as defined in the Annex to the Additional Terms and Conditions for Credit Securities - Auction Settlement Terms Annex and Credit Security Condition 11.

"**Auction Cancellation Date**" is as defined in Credit Security Condition 11.

"**Auction Covered Transaction**" is as defined in Credit Security Condition 11.

"**Auction Currency Rate**" is as defined in the Annex to the Additional Terms and Conditions for Credit Securities - Auction Settlement Terms Annex.

"**Auction Date**" is as defined in the Annex to the Additional Terms and Conditions for Credit Securities - Auction Settlement Terms Annex.

"**Auction Final Price**" is as defined in Credit Security Condition 11.

"**Auction Final Price Determination Date**" is as defined in Credit Security Condition 11.

"**Auction Methodology**" is as defined in the Annex to the Additional Terms and Conditions for Credit Securities - Auction Settlement Terms Annex.

"**Auction Settlement Amount**" is as defined in Credit Security Condition 11.



## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Auction Settlement Amount Notice**" is as defined in Credit Security Condition 11.

"**Auction Settlement Date**" is as defined in Credit Security Condition 11.

"**AUM Level**" is as defined in Fund Security Condition 1.

"**Automatic Coupon Switch Event**" is as defined in Security Condition 32.

"**Automatic Coupon Switch Level**" is as defined in Security Condition 32.

"**Automatic Early Redemption Amount**" is as defined in OET Certificate Condition 1, Security Condition 34.9 and 34.11 and Actively Managed Security Condition 7.6.

"**Automatic Early Redemption Date**" is as defined in OET Certificate Condition 2, in Security Condition 34.9, Security Condition 34.11 and Actively Managed Security Condition 7.6.

"**Automatic Early Redemption Event**" is as defined in OET Certificate Condition 1 and in Security Conditions 34.9(a), 34.9 and 34.11.

"**Automatic Early Redemption Event 1**" is as defined in Security Condition 34.9.

"**Automatic Early Redemption Event 2**" is as defined in Security Condition 34.9.

"**Automatic Early Redemption Level**" is as defined in Security Condition 34.9.

"**Automatic Early Redemption Level 1**" is as defined in Security Condition 34.9.

"**Automatic Early Redemption Level 2**" is as defined in Security Condition 34.9.

"**Automatic Early Redemption Payout**" is as defined in Payout Condition 1.2.

"**Automatic Early Redemption Percentage**" is as defined in Security Condition 34.9.

"**Automatic Early Redemption Valuation Date**" is as defined in OET Certificate Condition 1, Security Conditions 34.9 and 34.11 and Actively Managed Security Condition 7.6.

"**Automatic Early TIPP Value**" is as defined in Payout Condition 2.6(g).

"**Autoroll Date**" is as defined in Security Condition 34.13.

"**Autoroll Event**" is as defined in Security Condition 34.13.

"**Autoroll Level**" is as defined in Security Condition 34.13.

"**Available Delivery Cash Proceeds**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Available Specified Reference Collateral Assets**" is as defined in the Collateral Security Conditions, Part C, Condition 1.1 and Part D Condition 1.1.

"**Average Basket Value**" is as defined in Payout Condition 2.9(b).

"**Average Best Value**" is as defined in Payout Condition 2.9(b).

"**Average Rainbow Value**" is as defined in Payout Condition 2.9(b).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Average Underlying Reference TOM Value**" is as defined in Payout Condition 2.9(a).

"**Average Underlying Reference Value**" is as defined in Payout Condition 2.9(a).

"**Average Underlying Reference Volatility Hedged Value**" is as defined in Payout Condition 2.9(b).

"**Average Worst Value**" is as defined in Payout Condition 2.9(b).

"**Averaging Date**" is as defined in Security Condition 28, Index Security Condition 8, in Index Security Condition 14, in Index Security Condition 19 in Currency Security Condition 1 and in Fund Security Condition 1.

"**Averaging**" is as defined in Security Condition 30.

"**AVRG Value**" is as defined in Payout Condition 2.12.

"**B**" is as defined in Payout Condition 2.2(h), Payout Condition 2.6(c), Credit Security Condition 11, Share Security Condition 4.2 and ETI Security Condition 6.2.

"**b**" is as defined in Payout Condition 2.6(c).

"**Bank Rate**" is as defined in Security Condition 32(d)(iii)(B)IV.

"**Banking Day**" is as defined in Index Security Condition 8.

"**Bankruptcy**" is as defined in Credit Security Condition 11, Annex B to the Additional Terms and Conditions for Credit Securities – Credit Derivatives Determinations Committees and Credit Security Conditions, Part A Condition 8.6.

"**Barrier Condition**" is as defined in Payout Condition 2.5(a).

"**Barrier Level**" is as defined in Payout Condition 1.4 and 2.5(a).

"**Barrier Percentage**" is as defined in Payout Condition 1.4.

"**Barrier Percentage Strike Price**" is as defined in Payout Condition 2.12.

"**Barrier Value**" is as defined in Payout Condition 2.1(g).

"**Base Invested Amount**" is as defined in Payout Condition 2.1(m), Payout Condition 2.2(l) and Payout Condition 2.3(b).

"**Base Level**" is as defined in Inflation Index Security Condition 2(b).

"**Basket  $ER_t$** " is as defined in Payout Condition 2.6(e).

"**Basket  $ER_{t-1}$** " is as defined in Payout Condition 2.6(e).

"**Basket<sub>0</sub>**" is as defined in Actively Managed Security Condition 4.

"**Basket<sub>t</sub>**" is as defined in Payout Condition 2.6(e) and Actively Managed Security Condition 4.

"**Basket<sub>t-1</sub>**" is as defined in Payout Condition 2.6(e) and Actively Managed Security Condition 4.

"**Basket Allocation Agency Agreement**" is as defined in Actively Managed Security Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Basket Allocation Agent"** is as defined in Actively Managed Security Condition 1.

**"Basket Allocation Agent"** is as defined in Actively Managed Security Condition 6.

**"Basket Company"** is as defined in Security Condition 15.2(d) and in Share Security Condition 1, Share Security Condition 4.2(e) and in Share Security Condition 19.

**"Basket Component"** is as defined in Commodity Security Condition 1.

**"Basket Entitlement Amount"** is as defined in Payout Condition 2.4(d).

**"Basket of Commodities"** is as defined in Commodity Security Condition 1.

**"Basket of Custom Indices"** is as defined in Index Security Condition 8.

**"Basket of ETI Interests"** is as defined in ETI Security Condition (a)(vi)9.

**"Basket of Futures"** is as defined in Futures Security Condition 1.

**"Basket of Indices"** is as defined in Index Security Condition 1.

**"Basket of Shares"** is as defined in Share Security Condition 1.

**"Basket of Underlying References"** is as defined in Security Condition 34.9 and Security Condition 34.9(b).

**"Basket Price 1"** is as defined in Security Condition 34.9.

**"Basket Price 2"** is as defined in Security Condition 34.9.

**"Basket Trigger Event"** is as defined in ETI Security Condition 1 and Fund Security Condition 1.

**"Basket Trigger Level"** is as defined in ETI Security Condition 1 and Fund Security Condition 1.

**"Basket Value"** is as defined in Payout Condition 2.6(c).

**"Bear Certificate Value"** is as defined in Payout Condition 1.1(hh).

**"Bear Certificate Value Initial"** is as defined in Payout Condition 1.5.

**"Bear CV<sub>t</sub>"** is as defined in Payout Condition 1.1(hh).

**"Bear CV<sub>t-1</sub>"** is as defined in Payout Condition 1.5.

**"Bench<sub>0</sub>"** is as defined in Actively Managed Security Condition 4.

**"Bench<sub>t</sub>"** is as defined in Actively Managed Security Condition 4.

**"Benchmark"** is as defined in Security Condition 15.1 and Actively Managed Security Condition 4.

**"Benchmark Modification or Cessation Event"** is as defined in Security Condition 15.1.

**"Best Conditional Value"** is as defined in Payout Condition 2.6(c).

**"Best Delta One Div Mono Value"** is as defined in Payout Condition 2.6(c).

**"Best Intraday Value"** is as defined in Payout Condition 2.6(c).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Best Value**" is as defined in Payout Condition 2.6(c).

"**BestLockValue<sub>(i)</sub>**" is as defined in Payout Condition 2.2(d)(iii).

"**Best-Performing Underlying Reference Closing Price Value<sub>(i)</sub>**" is as defined in Payout Condition 2.4(b).

"**Bloomberg Screen SOFRRATE Page**" is as defined in Security Condition 32(d)(iii)(C)III.

"**BMR**" is as defined in Security Condition 15.1.

"**BNP Paribas Group**" is as defined in the Collateral Security Conditions, Part A, Condition 8.6 and Annex B to the Additional Terms and Conditions for Credit Securities – Credit Derivatives Determinations Committees.

"**BNPP**" is as defined in paragraph 3 of the Terms and Conditions of Securities.

"**BNPP B.V.**" is as defined in paragraph 3 of the Terms and Conditions of Securities.

"**BNPP Guarantee**" is as defined in Security Condition 1.

"**BNPP Guarantor**" as defined in paragraph 5 of the Terms and Conditions of Securities.

"**BNPP Holding**" is as defined in the Collateral Security Conditions, Part A, Condition 1, Part B, Condition 1, Part C, Condition 1 and Part D, Condition 1.

"**Bond**" is as defined in Credit Security Condition 11.

"**Bonus Coupon**" is as defined in Payout Condition 2.12.

"**Bonus Coupon Day Count Fraction**" is as defined in Credit Security Condition 11.

"**Bonus Coupon Determination Date**" is as defined in Credit Security Condition 11.

"**Bonus Coupon Implicit Portfolio Size**" is as defined in Credit Security Condition 11.

"**Bonus Coupon Payment Date(s)**" is as defined in Credit Security Condition 11.

"**Bonus Coupon Writedown Rate**" is as defined in Credit Security Condition 11.

"**Bonus Level**" is as defined in Payout Condition 1.4.

"**Bonus Level Percentage**" is as defined in Payout Condition 1.4.

"**Bonus Percentage**" is as defined in Payout Condition 1.4.

"**Borrowed Money**" is as defined in Credit Security Condition 11.

"**Bull Certificate Value**" is as defined in Payout Condition 1.1(hh).

"**Bull Certificate Value Initial**" is as defined in Payout Condition 1.5.

"**Bull CV<sub>t</sub>**" is as defined in Payout Condition 1.1(hh).

"**Bull CV<sub>t-1</sub>**" is as defined in Payout Condition 1.5.

"**Business Day**" is as defined in Security Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"C" is as defined in Credit Security Condition 11, Share Security Condition 4.2, ETI Security Condition 6.2 and Security Condition 15.2.

"**Calculated Additional Disruption Amount**" is as defined in Security Condition 15.2(b)(ii).

"**Calculated Additional Disruption Amount Determination Date**" is as defined in Security Condition 15.2(b)(ii).

"**Calculated Contract Adjustment Amount**" is as defined in Index Security Condition 9.2(ii) and in Debt Security Conditions 7(b) and 9(a)(ii).

"**Calculated Contract Adjustment Amount Determination Date**" is as defined in Index Security Condition 9.2(ii) and in Debt Security Conditions 7(b) and 9(a)(ii).

"**Calculated Currency Disruption Amount**" is as defined in Currency Security Condition 3(b)(ii).

"**Calculated Currency Disruption Amount Determination Date**" is as defined in Currency Security Condition 3(b)(ii).

"**Calculated Custom Index Adjustment Event Amount**" is as defined in Index Security Condition 6.2(a)(ii)(D)I.

"**Calculated Custom Index Adjustment Event Amount Determination Date**" is as defined in Index Security Condition 6.2(a)(ii)(D)I.

"**Calculated Disposal Reference Nominal Amount**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Calculated Extraordinary ETI Event Amount**" is as defined in ETI Security Condition 12.2(c)(ii).

"**Calculated Extraordinary ETI Event Amount Determination Date**" is as defined in ETI Security Condition 12.2(c)(ii).

"**Calculated Extraordinary Euro Fund Event Amount**" is as defined in Fund Security Condition 10(b)(ii).

"**Calculated Extraordinary Euro Fund Event Amount Determination Date**" is as defined in Fund Security Condition 10(b)(ii).

"**Calculated Extraordinary Event Amount**" is as defined in Share Security Condition 4.2(c)(ii)4.2(c)(i).

"**Calculated Extraordinary Event Amount Determination Date**" is as defined in Share Security Condition 4.2(c)(i).

"**Calculated Fund Index Adjustment Amount**" is as defined in Fund Security Condition 6(iv)(B).

"**Calculated Fund Index Adjustment Amount Determination Date**" is as defined in Fund Security Condition 6(iv)(B).

"**Calculated Futures Adjustment Amount**" is as defined in Futures Security Condition 3.1(b)(ii)3.1(b)(i).

"**Calculated Futures Adjustment Amount Determination Date**" is as defined in Futures Security Condition 3.1(b)(i).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Calculated Index Adjustment Amount**" is as defined in Index Security Condition 3.2(c)(ii) and in Debt Security Condition 5(b).

"**Calculated Index Adjustment Amount Determination Date**" is as defined in Index Security Condition 3.2(c)(ii) and in Debt Security Condition 5(b).

"**Calculated Security Termination Amount**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Calculation Agent**" is as defined in paragraph 6 of the Terms and Conditions of the Securities and Security Condition 32(b).

"**Calculation Currency**" is as defined in Payout Condition 1.5.

"**Calculation Date**" is as defined in ETI Security Condition 1, Fund Security Condition 1 and Collateral Security Condition, Part C, Condition 1 and Part D, Condition 1.

"**Calculation Period**" is as defined in Security Condition 1.

"**Calculation Time<sub>(t)</sub>**" is as defined in Payout Condition 1.5.

"**Calculation Time<sub>(t-1)</sub>**" is as defined in Payout Condition 1.5.

"**Call**" is as defined in Payout Condition 2.3(d).

"**Call Athena up Rate**" is as defined in Payout Condition 2.3(d).

"**Call Calculation Period**" is as defined in Payout Condition 2.3(d).

"**Call Cap Percentage**" is as defined in Payout Condition 2.3(d).

"**Call Constant Percentage**" is as defined in Payout Condition 2.3(d).

"**Call CSN Rate**" is as defined in Payout Condition 2.3(d).

"**Call Event**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Call Exercise Date**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Call Exit Rate**" is as defined in Payout Condition 2.3(d).

"**Call Floor Percentage**" is as defined in Payout Condition 2.3(d).

"**Call Gearing**" is as defined in Payout Condition 2.3(d).

"**Call Rate**" is as defined in Payout Condition 2.3(d).

"**Call Redemption Percentage**" is as defined in Payout Condition 2.3(d).

"**Call Reference Rate**" is as defined in Payout Condition 2.3(d).

"**Call Spread Percentage**" is as defined in Payout Condition 2.3(d).

"**Call Strike Percentage**" is as defined in Payout Condition 2.3(d).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Call Value**" is as defined in Payout Condition 2.3(d).

"**Cancellation Event**" is as defined in Security Condition 15.1.

"**Cap**" is as defined in Payout Condition 3.2.

"**Cap1**" is as defined in Payout Condition 2.6(u).

"**Cap2**" is as defined in Payout Condition 2.6(u).

"**Cap Level**" is as defined in Payout Condition 1.4.

"**Cap Level Percentage**" is as defined in Payout Condition 1.4.

"**Cap Shifted Level**" is as defined in Security Condition 34.13.

"**Cap Percentage**" is as defined in Payout Condition 1.4.

"**Capital Ratio**" is as defined in Credit Security Condition 8.

"**Capitalised Exercise Price**" or "**CEP<sub>t</sub>**" is as defined in OET Certificate Condition 1 and in Payout Condition 1.8.

"**Capped Reference Entity**" is as defined in Credit Security Condition 11.

"**Cash<sub>0</sub>**" is as defined in Payout Condition 2.6(u).

"**Cash<sub>t</sub>**" is as defined in Payout Condition 2.6(u) and Actively Managed Security Condition 4.

"**Cash<sub>t-1</sub>**" is as defined in Payout Condition 2.6(u).

"**Cash Collateral Value**" is as defined in the Collateral Security Conditions, Part A, Condition 1 and 3.2.

"**Cash Dividend**" is as defined in Share Security Condition 6(c).

"**Cash Dividend Amount**" is as defined in Share Security Condition 6(c).

"**Cash Dividend Notice**" is as defined in Share Security Condition 6(b).

"**Cash Dividend Payment Date**" is as defined in Share Security Condition 6(c).

"**Cash Level<sub>0</sub>**" is as defined in Payout Condition 2.6(m).

"**Cash Lock Event**" is as defined in Payout Condition 2.6(s).

"**Cash Portion Percentage**" is as defined in the Collateral Security Conditions, Part A, Condition 1 and Part B, Condition 1.

"**Cash Settled Certificates**" is as defined in Security Condition 30.

"**Cash Settled Exercisable Certificates**" is as defined in Security Condition 34.7(a).

"**Cash Settled Portion**" is as defined in the Collateral Security Conditions, Part A, Condition 1 and Part B, Condition 1.

"**Cash Settled Portion Assets**" is as defined in the Collateral Security Conditions, Part A Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Cash Settled Securities**" is as defined in Security Condition 1.

"**Cash Settlement Amount**" is as defined in Security Condition 28, and and Currency Security Condition 13 and Actively Managed Security Condition 7.2.

"**Cash Settlement Date**" is as defined in the Collateral Security Conditions, Part A, Condition 8.6 and Part B, Condition 8.6, Annex B to the Additional Terms and Conditions for Credit Securities – Credit Derivatives Determinations Committees, Credit Security Condition 11.

"**CBF Certificates**" is as defined in Security Condition 29.

"**CBF Global Certificate**" is as defined in Security Condition 29.

"**CDS Credit Event**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Central Administrator**" is as defined in Commodity Security Condition 8.

"**Central Securities Depositories Regulation**" is as defined in Security Condition 28.

"**CEP<sub>t-1</sub>**" is as defined in OET Certificate Condition 1(b) and in Payout Condition 1.8.

"**Cert<sub>(t0)</sub>**" is as defined in Payout Condition 1.1(s).

"**Certificate Value**" is as defined in the Collateral Security Conditions, Part A, Condition 8.6 and Part B, Condition 8.6.

"**Certificates**" is as defined in paragraph 3 of the Terms and Conditions of Securities.

"**CFTC**" is as defined in Security Condition 2.

"**Chairman**" is as defined in Security Condition 9.4(i)(E) and 9.4(b)(iii)(D).

"**Change in Law**" is as defined in Credit Security Condition 11 and Security Condition 15.1.

"**Charged Agreement**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Charged Assets**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Charged Assets Proceeds**" is as defined in Part C and Part D Collateral Security Condition 1.

"**China Connect Disruption**" is as defined in Share Security Condition 1.

"**China Connect Early Closure**" is as defined in Share Security Condition 1.

"**China Connect Exchange**" is as defined in Share Security Condition 1.

"**China Connect Service**" is as defined in Share Security Condition 1.

"**China Connect Service Termination**" is as defined in Share Security Condition 4.1.

"**China Connect Share Disqualification**" is as defined in Share Security Condition 4.1.

"**CSDCC**" is as defined in Share Security Condition 4.1.



## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Clearance System**" is as defined in Index Security Condition 1, Share Security Condition 1, ETI Security Condition 1 and Condition 9, Debt Security Condition 12 and Futures Security Condition 1.

"**Clearance System Days**" is as defined in Index Security Condition 1, Share Security Condition 1, ETI Security Condition 1 and Condition 9, Debt Security Condition 12 and Futures Security Condition 1.

"**Clearing System**" is as defined in Security Condition 1.

"**Clearing System Certificates**" is as defined in Security Condition 29.

"**Clearing System Global Certificate**" is as defined in Security Condition 29.

"**Clearing System Global Security**" is as defined in Security Condition 1.

"**Clearing System Securities**" is as defined in Security Condition 1.

"**Clearstream, Frankfurt**" is as defined in Security Condition 1.

"**Clearstream, Luxembourg**" is as defined in Security Condition 29.

"**Closing Level**" is as defined in Index Security Condition 1 and Index Security Condition 8.

"**Closing Price**" is as defined in Share Security Condition 1 and ETI Security Condition 1 and Condition 9.

"**CNY**" is as defined in Security Condition 35.1.

"**CNY Governmental Authority**" is as defined in Security Condition 35.1.

"**CNY Illiquidity Event**" is as defined in Security Condition 35.1.

"**CNY Inconvertibility Event**" is as defined in Security Condition 35.1.

"**CNY Non-Transferability Event**" is as defined in Security Condition 35.1.

"**CNY Payment Disruption Cut-off Date**" is as defined in Security Condition 35.1.

"**CNY Settlement Centre**" is as defined in Security Condition 35.1.

"**Coco Provision**" is as defined in Credit Security Condition 8.

"**CoCo Supplement**" is as defined in Credit Security Condition 8 and 11.

"**Collateral Account**" is as defined in the Collateral Security Conditions, Part A, Condition 1 and 3.2, Part B, Condition 1 and 3.2, Part C, Condition 1 and 3.2 and Part D, Condition 1 and 3.2.

"**Collateral Agent**" is as defined in the Collateral Security Conditions, Part A, Condition 1 and 2.2 and Part B, Condition 1 and 2.2.

"**Collateral Asset Default**" is as defined in the Collateral Security Conditions, Part A, Condition 7.1 and Part B Condition 7.1.

"**Collateral Asset Default Date**" is as defined in the Collateral Security Conditions, Part A Condition 9.3.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Collateral Asset Default Determination Date"** is as defined in the Collateral Security Conditions, Part A, Condition 1.

**"Collateral Asset Issuer"** is as defined in the Collateral Security Conditions, Part A, Condition 1.

**"Collateral Asset Issuer Default"** is as defined in the Collateral Security Conditions, Part A, Condition 7.1.

**"Collateral Asset Linked Security"** is as defined in the Collateral Security Conditions and Part B, Condition 1.

**"Collateral Assets"** is as defined in the Collateral Security Conditions, Part A, Condition 1, Part B, Condition 1, Part C, Condition 1 and Part D, Condition 1.

**"Collateral Assets Value"** is as defined in the Collateral Security Conditions, Part A, Condition 1, Part B, Condition 1, Part C, Condition 1 and Part D, Condition 1.

**"Collateral Calculation Agent"** is as defined in the Collateral Security Conditions, Part A, Condition 1, Part B, Condition 1, Part C, Condition 1 and Part D, Condition 1.

**"Collateral Cash Settlement"** is as defined in the Collateral Security Conditions, Part A Condition 1 and Part B Condition 1.

**"Collateral Credit Security Settlement Date"** is as defined in the Collateral Security Conditions, Part A, Condition 8.6 and Part B, Condition 8.6.

**"Collateral Custodian"** is as defined in the Collateral Security Conditions, Part A, Condition 1, Part B, Condition 1, Part C, Condition 1 and Part D, Condition 1.

**"Collateral Delivery Date"** is as defined in the Collateral Security Conditions, Part A, Condition 1, Part B, Condition 1, Part C, Condition 1 and Part D, Condition 1.

**"Collateral Delivery Rounding Amount"** is as defined in the Collateral Security Conditions, Part A Condition 1 and 3.6 and Part B Condition 1 and 3.6.

**"Collateral Disposal"** is as defined in the Collateral Security Conditions, Part C, Condition 5.17 and Part D, Condition 5.17.

**"Collateral Disposal Agent"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Collateral Disruption"** is as defined in the Collateral Security Conditions, Part A, Condition 7.1 and Part B, Condition 7.1.

**"Collateral Early Settlement Amount"** is as defined in the Collateral Security Conditions, Part A, Condition 7.3 and Part B, Condition 7.3.

**"Collateral Enforcement Proceeds"** is as defined in the Collateral Security Conditions, Part A, Condition 1, Part B, Condition 1 Part C, Condition 1 and Part D, Condition 1.

**"Collateral Exchange Agreement"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Collateral Exchange Agreement Termination Payment"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Collateral Exchange Counterparty"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Collateralisation Increase Percentage"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Collateralisation Level"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Collateralisation Reduction Percentage"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Collateralised Percentage"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Collateral Percentage"** is as defined in the Collateral Security Conditions, Part A Condition 1 and Part B Condition 1.

**"Collateral Physical Settlement"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Collateral Pool"** is as defined in the Collateral Security Conditions, Part A, Condition 1, Part B, Condition 1, Part C, Condition 1 and Part D, Condition 1.

**"Collateral Proceeds Share"** is as defined in the Collateral Security Conditions, Part A Condition 1, Part B Condition 1, Part C Condition 1 and Part D Condition 1.

**"Collateral Sale Proceeds"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Collateral Security Conditions"** is as defined in Annex 13, paragraph 1.

**"Collateral Security Credit Certificate"** is as defined in the Collateral Security Conditions, Part A, Condition 1 and Part B, Condition 1.

**"Collateral Settlement Disruption Event"** is as defined in the Collateral Security Conditions, Part A, Condition 1, Part B, Condition 1, Part C, Condition 1 and Part D, Condition 1.

**"Collateral Settlement Disruption Period"** is as defined in the Collateral Security Conditions, Part C Condition 1.

**"Collateral Split Rounding Amount"** is as defined in the Collateral Security Conditions, Part A, Condition 1 and 3.8 and Part B, Condition 1 and 3.8.

**"Collateral Trigger Percentage"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Collateral Valuation Date"** is as defined in the Collateral Security Conditions, Part A, Condition 1, Part B, Condition 1, Part C, Condition 1 and Part D, Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Collateral Valuation Period"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Collateral Value"** is as defined in the Collateral Security Conditions, Part A, Condition 1 and Part B, Condition 1.

**"Collective Investment Scheme"** is as defined in the Collateral Security Conditions, Part A, Condition 1 and Part B, Condition 1.

**"Combination Credit Securities"** is as defined in Credit Security Condition 11.

**"Combination Value"** is as defined in Payout Condition 2.6(c).

**"Commodity"** is as defined in Commodity Security Condition 1 and Condition 3(b).

**"Commodity Business Day"** is as defined in Commodity Security Condition 1, in Index Security Condition 19.

**"Commodity Custom Index Market Disruption Event"** as defined in Index Security Condition 17.2.

**"Commodity Custom Index"** is as defined in Index Security Condition 19.

**"Commodity Custom Indices"** is as defined in Index Security Condition 19.

**"Commodity Disrupted Day"** is as defined in Commodity Security Condition 1.

**"Commodity Exchange Act"** is as defined in Security Condition 2.1.

**"Commodity Fallback Value"** is as defined in Commodity Security Condition 1 and in Index Security Condition 19.

**"Commodity Index"** is as defined in Commodity Security Condition 1.

**"Commodity Index Adjustment Event"** is as defined in Commodity Security Condition 4(b).

**"Commodity Index Cancellation"** is as defined in Commodity Security Condition 4(b).

**"Commodity Index Disruption"** is as defined in Commodity Security Condition 4(b).

**"Commodity Index Modification"** is as defined in Commodity Security Condition 4(b).

**"Commodity OET Certificate"** is as defined in Security Condition 1.

**"Commodity Reference Price"** is as defined in Commodity Security Condition 1 in Index Security Condition 17.2(b)(ii) and in Index Security Condition 19.

**"Commodity Securities"** is as defined in Security Condition 2.1.

**"Commodity Security Conditions"** is as defined in Annex 6, paragraph 1.

**"Commodity Trading Disruption"** is as defined in Index Security Condition 19.

**"Common Depositary"** is as defined in Security Condition 29.

**"Component Currency"** is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

- "**Component Disrupted Day**" is as defined in Actively Managed Security Condition 1.
- "**Component Notional Amount**" is as defined in Credit Security Condition 11.
- "**Component Percentage**" is as defined in Credit Security Condition 11.
- "**Component Security**" is as defined in Index Security Condition 1 and in Index Security Condition 14.
- "**Component Security Index**" is as defined in Index Security Condition 1.
- "**Composite Index**" is as defined in Index Security Condition 1.
- "**Compounded Daily €STR**" is as defined in Security Condition 32(d)(iii)(D)I.
- "**Compounded Daily SARON**" is as defined in Security Condition 32(d)(iii)(E)I.
- "**Compounded Daily SOFR**" is as defined in Security Condition 32(d)(iii)(C)III.
- "**Compounded Daily SONIA**" is as defined in Security Condition 32(d)(iii)(B)III.
- "**Compounded Daily TONA**" is as defined in Security Condition 32(d)(ii)(F)I.
- "**Conditional Percentage 1**" is as defined in Payout Condition 2.12.
- "**Conditional Percentage 2**" is as defined in Payout Condition 2.12.
- "**Conditional Value**" is as defined in Payout Condition 2.6(b).
- "**Conditional Value Condition**" is as defined in Payout Condition 2.12.
- "**Conditional Value Level**" is as defined in Payout Condition 2.12.
- "**Conditionally Transferable Obligation**" is as defined in Credit Security Condition 11.
- "**Conditions to Settlement**" is as defined in the Collateral Security Conditions, Part A, Condition 8.4 and Part B, Condition 8.4.
- "**Conforming Reference Obligation**" is as defined in Credit Security Condition 11.
- "**Consent Required Loan**" is as defined in Credit Security Condition 11.
- "**Constant A**" is as defined in Payout Condition 3.2.
- "**Constant B**" is as defined in Payout Condition 3.2.
- "**Constant Percentage**" is as defined in Payout Condition 2.5(a).
- "**Constant Percentage 1**" is as defined in Payout Condition 2.12 and Actively Managed Security Condition 4.
- "**Constant Percentage 2**" is as defined in Payout Condition 2.12 and Actively Managed Security Condition 4.
- "**Constant Percentage 3**" is as defined in Payout Condition 2.12 and Actively Managed Security Condition 4.
- "**Constant Percentage 4**" is as defined in Payout Condition 2.12.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

- "**ConstantM<sub>a</sub>**" is as defined in Payout Condition 2.6(i).
- "**Consultation Period**" is as defined in the Collateral Security Conditions, Part B Condition 7.2.
- "**control**" is as defined in Security Condition 1.
- "**Conversion Event**" is as defined in Share Security Condition 8.
- "**Conversion Rate**" is as defined in OET Certificate Condition 1 and in Payout Condition 1.8.
- "**Conversion Rate Early**" is as defined in Payout Condition 1.4.
- "**Conversion Rate Final**" is as defined in Payout Condition 1.4.
- "**Convertible Bond Collateral**" is as defined in the Annex to the Additional Terms and Conditions for Secured Securities, Condition 3.
- "**Corrected Collateral Value**" is as defined in the Collateral Security Conditions, Part A, Condition 1 and Condition 5.2.
- "**Correction Cut-off Time**" is as defined in Security Condition 32(d)(iii)(F)II.
- "**Corresponding Tenor**" is as defined in Security Condition 32(d)(iii)(D)II.
- "**Count Barrier**" is as defined in Payout Condition 2.12.
- "**Count Observation Value**" is as defined in Payout Condition 2.6(a).
- "**Count Value**" is as defined in Payout Condition 2.6(a).
- "**Coupon Airbag Percentage**" is as defined in Payout Condition 2.12.
- "**Coupon Airbag Percentage 1**" is as defined in Payout Condition 2.12.
- "**Coupon Airbag Percentage 2**" is as defined in Payout Condition 2.12.
- "**Coupon Cap**" is as defined in Payout Condition 3.5.
- "**Coupon Invested Amount<sub>0</sub>**" is as defined in Payout Condition 2.1(m).
- "**Coupon Invested Amount<sub>y</sub>**" is as defined in Payout Condition 2.1(m).
- "**Coupon Multiplier**" or "**y**" is as defined in Payout Condition 2.1(m).
- "**Coupon Percentage**" is as defined in Payout Condition 1.4.
- "**Coupon Percentage 1**" is as defined in Payout Condition 3.2.
- "**Coupon Percentage 2**" is as defined in Payout Condition 3.2.
- "**Coupon Switch**" is as defined in Security Condition 32(i)(i) and Security Condition 32(i)(ii).
- "**Coupon Switch Date**" is as defined in Security Condition 32(i).
- "**Coupon Transition Event**" is as defined in Payout Condition 2.1(m).
- "**Coupon Transition Event Date**" is as defined in Payout Condition 2.1(m).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Coupon Transition Level**" is as defined in Payout Condition 2.1(m).

"**Coupon Transition Rate**" is as defined in Payout Condition 2.1(m).

"**Coupon Transition Value**" is as defined in Payout Condition 2.1(m).

"**Coupon Value**" is as defined in Payout Condition 2.5(a).

"**Coupon Weighting**" is as defined in Payout Condition 2.5(a).

"**Covar**<sub>(1,2),n,t</sub>" is as defined in Payout Condition 2.6(u).

"**Covered Bond Collateral**" is as defined in the Annex to the Additional Terms and Conditions for Secured Securities, Condition 3.

"**CP1**" is as defined in Payout Condition 2.6(i).

"**CP2**" is as defined in Payout Condition 2.6(i).

"**Credit Auction Settlement Amount**" is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.1.

"**Credit Cash Settlement Amount**" is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.1.

"**Credit Component**" is as defined in Credit Security Condition 11.

"**Credit Derivatives Auction Settlement Terms**" is as defined in Credit Security Condition 11.

"**Credit Derivatives Definitions**" is as defined in Credit Security Condition 11.

"**Credit Derivatives Determinations Committee**" is as defined in Credit Security Condition 11, Annex B to the Additional Terms and Conditions for the Credit Securities – Credit Derivatives Determinations Committees and in the Collateral Security Conditions, Part A, Condition 8.6 and Part B Condition 8.6.

"**Credit Event**" is as defined in Credit Security Condition 11, Annex B to the Additional Terms and Conditions for the Credit Securities – Credit Derivatives Determinations Committees and in the Collateral Security Conditions, Part A, Condition 8.6 and Part B, Condition 8.6.

"**Credit Event Backstop Date**" is as defined in Credit Security Condition 11.

"**Credit Event Cash Settlement Amount**" is as defined in Credit Security Condition 11.

"**Credit Event Determination Date**" is as defined in the Collateral Security Conditions, Part A, Condition 8.6 and Part B, Condition 8.6 and Annex B to the Additional Terms and Conditions for the Credit Securities – Credit Derivatives Determinations Committees.

"**Credit Event Notice**" is as defined in Credit Security Condition 11, and Annex B to the Additional Terms and Conditions for the Credit Securities – Credit Derivatives Determinations Committees and in the Collateral Security Conditions, Part A Condition 8.6 and Part B, Condition 8.6.

"**Credit Event Resolution Request Date**" is as defined in Credit Security Condition 11.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Credit Event Settlement Amount"** is as defined in the Collateral Security Conditions, Part A Condition 8.6 and Part B Condition 8.6 and Annex B to the Additional Terms and Conditions for the Credit Securities – Credit Derivatives Determinations Committees.

**"Credit Event Valuation Date"** is as defined in the Collateral Security Conditions, Part A Condition 8.6 and Part B Condition 8.6 and Annex B to the Additional Terms and Conditions for the Credit Securities – Credit Derivatives Determinations Committees.

**"Credit Event Valuation Period"** is as defined in the Collateral Security Conditions, Part A Condition 8.6 and Part B Condition 8.6 and Annex B to the Additional Terms and Conditions for the Credit Securities – Credit Derivatives Determinations Committees.

**"Credit Event Valuation Period End Date"** is as defined in the Collateral Security Conditions, Part A Condition 8.6 and Part B Condition 8.6 and Annex B to the Additional Terms and Conditions for the Credit Securities – Credit Derivatives Determinations Committees.

**"Credit Linked Note Collateral"** is as defined in the Annex to the Additional Terms and Conditions for Secured Securities – Eligible Collateral Annex.

**"Credit Notional Value Repack Securities"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Credit Partial Redemption"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Credit Partial Redemption Amount"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Credit Securities"** is as defined in Credit Security Condition 11 and in Security Condition 2.1.

**"Credit Security Business Day"** is as defined in Credit Security Condition 11.

**"Credit Security Conditions"** is as defined in Annex 12, paragraph 1.

**"Credit Security Dealer"** is as defined in Credit Security Condition 11.

**"Credit Settlement Amount"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.1.

**"Credit Support Assets"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Credit Support Document"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Credit Support Sale Proceeds"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Credit Unwind Costs"** is as defined in Credit Security Condition 11.

**"CREST"** is as defined in Security Condition 1.

**"CREST Dematerialised Certificates"** is as defined in Security Condition 28.

**"CREST Dematerialised Securities"** is as defined in Security Condition 1.



## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

- "**CSR Share Securities**" is as defined in Security Condition 1.
- "**Cumulative ACS Coupon**" is as defined in Condition 32(i).
- "**Cumulative Coupon**" is as defined in Security Condition 34.9.
- "**Cumulative Inflation Rate**" is as defined in Payout Condition 3.5.
- "**Currency Amount**" is as defined in Credit Security Condition 11.
- "**Currency Business Day**" is as defined in Actively Managed Security Condition 4.
- "**Currency Event**" is as defined in Security Condition 15.1.
- "**Currency OET Certificate**" is as defined in Security Condition 1.
- "**Currency Rate**" is as defined in Credit Security Condition 11.
- "**Currency Rate Source**" is as defined in Credit Security Condition 11.
- "**Currency Securities**" is as defined in Security Condition 2.1.
- "**Currency Security Conditions**" is as defined in Annex 8, paragraph 1.
- "**Current ACS Interest Period**" is as defined in Condition 32(i).
- "**Current Exchange-traded Contract**" is as defined in Index Security Condition 9.1 and in Debt Security Condition 6.
- "**Current FX Memory Coupon Interest Period**" is as defined in Payout Condition 3.1(f).
- "**Current Interest Period**" is as defined in Security Condition 34.9.
- "**Custodian**" is as defined in Security Condition 29.
- "**CustomIndex**" is as defined in Actively Managed Security Condition 4.
- "**Custom Index**" or "**Custom Indices**" is as defined in Index Security Condition 8 and Actively Managed Security Condition 1.
- "**Custom Index Adjustment Event**" is as defined in Index Security Condition 6.2 and in Index Security Condition 17.1.
- "**Custom Index Business Day**" is as defined in Index Security Condition 8 and Actively Managed Security Condition 1.
- "**Custom Index Business Day (All Custom Indices Basis)**" is as defined in Index Security Condition 8.
- "**Custom Index Business Day (Per Custom Index Basis)**" is as defined in Index Security Condition 8.
- "**Custom Index Business Day (Single Custom Index Basis)**" is as defined in Index Security Condition 8.
- "**Custom Index Cancellation**" is as defined in Index Security Condition 6.2 and in Index Security Condition 17.1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Custom Index Correction Period**" is as defined in Index Security Condition 8.

"**Custom Index Disruption Event**" is as defined in Index Security Condition 6.2 and in Index Security Condition 17.1.

"**Custom Index List**" is as defined in Actively Managed Security Condition 1.

"**Custom Index Modification**" is as defined in Index Security Condition 6.2 and in Index Security Condition 17.1.

"**Custom Index Trading Day**" is as defined in Index Security Condition 8.

"**Custom Index Universe Criteria**" is as defined in Actively Managed Security Condition 1.

"**Cut-Off Date**" is as defined in Inflation Index Security Condition 1 and in Security Condition 28.

"**CV<sub>(0)</sub>**" is as defined in Payout Condition 1.3(a).

"**CV<sub>(t-1)</sub>**" is as defined in Payout Condition 1.3(a).

"**CV Calculation Day**" is as defined in Payout Condition 1.3(a).

"**CW**" is as defined in Payout Condition 2.1(j).

"**d**" is as defined in Security Condition 32(d)(iii)(B)III, in Security Condition 32(d)(iii)(C)III(a), in 32(d)(iii)(C)III(b), in Security Condition 32(d)(iii)(D)I, in Security Condition 32(d)(iii)(E)I in 32(d)(iii)(F)I(a) and in Security Condition 32(d)(iii)(F)I(b).

"**do**" is as defined in Security Condition 32(d)(iii)(C)III(a), in Security Condition 32(d)(iii)(C)III(b), in Security Condition 32(d)(iii)(D)I and Security Condition 32(d)(iii)(E)I, in Security Condition 32(d)(iii)(F)I(a) and in Security Condition 32(d)(iii)(F)I(b).

"**de**" is as defined in Security Condition 32(d)(iii)(C)III(c).

"**DA Interest [1]/[2]**" is as defined in Payout Condition 2.6(m).

"**DA Max Sum Rate<sub>o</sub>**" is as defined in Payout Condition 2.6(m).

"**DA Rate<sub>o,p</sub>**" is as defined in Payout Condition 2.6(m).

"**DA Rate<sub>o\*,p</sub>**" is as defined in Payout Condition 2.6(m).

"**DA Sum Rate<sub>o</sub>**" is as defined in Payout Condition 2.6(m).

"**DA Value**" is as defined in Payout Condition 2.6(l).

"**Daily AER Additional Share<sub>(i)</sub>**" is as defined in Payout Condition 2.3(g).

"**Daily AER Share<sub>(i)</sub>**" is as defined in Payout Condition 2.3(g).

"**Daily Additional Share<sub>(i)</sub>**" is as defined in Payout Condition 2.4(e).

"**Daily Leverage**" is as defined in Payout Condition 1.5.

"**Daily Settlement Price**" is as defined in Debt Security Condition 6.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Daily Share<sup>(i)</sup>**" is as defined in Payout Condition 2.4(e).

"**Danish Dematerialised Certificates**" is as defined in Security Condition 28.

"**Danish Dematerialised Securities**" is as defined in Security Condition 1.

"**Danish Payment Date**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Danish Record Date**" is as defined in the Collateral Security Conditions, Part A, Condition 11, Part B, Condition 12, Part C, Condition 1 and Condition 9, Part D, Condition 1 and in Security Condition 35.1.

"**Danish Securities Trading Act**" is as defined in Security Condition 1.

"**Danish Security Agent**" is as defined in Terms and Conditions of the Securities, paragraph 4.

"**Day Count Fraction**" is as defined in Security Condition 1.

"**DC Announcement Coverage Cut-off Date**" is as defined in Credit Security Condition 11.

"**DC Barrier Value**" is as defined in Payout Condition 2.5(a).

"**DC Credit Event Announcement**" is as defined in Credit Security Condition 11 and the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**DC Credit Event Meeting Announcement**" is as defined in Credit Security Condition 11.

"**DC Credit Event Question**" is as defined in Credit Security Condition 11.

"**DC Credit Event Question Dismissal**" is as defined in Credit Security Condition 11.

"**DCC Dual Exchange Rate**" is as defined in Currency Security Condition 11.

"**DCC Illiquidity Disruption**" is as defined in Currency Security Condition 11.

"**DC No Credit Event Announcement**" is as defined in Credit Security Condition 11.

"**DC Resolution**" is as defined in the Collateral Security Conditions, Part A, Condition 8.6 and Part B, Condition 8.6 and Annex B to the Additional Terms and Conditions for the Credit Securities – Credit Derivatives Determinations Committees.

"**DC Resolution Reversal Cut-off Date**" is as defined in Credit Security Condition 11 and the Collateral Security Conditions, Part A, Condition 8.6 and Part B, Condition 8.6.

"**DC Secretary**" is as defined in Credit Security Condition 11.

"**DCF**" is as defined in Payout Condition 2.12 and Actively Managed Security Condition 4.

"**Debt Collateral Securities**" is as defined in the Annex to the Additional Terms and Conditions for Secured Securities – Eligible Collateral Annex.

"**Debt Collateral Security**" is as defined in the Annex to the Additional Terms and Conditions for Secured Securities – Eligible Collateral Annex.

"**Debt Instrument Correction Period**" is as defined in Debt Security Condition 12.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Debt Instrument Issuer"** is as defined in Debt Security Condition 12.

**"Debt Instrument Redemption Event"** is as defined in Debt Security Condition 5.

**"Debt Securities"** is as defined in Security Condition 2.1.

**"Debt Security Conditions"** is as defined in Annex 5, paragraph 1.

**"Deemed Excess Collateral Balance"** is as defined in the Collateral Security Conditions, Part C, Condition 5.18 and Part D, Condition 5.18.

**"Deemed Interest Reduction"** is as defined in Credit Security Condition 11.

**"Default Notification"** is as defined in the Collateral Security Conditions, Part A, Condition 1 and Part B, Condition 1.

**"Default Requirement"** is as defined in the Collateral Security Conditions, Part C Condition 1 and Part D Condition 1 and Credit Security Condition 11.

**"Deferred Interest Payment Date"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Definitive Security Agent"** is as defined in the Terms and Conditions of the Securities, paragraph 5.

**"Delayed Date"** is as defined in the Collateral Security Conditions, Part A, Condition 11, Part B, Condition 12, Part C, Condition 1 and Condition 9 and Part D, Condition 9 and in Security Condition 35.1.

**"Delayed Index Level Event"** is as defined in Inflation Index Security Condition 1.

**"Delayed Payment Cut-off Date"** is as defined in Fund Security Condition 1.

**"Delayed Payment Notice"** is as defined in Fund Security Condition 5.

**"De-Listing"** is as defined in Share Security Condition 4.1 and ETI Security Condition 12.1.

**"Deliver"** is as defined in Credit Security Condition 11.

**"Deliverable Obligation"** is as defined in Credit Security Condition 11.

**"Deliverable Obligation Category"** is as defined in Credit Security Condition 11.

**"Deliverable Obligation Characteristics"** is as defined in Credit Security Condition 11.

**"Deliverable Obligation Provisions"** is as defined in Credit Security Condition 11.

**"Deliverable Obligation Terms"** is as defined in Credit Security Condition 11.

**"Delivery Date"** is as defined in Credit Security Condition 11, Commodity Security Condition 1 and in Security Conditions 34.7(b) and 35.2(a).

**"Delivery Share"** is as defined in the Collateral Security Conditions, Part A, Condition 1, Part B, Condition 1, Part C, Condition 1 and Part D, Condition 1.

**"Delivery Reduction Amount"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Delta One Div Mono Value<sub>0</sub>**" is as defined in Payout Condition 2.6(q).

"**Delta One Div Mono Value<sub>t</sub>**" is as defined in Payout Condition 2.6(p).

"**Delta One Div Mono Value<sub>t-1</sub>**" is as defined in Payout Condition 2.6(q).

"**Delta One Div Multi Value<sub>0</sub>**" is as defined in Payout Condition 2.6(o).

"**Delta One Div Multi Value<sub>t</sub>**" is as defined in Payout Condition 2.6(n).

"**Delta One Div Multi Value<sub>t-1</sub>**" is as defined in Payout Condition 2.6(o).

"**Delta One Div Multi Value<sub>u</sub>**" is as defined in Payout Condition 2.6(o).

"**Delta One Value**" is as defined in Payout Condition 2.6(j).

"**Delta One Withholding Value<sub>0</sub>**" is as defined in Payout Condition 2.6(j).

"**Delta One Withholding Value<sub>t</sub>**" is as defined in Payout Condition 2.6(j).

"**Delta One Withholding Value<sub>t-1</sub>**" is as defined in Payout Condition 2.6(j).

"**Denomination Matching Failure Event**" is as defined in the Collateral Security Conditions, Part C, Condition 5.17 and Part D, Condition 5.17.

"**Deposit**" is as defined in the Collateral Security Conditions, Part A, Condition 8.6 and Part B, Condition 8.6 and in Credit Security Condition 1.

"**Designated Account**" is as defined in the Collateral Security Conditions, Part A, Condition 11, Part B, Condition 12, Part C, Condition 9 and Part D, Condition 9 and in Security Condition 35.1.

"**Designated Bank**" is as defined in the Collateral Security Conditions, Part A Condition 11, Part B Condition 12, Part C Condition 1 and Condition 9 and Part D Condition 9 and in Security Condition 35.1.

"**Designated Maturity**" is as defined in Underlying Interest Rate Security Condition 2 and in Security Condition 32(b)(ii).

"**De-Stapling**" is as defined in Share Security Condition 18.

"**Determination Date(s)**" is as defined in Security Condition 1.

"**Digital Cap Percentage 1**" is as defined in Payout Condition 3.6.

"**Digital Cap Percentage 2**" is as defined in Payout Condition 3.6.

"**Digital Coupon Condition**" is as defined in Payout Condition 2.5(a).

"**Digital Floor Percentage 1**" is as defined in Payout Condition 3.6.

"**Digital Floor Percentage 2**" is as defined in Payout Condition 3.6.

"**Digital Plus Percentage 1**" is as defined in Payout Condition 3.6.

"**Digital Plus Percentage 2**" is as defined in Payout Condition 3.6.

"**Direct Loan Participation**" is as defined in Credit Security Condition 11.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Disappearance of Commodity Reference Price"** is as defined in Commodity Security Condition 1 and in Index Security Condition 19.

**"Dislocation Event"** is as defined in Index Security Condition 9.6, Commodity Security Condition 7, Debt Security Condition 10

**"Dislocation Level"** is as defined in Index Security Condition 9.6, Commodity Security Condition 7, Debt Security Condition 10

**"Dispute"** is as defined in Security Condition 14.1.

**"Dispute Period"** is as defined in the Collateral Security Conditions, Part A, Condition 1 and Part B, Condition 1.

**"Disqualified Transferee"** is as defined in Security Condition 2.4(c).

**"Disrupted Amount"** is as defined in Security Condition 5.6(vi).

**"Disrupted Day"** is as defined in Index Security Conditions 1, 8, 14, and 19, in Share Security Condition 1, in ETI Security Condition 1 and Condition 9, in Debt Security Condition 12, in Currency Security Condition 1 and in Futures Security Condition 1.

**"Disrupted Level Day"** is as defined in Payout Condition 2.6(s).

**"Disrupted Settlement Date"** is as defined in Security Condition 5.6(vi).

**"Disruption Cash Settlement Price"** is as defined in Security Condition 5.1.

**"Disruption Fallback"** is as defined in Commodity Security Condition 1 and Currency Security Condition 3.

**"Distance"** is as defined in Payout Condition 2.6(i).

**"Distributed Amount"** is as defined in Share Security Condition 6.

**"Distributor"** is as defined in the Collateral Security Conditions, Part A Condition 1 and in Credit Security Condition 1.

**"Div<sub>t</sub><sup>costs</sup>"** is as defined in Payout Condition 1.5.

**"div<sub>t</sub><sup>gross</sup>"** is as defined in Payout Condition 1.5.

**"div<sub>t</sub><sup>net</sup>"** is as defined in Payout Condition 1.5.

**"DivPercentage<sub>k,t</sub>"** is as defined in Actively Managed Security Condition 4.

**"Div Percentage"** is as defined in Payout Condition 1.1(s) and 1.3(a).

**"Div Percentage<sub>k,t</sub>"** is as defined in Payout Condition 2.6(o).

**"Div Percentage<sub>t</sub>"** is as defined in Payout Condition 2.6(q).

**"div reinvested factor<sub>0</sub>"** is as defined in Payout Condition 1.1(s) and 1.3(a).

**"Dividend Adjustment Amount"** is as defined in OET Certificate Condition 1 and in Payout Conditions 1.5 and 1.8.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

- "**Dividend Date**" is as defined in Share Security Condition 6.
- "**Dividend Event**" is as defined in ETI Security Condition 1.
- "**Dividend Expenses**" is as defined in Share Security Condition 6.
- "**Dividend FX Rate**" is as defined in Payout Condition in 2.6(o) Actively Managed Security Condition 4.
- "**Divider Additional Coupon**" is as defined in Payout Condition 2.5(a).
- "**Divider Additional Final Payout**" is as defined in Payout Condition 2.12.
- "**Divider Final Redemption Value**" is as defined in Payout Condition 2.12.
- "**Dividend Percentage**" is as defined in OET Certificate Condition 1, Payout Condition 1.5 and Payout Condition 1.8.
- "**d<sub>o</sub>**" is as defined in Security Condition 32(d)(iii)(B)III.
- "**Documents**" is as defined in Security Condition 13.5(b).
- "**Domestic Currency**" is as defined in Credit Security Condition 11.
- "**Domestic Law**" is as defined in Credit Security Condition 11.
- "**Down Call**" is as defined in Payout Condition 2.2(f)(vi).
- "**Down Call Spread**" is as defined in Payout Condition 2.2(f)(vi).
- "**Down Cap Percentage**" is as defined in Payout Condition 2.12.
- "**Down Final Redemption Value**" is as defined in Payout Condition 2.12.
- "**Down Floor Percentage**" is as defined in Payout Condition 2.12.
- "**Down Forward**" is as defined in Payout Condition 2.2(f)(vi).
- "**Down Put**" is as defined in Payout Condition 2.2(f)(vi).
- "**Down Put Spread**" is as defined in Payout Condition 2.2(f)(vi).
- "**Down Strike Percentage**" is as defined in Payout Condition 2.12.
- "**Downside Participation Factor**" is as defined in Payout Condition 1.4.
- "**Downstream Affiliate**" is as defined in Credit Security Condition 11.
- "**Driver Percentage**" is as defined in Payout Condition 2.5(a).
- "**DTC**" is as defined in Security Condition 29.
- "**Dual Currency Certificates**" is as defined in Security Condition 2.1.
- "**Dual Currency Condition**" is as defined in Currency Security Condition 11.
- "**Dual Currency Determination Date**" is as defined in Currency Security Condition 11

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Dual Currency Disrupted Day"** is as defined in Currency Security Condition 11.

**"Dual Currency Disruption Event"** is as defined in Currency Security Condition 11.

**"Dual Currency Rate"** is as defined in Currency Security Condition 11.

**"Dual Exchange Rate"** is as defined in Currency Security Condition 1.

**"Due and Payable Amount"** is as defined in Credit Security Condition 11.

**"Earliest Potential Basket Reallocation Date"** is as defined in Actively Managed Security Condition 1.

**"Earliest Potential Component Reallocation Date"** is as defined in Actively Managed Security Condition 1.

**"Early Closure"** is as defined in Index Security Condition 1 and 14, Share Security Condition 1, ETI Security Condition 1 and Condition 9 and Futures Security Condition 1.

**"Early Preference Share Redemption Date"** is as defined in Preference Share Certificate Condition 1.

**"Early Redemption Additional Proceeds Amount"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Early Redemption Amount"** is as defined in Preference Share Certificate Condition 1 and in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Early Redemption Certificate Amount"** is as defined in Preference Share Certificate Condition 1.

**"Early Redemption Costs"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Early Redemption Date"** is as defined in Preference Share Certificate Condition 1 and in the Collateral Security Condition, Part C, Condition 1 and Part D, Condition 1.

**"Early Redemption Delivery Reduction Amount"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Early Redemption Delivery Share"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Early Redemption Event"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Early Redemption Notice"** is as defined in Preference Share Certificate Condition 1 and in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Early Residual Proceeds Amount"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"EDS"** is as defined in Payout Condition 2.2(b)(i)(B), Payout Condition 2.2(c)(vii) and 2.2(e)(i)(C).

**"EDS Barrier Percentage"** is as defined in Payout Condition 2.12.



## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Eligible ABS Collateral"** is as defined in the Annex to the Additional Terms and Conditions for Secured Securities – Eligible Collateral Index.

**"Eligible Cash"** is as defined in the Annex to the Additional Terms and Conditions for Secured Securities – Eligible Collateral Index.

**"Eligible Collateral"** is as defined in the Collateral Security Conditions, Part A, Condition 1, Part B, Condition 1, Part C, Condition 1 and Part D, Condition 1.

**"Eligible Collateral Annex"** is as defined in Collateral Security Conditions, Part C, Condition 1.

**"Eligible Collateral Issuer"** is as defined in Collateral Security Conditions, Part C, Condition 1.

**"Eligible Collateral Issuer Obligations"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Eligible Country"** is as defined in Actively Managed Security Condition 1.

**"Eligible Countryk"** is as defined in Actively Managed Security Condition 4.

**"Eligible Debt Collateral"** is as defined in the Annex to the Additional Terms and Conditions for Secured Securities – Eligible Collateral Index.

**"Eligible Equity Collateral"** is as defined in the Annex to the Additional Terms and Conditions for Secured Securities – Eligible Collateral Index.

**"Eligible Fund Collateral"** is as defined in the Annex to the Additional Terms and Conditions for Secured Securities – Eligible Collateral Index.

**"Eligible Information"** is as defined in Credit Security Condition 11.

**"Eligible Transferee"** is as defined in Credit Security Condition 11.

**"Emissions Directive"** is as defined in Commodity Security Condition 8.

**"Enforcement Event"** is as defined in the Collateral Security Conditions, Part A, Condition 1, Part B, Condition 1, Part C, Condition 1 and Part D, Condition 1.

**"Enforcement Expenses"** is as defined in the Collateral Security Conditions, Part A, Condition 1, Part B, Condition 1, Part C, Condition 1 and Part D, Condition 1.

**"Enforcement Notice"** is as defined in the Collateral Security Conditions, Part A Condition 1, Part B Condition 1, Part C Condition 1 and Part D Condition 1.

**"English Law Agency Agreement"** as defined in Terms and Conditions of Securities, paragraph 7.

**"English Law Certificates"** is as defined in Security Condition 28.

**"English Law Securities"** is as defined in Security Condition 1.

**"Entitlement"** is as defined in Security Condition 28.

**"Entitlement Amount"** is as defined in Payout Condition 2.4.

**"Entity"** is as defined in ETI Security Condition 1 and Fund Security Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Equity Collateral Securities"** is as defined in the Annex to the Additional Terms and Conditions for Secured Securities – Eligible Collateral Index.

**"Equity Custom Index Market Disruption Event"** is as defined in Index Security Condition 12.

**"Equity Custom Index"** is as defined in Index Security Condition 14.

**"Equity Custom Indices"** is as defined in Index Security Condition 14.

**"Equity Trading Disruption"** is as defined in Index Security Condition 14.

**"Equivalent Amount"** is as defined in Security Condition 35.1.

**"Equivalent Amount Settlement Currency"** is as defined in Security Condition 35.1.

**"Equivalent Amount Settlement Price"** is as defined in Security Condition 35.1.

**"Equivalent Amount Settlement Price Source"** is as defined in Security Condition 35.1.

**"Equivalent Amount Settlement Valuation Time"** is as defined in Security Condition 35.1.

**"Equivalent Securities"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"ER Cap Percentage"** is as defined in Payout Condition 2.3(b).

**"ER Constant Percentage"** is as defined in Payout Condition 2.3(b).

**"ER Constant Percentage 1"** is as defined in Payout Condition 2.3(b).

**"ER Constant Percentage 2"** is as defined in Payout Condition 2.3(b).

**"ER Constant Percentage 3"** is as defined in Payout Condition 2.3(b).

**"ER Floor Percentage"** is as defined in Payout Condition 2.3(b).

**"ER Gearing"** is as defined in Payout Condition 2.3(b).

**"ER Multiplier"** or **"y"** is as defined in Payout Condition 2.3(b).

**"ER Spread"** is as defined in Payout Condition 2.3(b).

**"ER Strike Percentage"** is as defined in Payout Condition 2.3(b).

**"ER Value"** is as defined in Payout Condition 2.3(b).

**"ER Value 1"** is as defined in Payout Condition 2.3(b).

**"ER Value 2"** is as defined in Payout Condition 2.3(b).

**"ERE Force Majeure/No Unwind Costs"** is as defined in Part C and Part D Collateral Security Condition 1.

**"Established Rate"** is as defined in Security Condition 17(b).

**"ETI"** is as defined in ETI Security Condition 1, Condition 6.2(b), Condition 9 and Condition 12.2(e).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**ETI Basket**" is as defined in ETI Security Condition 1.

"**ETI Correction Period**" is as defined in ETI Security Condition 9.

"**ETI Currency Change**" is as defined in ETI Security Condition 12.1.

"**ETI Documents**" is as defined in ETI Security Condition 1 and Condition 9.

"**ETI Interest**" is as defined in Actively Managed Security Condition 1.

"**ETI Interest(s)**" is as defined in ETI Security Condition 1, Condition 6.2(b), Condition 9 and Condition 12.2(e).

"**ETI Interest Correction Period**" is as defined in ETI Security Condition 1.

"**ETI Manager**" is as defined in Security Condition 9.

"**ETI Modification**" is as defined in ETI Security Condition 12.1.

"**ETI OET Certificate**" is as defined in Security Condition 1.

"**ETI Reclassification**" is as defined in ETI Security Condition 12.1.

"**ETI Redemption or Subscription Event**" is as defined in ETI Security Condition 12.1.

"**ETI Regulatory Action**" is as defined in ETI Security Condition 12.1.

"**ETI Related Party**" is as defined in ETI Security Condition 1.

"**ETI Reporting Event**" is as defined in ETI Security Condition 12.1.

"**ETI Securities**" is as defined in Security Condition 2.1.

"**ETI Security Conditions**" is as defined in Annex 4, paragraph 1.

"**ETI Strategy**" is as defined in ETI Security Condition 9.

"**ETI Strategy Breach**" is as defined in ETI Security Condition 12.1.

"**ETI Termination**" is as defined in ETI Security Condition 12.1.

"**ETI Universe Criteria**" is as defined in Actively Managed Security Condition 1.

"**EU Allowance**" is as defined in Commodity Security Condition 8.

"**EU ETS**" is as defined in Commodity Security Condition 8.

"**EURIBOR**" is as defined in Security Condition 32(d)(i)(C).

"**euro**" is as defined in Security Condition 17(b).

"**Euro Fund**" is as defined in Fund Security Condition 7.

"**Euro Fund Business Day**" is as defined in Fund Security Condition 7.

"**Euro Fund Business Day Centre**" is as defined in Fund Security Condition 7.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Euro Fund Documents"** is as defined in Fund Security Condition 7.

**"Euro Fund Extraordinary Event"** is as defined in Fund Security Condition 9.

**"Euro Fund Gearing"** is as defined in Payout Condition 2.12.

**"Euro Fund Valuation Date"** is as defined in Fund Security Condition 7.

**"Euroclear"** is as defined in Security Condition 29

**"Euroclear Agreement"** is as defined in Terms and Conditions of the Securities, paragraph 5.

**"Euroclear Finland"** is as defined in Security Condition 1.

**"Euroclear Finland Register"** is as defined in Security Condition 1.

**"Euroclear Finland System"** is as defined in Security Condition 1.

**"Euroclear France Certificates"** is as defined in the Collateral Security Conditions, Part A Condition 11, Part C, Condition 1 and Part D, Condition 1 in Security Condition 35.1.

**"Euroclear France Securities"** is as defined in Security Condition 2.2.

**"Euroclear Registrar"** is as defined in Terms and Conditions of the Securities, paragraph 5.

**"Euroclear Sweden"** is as defined in Security Condition 1.

**"Euronext Paris"** is as defined in the Collateral Security Conditions, Part A Condition 10.3, Part B, Condition 11.3 and in Security Condition 34.3.

**"Euroclear Sweden Register"** is as defined in Security Condition 1.

**"Euroclear Sweden System"** is as defined in Security Condition 1.

**"EuroTLX"** is as defined in Security Condition 28 under the definition of Italian Certificates.

**"EUTL"** is as defined in Commodity Security Condition 8.

**"Event Determination Date"** is as defined in Credit Security Condition 11.

**"Event Dispute Notice"** is as defined in the Collateral Security Conditions, Part A and Part B Condition 1.

**"Event of Default"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 6.1 and Part C, Condition 1 and Part D, Condition 1.

**"Event Trigger Date"** is as defined in Collateral Security Conditions, Part C Condition 1 and Part D, Condition 1.

**"Excess Amount"** is as defined in Credit Security Condition 11.

**"Excess Collateral Amount"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Excess Collateral Balance"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Excess Collateral Balance Value"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Excess Collateral Percentage"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Exchange"** is as defined in Index Security Conditions 1, 14 and 19, in Share Security Condition 1, ETI Security Condition 1 and Condition 9, Commodity Security Condition 1, Futures Security Condition 1 and Actively Managed Security Condition 1.

**"Exchange Bonds or Loans"** is as defined in Credit Security Condition 11.

**"Exchange Business Day"** is as defined in Index Security Conditions 1 and 14, in Share Security Condition 1, ETI Security Condition 1 and Condition 9, Debt Security Condition 2, Futures Security Condition 1 and Actively Managed Security Condition 1.

**"Exchange Business Day (All ETI Interests Basis)"** is as defined in ETI Security Condition 1 and Condition 9.

**"Exchange Business Day (All Futures Basis)"** is as defined in Futures Security Condition 1.

**"Exchange Business Day (All Indices Basis)"** is as defined in Index Security Condition 1.

**"Exchange Business Day (All Share Basis)"** is as defined in Share Security Condition 1.

**"Exchange Business Day (Per ETI Interest Basis)"** is as defined in ETI Security Condition 1 and Condition 9.

**"Exchange Business Day (Per Future Basis)"** is as defined in Futures Security Condition 1.

**"Exchange Business Day (Per Index Basis)"** is as defined in Index Security Condition 1.

**"Exchange Business Day (Per Share Basis)"** is as defined in Share Security Condition 1.

**"Exchange Business Day (Single ETI Interest Basis)"** is as defined in ETI Security Condition 1 and Condition 9.

**"Exchange Business Day (Single Future Basis)"** is as defined in Futures Security Condition 1.

**"Exchange Business Day (Single Index Basis)"** is as defined in Index Security Condition 1.

**"Exchange Business Day (Single Share Basis)"** is as defined in Share Security Condition 1.

**"Exchange Disruption"** is as defined in Index Security Conditions 1 and 14, in Share Security Condition 1, ETI Security Condition 1 and Condition 9 and Futures Security Condition 1.

**"Exchange Event"** is as defined in Security Condition 29.

**"Exchange Rate"** is as defined in Payout Condition 1.4.

**"Exchange Rate Final"** is as defined in Payout Condition 1.4.

**"Exchange Rate Initial"** is as defined in Payout Condition 1.4.

**"Exchange Rate Previous"** is as defined in Payout Condition 1.1(s).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"exchange traded instrument"** is as defined in Security Condition 2.1.

**"Exchangeable Bond Collateral"** is as defined in the Annex to the Additional Terms and Conditions for Secured Securities – Eligible Collateral Annex.

**"Exchange-traded Contract"** is as defined in Index Security Condition 9.1 and in Debt Security Conditions 6 and 9(b).

**"Excluded Deliverable Obligation"** is as defined in Credit Security Condition 11.

**"Excluded Obligation"** is as defined in Credit Security Condition 11.

**"Ex-Dividend Date"** is as defined in OET Certificate Condition 1 and in Payout Conditions 1.5 and 1.8.

**"Exempt Securities"** is as defined in the Terms and Conditions of the Securities, paragraph 2.

**"Exercisable Certificates"** is as defined in the Collateral Security Conditions, Part A Condition 10.7 and Security Condition 34.7(b).

**"Exercise Amount"** is as defined in Credit Security Condition 8(a)(i) and Credit Security Condition 11.

**"Exercise Business Day"** is as defined in Security Condition 28.

**"Exercise Cut-off Date"** is as defined in Credit Security Condition 11.

**"Exercise Notice"** is as defined in Security Condition 35.2(b)(i).

**"Exercise Price"** is as defined in OET Certificate Condition 1, in Security Condition 1 and in Payout Condition 1.8.

**"Exercise Settlement Date"** is as defined in Security Condition 28.

**"Exhaustion Point"** is as defined in Credit Security Condition 11.

**"exp"** is as defined in Payout Condition 2.6(s).

**"Expenses"** is as defined in Security Condition 11.2.

**"Express Amount"** is as defined in Payout Condition 1.4.

**"Extended Physical Settlement Date"** is as defined in Credit Security Condition 11.

**"Extended Redemption Date"** is as defined in the Collateral Security Conditions, Part A and Part B Condition 8.6.

**"Extended Valuation Period"** is as defined in the Collateral Security Conditions, Part A and Part B Condition 8.6.

**"Extension Date"** is as defined in Credit Security Condition 11 and Collateral Security Condition, Part C, Condition 1 and Part D, Condition 1.

**"Extension Notice"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 8.6 and Part C, Condition 1 and Part D, Condition 1 and in Credit Security Condition 11.

**"Extraordinary ETI Event"** is as defined in ETI Security Condition 4.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Extraordinary ETI Event Effective Date**" is as defined in ETI Security Condition 1 and Condition 12.1.

"**Extraordinary ETI Event Notice**" is as defined in ETI Security Condition 6.1.

"**Extraordinary ETI Event Notification Date**" is as defined in ETI Security Condition 6.1.

"**Extraordinary Euro Fund Event**" is as defined in Fund Security Condition 9.

"**Extraordinary Euro Fund Event Effective Date**" is as defined in Fund Security Condition 7.

"**Extraordinary Event**" is as defined in Share Security Condition 4.1.

"**Extraordinary Event Effective Date**" is as defined in Share Security Condition 1.

"**Extraordinary External Event**" is as defined in Security Condition 15.1.

"**Extraordinary Fund Event**" is as defined in Fund Security Condition 2.

"**Extraordinary Fund Event Effective Date**" is as defined in Fund Security Condition 1.

"**Extraordinary Fund Event Notice**" is as defined in Fund Security Condition 4.1.

"**Extraordinary Fund Event Notification Date**" is as defined in Fund Security Condition 4.1.

"**F**" is as defined in Payout Condition 1.5.

"**Failure to Deliver due to Illiquidity**" is as defined in Security Condition 15.1.

"**Failure to Deliver Settlement Price**" is as defined in Security Condition 15.2(d).

"**Failure to Pay**" is as defined in the Collateral Security Conditions, Part A and Part B Condition 8.6 and in Credit Security Condition 11.

"**Fallback Bond**" is as defined in Inflation Index Security Condition 1.

"**Fallback Collateral**" is as defined in the Collateral Security Conditions, Part A, Condition 1.

"**Fallback Condition**" is as defined in the Collateral Security Conditions, Part A, Condition 1.

"**Fallback Determination Date**" is as defined in the Collateral Security Conditions, Part A, Condition 1.

"**Fallback Settlement Event**" is as defined in Credit Security Condition 11.

"**Fallback Settlement Method**" is as defined in Credit Security Condition 11.

"**FBF Agreement**" is as defined in Security Condition 32(d)(ii).

"**FBF Rate**" is as defined in Security Condition 32(d)(ii).

"**FC<sub>t</sub>**" is as defined in Payout Condition 1.5.

"**Fee**" is as defined in Payout Condition 1.5.

"**Fee Range**" is as defined in Payout Condition 1.5.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

- "fees" is as defined in Payout Condition 1.1(s).
- "Feest" is as defined in Actively Managed Security Condition 4.
- "fees factor<sub>(t)</sub>" is as defined in Payout Condition 1.1(s).
- "FI Basket 1" is as defined in Payout Condition 3.2.
- "FI Basket 2" is as defined in Payout Condition 3.2.
- "FI Constant Percentage 1" is as defined in Payout Condition 3.6.
- "FI DC Barrier Value" is as defined in Payout Condition 3.2.
- "FI Digital Cap Condition" is as defined in Payout Condition 3.6.
- "FI Digital Cap Level" is as defined in Payout Condition 3.6.
- "FI Digital Coupon Condition" is as defined in Payout Condition 3.2.
- "FI Digital Floor Condition" is as defined in Payout Condition 3.6.
- "FI Digital Floor Level" is as defined in Payout Condition 3.6.
- "FI Digital Plus Condition" is as defined in Payout Condition 3.6.
- "FI Digital Plus Level" is as defined in Payout Condition 3.6.
- "FI Digital Value" is as defined in Payout Condition 3.6.
- "FI Interest Valuation Date" is as defined in Payout Condition 3.2.
- "FI Lower Barrier Level" is as defined in Payout Condition 3.2.
- "FI Lower Barrier Level 2" is as defined in Payout Condition 3.2.
- "FI Rate" is as defined in Payout Condition 3.2.
- "FI Rate A" is as defined in Payout Condition 3.2.
- "FI Rate B" is as defined in Payout Condition 3.2.
- "FI Redemption Valuation Date" is as defined in Payout Condition 3.6.
- "FI Upper Barrier Level" is as defined in Payout Condition 3.2.
- "FI Upper Barrier Level 2" is as defined in Payout Condition 3.2.
- "FI Valuation Date" is as defined in Payout Condition 3.6.
- "Final Calculation Date" is as defined in ETI Security Condition 1.
- "Final Coupon Rate" is as defined in Payout Condition 3.6.
- "Final Day Count Fraction" is as defined in Payout Condition 3.6.



## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Final Deferred Payment Date"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Final Interest Period"** is as defined in Payout Condition 3.6.

**"Final Interest Pricing Date"** is as defined in Commodity Security Condition 1.

**"Final Interest Rate"** is as defined in Payout Condition 3.5.

**"Final List"** is as defined in Credit Security Condition 11.

**"Final List Publication Date"** is as defined in Credit Security Condition 11.

**"Final Payout"** is as defined in Payout Condition 1.1, Payout Condition 2.2 and Payout Condition 3.3.

**"Final Price"** is as defined in the Collateral Security Conditions, Part A, and Part B, Condition 8.6 and Credit Security Condition 11.

**"Final Price Calculation Date"** is as defined in Credit Security Condition 11.

**"Final Price Early"** is as defined in OET Certificate Condition 1 and in Payout Condition 1.8.

**"Final Pricing Date"** is as defined in Commodity Security Condition 1.

**"Final RCA Maturity Call Option Date"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Final Redemption Condition"** is as defined in Payout Condition 2.12.

**"Final Redemption Condition 1"** is as defined in Payout Condition 2.12.

**"Final Redemption Condition 2"** is as defined in Payout Condition 2.12.

**"Final Redemption Condition Level"** is as defined in Payout Condition 2.5(a).

**"Final Redemption Condition Level 2"** is as defined in Payout Condition 2.5(a).

**"Final Redemption Value"** is as defined in Payout Condition 2.12.

**"Final Security Value"** is as defined in the Collateral Security Conditions, Part A, Part B, Part C and Part D, Condition 1.

**"Final Settlement Date"** is as defined in Credit Security Condition 11.

**"Final Settlement Price"** is as defined in Payout Condition 3.6.

**"Final Valuation Date"** is as defined in Preference Share Certificate Condition 1.

**"Financing Component"** is as defined in Payout Condition 1.5.

**"Financing Rate"** is as defined in OET Certificate Condition 1 and in Payout Condition 1.8.

**"Financing Rate<sub>t-1</sub>"** is as defined in OET Certificate Condition 1 and in Payout Condition 1.8.

**"Financing Rate Percentage"** is as defined in OET Certificate Condition 1 and in Payout Condition 1.8.

**"Financing Rate Range"** is as defined in OET Certificate Condition 1 and in Payout Condition 1.8.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Finnish Agency Agreement**" is as defined in Terms and Conditions of the Securities, paragraph 5.

"**Finnish Dematerialised Certificates**" is as defined in Security Condition 28.

"**Finnish Dematerialised Securities**" is as defined in Security Condition 1.

"**Finnish Payment Date**" is as defined in the Collateral Security Conditions, Part A Condition 11, Part C, Condition 1 and Part D, Condition 1 and in Security Condition 35.1.

"**Finnish Record Date**" is as defined in the Collateral Security Conditions, Part A, Condition 11 and Part C, Condition 1 and Security Condition 35.1.

"**Finnish Security Agent**" is as defined in the Terms and Conditions of the Securities, paragraph 4.

"**First Entity**" is as defined in Security Condition 1.

"**First Obligation**" is as defined in Credit Security Condition 11.

"**First Ranking**" is as defined in Credit Security Condition 11.

"**First Ranking Interest**" is as defined in Credit Security Condition 11.

"**First Valuation Date**" is as defined in Payout Condition 1.1(s).

"**First Traded Price**" is as defined in Index Security Condition 9.1.

"**Fixed Cap**" is as defined in Credit Security Condition 11.

"**Fixed Premium Amount Certificates**" is as defined in Security Condition 33.2.

"**Fixed Rate Certificates**" is as defined in Security Condition 32.

"**Floating Rate**" is as defined in Underlying Interest Rate Security Condition 2 and in Security Condition 32(d)(ii).

"**Floating Rate Certificates**" is as defined in Security Condition 32.

"**Floating Rate Option**" is as defined in Underlying Interest Rate Security Condition 2 and in Security Condition 32(d)(i).

"**Floor**" is as defined in Payout Condition 2.6(i), 3.2 and 3.6.

"**Floor Percentage**" is as defined in Payout Condition 2.12.

"**Floor Rate of Return**" is as defined in Fund Security Condition 7.

"**Floor Shifted Level**" is as defined in Security Condition 34.13

"**Form of Auction Settlement Terms**" is as defined in the Annex to the Additional Terms and Conditions for Credit Securities - Auction Settlement Terms Annex.

"**Formula**" is as defined in Payout Condition 4.

"**Formula Constituent**" is as defined in Payout Condition 4.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Forward"** is as defined in Payout Condition 2.2(b)(i)(B), Payout Condition 2.2(c)(viii), Payout Condition 2.2(e)(i)(C) and Payout Condition 2.2(e)(ii)(D).

**"Fourth Compliance Period"** is as defined in Commodity Security Condition 8.

**"FR Athena up Rate"** is as defined in Payout Condition 2.5(b).

**"FR Barrier Value"** is as defined in Payout Condition 2.12.

**"FR Barrier Value 2"** is as defined in Payout Condition 2.12.

**"FR Calculation Period"** is as defined in Payout Condition 2.5(b).

**"FR Cap Percentage"** is as defined in Payout Condition 2.5(b).

**"FR Constant Percentage"** is as defined in Payout Condition 2.5(b).

**"FR CSN Rate"** is as defined in Payout Condition 2.5(b).

**"FR Day Count Fraction"** is as defined in Payout Condition 2.5(b).

**"FR Exit Rate"** is as defined in Payout Condition 2.5(b).

**"FR Floor Percentage"** is as defined in Payout Condition 2.5(b).

**"FR Gearing"** is as defined in Payout Condition 2.5(b).

**"FR Rate"** is as defined in Payout Condition 2.5(b).

**"FR Redemption Percentage"** is as defined in Payout Condition 2.5(b).

**"FR Reference Rate"** is as defined in Payout Condition 2.5(b).

**"FR Spread"** is as defined in Payout Condition 2.5(b).

**"FR Strike Percentage"** is as defined in Payout Condition 2.5(b).

**"FR Value"** is as defined in Payout Condition 2.5(b).

**"Frankfurt Certificate Agent"** is as defined in the Terms and Conditions of the Securities, paragraph 4.

**"freely tradable"** is as defined in Security Condition 5.4.

**"French Law Agency Agreement"** is as defined in the Terms and Conditions of the Securities, paragraph 7.

**"French Law Certificates"** is as defined in Security Condition 28.

**"French Law Securities"** is as defined in Security Condition 1.

**"French Collateral Security Agency and Pledge Agreement"** is as defined in Collateral Security Conditions, Part D, Condition 1.

**"French Collateral Security Agent"** is as defined in Collateral Security Conditions, Part D, Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"French Security Agent"** is as defined in the Terms and Conditions of the Securities, paragraph 4.

**"Full Quotation"** is as defined in Credit Security Condition 11.

**"Fully Transferable Obligation"** is as defined in Credit Security Condition 11.

**"Fund"** is as defined in Fund Security Condition 1 and Fund Security Condition 2.39(i).

**"Fund Basket"** is as defined in Fund Security Condition 1.

**"Fund Business Day"** is as defined in Fund Security Condition 1.

**"Fund Business Day (All Fund Shares Basis)"** is as defined in Fund Security Condition 1.

**"Fund Business Day (Single Fund Share Basis)"** is as defined in Fund Security Condition 1.

**"Fund Collateral Securities"** is as defined in the Annex to the Additional Terms and Conditions for Secured Securities, Condition 5.

**"Fund Documents"** is as defined in Fund Security Condition 1.

**"Fund Index"** is as defined in Fund Security Condition 1.

**"Fund Index Adjustment Event"** is as defined in Fund Security Condition 6.

**"Fund Index Cancellation"** is as defined in Fund Security Condition 6.

**"Fund Index Component"** is as defined in Fund Security Condition 1.

**"Fund Index Disruption"** is as defined in Fund Security Condition 6.

**"Fund Index Modification"** is as defined in Fund Security Condition 6.

**"Fund Index Sponsor"** is as defined in Fund Security Condition 1.

**"Fund Securities"** is as defined in Security Condition 2.1.

**"Fund Security Conditions"** is as defined in Annex 9, paragraph 1.

**"Fund Service Provider"** is as defined in Fund Security Condition 1.

**"Fund Share(s)"** is as defined in Fund Security Condition 1 and Fund Security Condition 2.39(ii).

**"Fund Valuation Date"** is as defined in Fund Security Condition 1.

**"Further RCA Interest Amount Payment Date"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Further Subordinated Obligation"** is as defined in Credit Security Condition 11.

**"Future"** or **"Futures"** is as defined in Futures Security Condition 1.

**"Futures Adjustment Event"** is as defined in Futures Security Condition 3.1.

**"Futures Contract"** is as defined in Commodity Security Condition 1.

**"Futures Correction Period"** is as defined in Futures Security Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Futures De-Listing**" is as defined in Futures Security Condition 3.1.

"**Futures Modification**" is as defined in Futures Security Condition 3.1.

"**Futures OET Certificate**" is as defined in Security Condition 1.

"**Futures or Options Exchange**" is as defined in Index Security Condition 9.1 and in Debt Security Condition 6.

"**Futures Replacement**" is as defined in Futures Security Condition 3.1.

"**Futures Rollover Adjustment Amount**" is as defined in OET Certificate Condition 1 and in Payout Conditions 1.5 and 1.8.

"**Futures Rollover Adjustment Ratio**" is as defined in Payout Condition 1.3(a)(ii).

"**Futures Rollover Date**" is as defined in Commodity Security Condition 1, in Index Security Condition 9.1 and in Debt Security Condition 6.

"**Futures Rollover Period**" is as defined in Commodity Security Condition 1, in Index Security Condition 9.1, and in Debt Security Condition 6.

"**Futures Securities**" is as defined in Security Condition 2.1.

"**Futures Security Conditions**" is as defined in Annex 10, paragraph 1.

"**FX**" is as defined in Payout Condition 2.4(f)(iii).

"**FX<sub>0</sub>**" is as defined in Payout Condition 2.6(q).

"**FX<sub>(0)</sub>**" is as defined in Payout Condition 1.3(a)(ii).

"**FX<sub>(i)</sub>**" is as defined in Payout Condition 2.4(a), 2.4(b) and 2.4(c);

"**FX<sub>(k,i)</sub>**" is as defined in Payout Condition 2.4(f).

"**FX<sub>(t)</sub>**" is as defined in Payout Condition 1.3(a)(ii).

"**FX<sub>(t-1)</sub>**" is as defined in Payout Condition 1.3(a)(ii).

"**FX<sub>AER</sub>**" is as defined in Payout Condition 2.3(g).

"**FX<sub>k,0</sub>**" is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.

"**FX<sub>k,Strike-1</sub>**" is as defined in Actively Managed Security Condition 4.

"**FX<sub>k,t</sub>**" is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.

"**FX<sub>k,t-1</sub>**" is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.

"**FX<sub>k,tV</sub>**" is as defined in Actively Managed Security Condition 4.

"**FX<sub>(t)</sub>**" is as defined in Payout Condition 1.1(s).

"**FX<sub>(t0)</sub>**" is as defined in Payout Condition 1.1(s).

"**FX<sub>t</sub>**" is as defined in Payout Condition 2.6(q).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**FX<sub>t-1</sub>**" is as defined in Payout Condition 2.6(q).

"**FX Averaging Date**" is as defined in Currency Security Condition 1.

"**FX Digital Level**" is as defined in Currency Security Condition 1.

"**FX Digital Observation Date**" is as defined in Currency Security Condition 1.

"**FX Knock-in Level**" is as defined in Currency Security Condition 1.

"**FX Knock-out Level**" is as defined in Currency Security Condition 1.

"**FX Level<sub>k,t</sub>**" is as defined in Payout Condition 2.6(e) and Payout Condition 2.6(u).

"**FX Settlement Disruption Currency**" is as defined in Security Condition 5.6(vi).

"**FX Settlement Disruption Cut-off Date**" is as defined in Security Condition 5.6(ii)(A).

"**FX Settlement Disruption Event**" is as defined in Security Condition 5.6(vi).

"**FX Settlement Disruption Exchange Rate**" is as defined in Security Condition 5.6(vi).

"**FX Settlement Disruption Expenses**" is as defined in Security Condition 5.6(vi).

"**FX Settlement Disruption Notice**" is as defined in Security Condition 5.6(i).

"**FX Value**" is as defined in Payout Condition 2.6(a).

"**FX Weighting**" is as defined in Payout Condition 3.6.

"**γ**" is as defined in Payout Condition 2.6(s).

"**G**" is as defined in Payout Condition 3.2 and Payout Condition 3.6.

"**G%**" is as defined in Payout Condition 2.6(i).

"**GDR**" is as defined in Share Security Condition 8.

"**GDR/ADR**" is as defined in Security Condition 2.1.

"**GDRs**" is as defined in the Annex to the Additional Terms and Conditions for Secured Securities Condition 2(f).

"**Gear Down**" is as defined in Payout Condition 2.12.

"**Gear Up 1**" is as defined in Payout Condition 2.12.

"**Gear Up 2**" is as defined in Payout Condition 2.12.

"**Gearing**" is as defined in Payout Condition 2.12 and Payout Condition 3.6.

"**Gearing A**" is as defined in Payout Condition 3.6.

"**Gearing B**" is as defined in Payout Condition 3.6.

"**Gearing Down**" is as defined in Payout Condition 2.12.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

- "**Gearing Up**" is as defined in Payout Condition 2.12.
- "**General Meeting**" is as defined in Security Condition 9.4(b)(ii)(B).
- "**Global Cap A**" is as defined in Payout Condition 3.2.
- "**Global Cap B**" is as defined in Payout Condition 3.2.
- "**Global Certificate**" is as defined in Security Condition 29.
- "**Global Floor A**" is as defined in Payout Condition 3.2.
- "**Global Floor B**" is as defined in Payout Condition 3.2.
- "**Global Floor Percentage**" is as defined in Payout Condition 2.12.
- "**Global Margin**" is as defined in Payout Condition 3.2.
- "**Global Security**" is as defined in Security Condition 1.
- "**Government Authority**" is as defined in Security Condition 15.1 and Credit Security Condition 10.
- "**Governmental Authority**" is as defined in Credit Security Condition 11 and Collateral Security Condition, Part C Condition 1 and Part D, Condition 1.
- "**Governmental Intervention**" is as defined in Credit Security Condition 11.
- "**Grace Period**" is as defined in the Collateral Security Conditions, Part A and Part B, Condition 8.6, in Credit Security Condition 11.
- "**Grace Period Business Day**" is as defined in Credit Security Condition 11.
- "**Grace Period Extension Date**" is as defined in Credit Security Condition 11.
- "**Greatest Basket Value**" is as defined in Payout Condition 2.7(b).
- "**Greatest Best Intraday Value**" is as defined in Payout Condition 2.7(b).
- "**Greatest Conditional Value (Basket)**" is as defined in Payout Condition 2.7(b).
- "**Greatest Rainbow Value**" is as defined in Payout Condition 2.7(b).
- "**Greatest Underlying Reference Intraday Value**" is as defined in Payout Condition 2.7(a).
- "**Greatest Underlying Reference Value**" is as defined in Payout Condition 2.7(a).
- "**Greatest Underlying Reference Value (Basket)**" is as defined in Payout Condition 2.7(b).
- "**Greatest Underlying Reference Volatility Hedged Value**" is as defined in Payout Condition 2.7(b).
- "**Greatest Worst Intraday Value**" is as defined in Payout Condition 2.7(b).
- "**Greatest Worst Value**" is as defined in Payout Condition 2.7(b).
- "**GrossDiv Currency**" is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Gross Div<sub>k,t</sub>**" is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.

"**Gross Div<sub>t</sub>**" is as defined in Payout Condition 2.6(q).

"**Gross div<sub>(t)</sub>**" is as defined in Payout Condition 1.3(a)(ii).

"**Gross div<sub>(ti)</sub>**" is as defined in Payout Condition 1.1(s).

"**Gross Rate of Return**" is as defined in Fund Security Condition 7.

"**Guarantee**" is as defined in Security Condition 1 and in Credit Security Condition 11.

"**Guaranteed Cash Settlement Amount**" is as defined in Security Condition 4.

"**Guarantor**" is as defined in Security Condition 1.

"**Haircut**" is as defined in the Collateral Security Conditions, Part A, Part B, Part C, and Part D, Condition 1.

"**H%**" is as defined in Payout Condition 2.6(i).

"**h<sub>2(k,m,s,τ)</sub>**" is as defined in Payout Condition 2.6(s).

"**hc**" is as defined in Payout Condition 1.5.

"**Hedge**" is as defined in Security Condition 15.1.

"**Hedge Disruption Event**" is as defined in Credit Security Condition 11.

"**Hedge Fund**" is as defined in Fund Security Condition 1.

"**Hedge Provider**" is as defined in Commodity Security Condition 8, ETI Security Condition 1, Fund Security Condition 1 and 7 and Actively Managed Security Condition 1.

"**Hedge Transaction**" is as defined in the Collateral Security Conditions, Part A, Condition 1 and in Credit Security Condition 11.

"**Hedging Cost**" is as defined in Payout Condition 1.5.

"**Hedging Date**" is as defined in ETI Security Condition 1, Fund Security Condition 1 and 77.

"**Hedging Disruption**" is as defined in Credit Security Condition 11 and Security Condition 15.1.

"**Hedging Disruption Event**" is as defined in Credit Security Condition 11.

"**Hedging Liquidity Event**" is as defined in Share Security Condition 4.3 and ETI Security Condition 12.3(a).

"**Hedging Party**" is as defined in Security Condition 15.1.

"**Hedging Shares**" is as defined in ETI Security Condition 1 and in Security Condition 15.1.

"**HKSCC**" is as defined in Share Security Condition 4.1.

"**Holder**" is as defined in Security Condition 2.2 and Security Condition 31.

"**Holder Election Notice**" is as defined in Part C and Part D Collateral Security Condition 1.



## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"holder of Certificates"** is as defined in Security Condition 31.

**"Holder of Securities"** is as defined in Security Condition 2.2.

**"Holder Priority of Payments"** is as defined in the Collateral Security Conditions, Part A, Part C and Part D, Condition 1.

**"Holders' Option Period"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Holding Account"** is as defined in Commodity Security Condition 8.

**"Holding of Certificates"** is as defined in Security Condition 34.15.

**"HWM<sub>0</sub>"** is as defined in Payout Condition 2.6(i).

**"HWM<sub>t</sub>"** is as defined in Payout Condition 2.6(i) and Payout Condition 2.6(s).

**"HWM<sub>t-1</sub>"** is as defined in Payout Condition 2.6(i) and Payout Condition 2.6(s).

**"HWM<sub>ti</sub>"** is as defined in Payout Condition 2.6(i).

**"HWM<sub>tR(t)</sub>"** is as defined in Payout Condition 2.6(s).

**"HWM Value"** is as defined in Payout Condition 2.6(h).

**"Hybrid Securities"** is as defined in Security Condition 2.1.

**"Hypothetical Investor"** is as defined in Commodity Security Condition 8, ETI Security Condition 1 and Fund Security Condition 1 and 7.

**"i"** is as defined in Payout Condition 2.12.

**"i"** is as defined in Payout Condition 1.4, Payout Condition 2.6(u), Security Condition 32(d)(iii)(B)III, in Security Condition 32(d)(iii)(C)III(a), in Security Condition 32(d)(iii)(C)III(b), in Security Condition 32(d)(iii)(D)I and Security Condition 32(d)(iii)(E)I, in Security Condition 32(d)(iii)(F)I(a) and in Security Condition 32(d)(iii)(F)I(b).

**"I"** is as defined in Payout Condition 2.4(e) and Payout Condition 2.6(i).

**"I<sub>AER</sub>"** is as defined in Payout Condition 2.3(g).

**"Iberclear"** is as defined in Security Condition 1.

**"Illiquidity"** is as defined in Share Security Condition 4.1 and ETI Security Condition 12.1.

**"Illiquidity Disruption"** is as defined in Currency Security Condition 1.

**"Implicit Portfolio Size"** is as defined in Credit Security Condition 11.

**"Implied Embedded Option Value"** is as defined in ETI Security Condition 1 and Fund Security Condition 1.

**"Implied Embedded Option Value Determination Date"** is as defined in ETI Security Condition 1 and Fund Security Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"impossible"** or **"impossibility"** is as defined in Security Condition 35.1.

**"impractical"** or **"impracticality"** is as defined in Security Condition 35.1.

**"Increased Cost of Collateral Assets"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 7.1(c).

**"Increased Cost of Hedging"** is as defined in Security Condition 15.1 and in Credit Security Condition 11.

**"Increased Cost of Stock Borrow"** is as defined in Security Condition 15.1.

**"Incurred Loss Amount"** is as defined in Credit Security Condition 11.

**"Incurred Recovery Amount"** is as defined in Credit Security Condition 11.

**"Index"** and **"Indices"** is as defined in Index Security Condition 1.

**"Index<sub>t</sub>"** is as defined in Payout Condition 2.6(a).

**"Index<sub>t-1</sub>"** is as defined in Payout Condition 2.6(a).

**"Index Adjustment Event"** is as defined in Index Security Condition 3.2.

**"Index Cancellation"** is as defined in Index Security Condition 3.2 and Inflation Index Security Condition 1.

**"Index Component"** is as defined in Index Security Condition 19, in Index Security Condition 17.2(b)(ii), in Commodity Security Condition 1 and Commodity Security Condition 3(b).

**"Index Component Disruption Event"** is as defined in Commodity Security Condition 1 and in Index Security Condition 19.

**"Index Correction Period"** is as defined in Index Security Condition 1.

**"Index Disruption"** is as defined in Index Security Condition 3.2.

**"Index Modification"** is as defined in Index Security Condition 3.2 and in Inflation Index Security Condition 1.

**"Index OET Certificate"** is as defined in Security Condition 1.

**"Index Securities"** is as defined in Security Condition 2.1.

**"Index Security Conditions"** is as defined in Annex 3, paragraph 1.

**"Index Share"** is as defined in the definition of "Ex-Dividend Date" in OET Certificate Condition 1 and in Payout Conditions 1.5 and 1.8.

**"Index Sponsor"** is as defined in Credit Security Condition 11, in Index Security Condition 1, in Index Security Condition 8 and in Inflation Index Security Condition 1.

**"Industry Replacement"** is as defined in Security Condition 32(d)(iii)(C)IV.

**"Inflation Index"** or **"Inflation Indices"** is as defined in Inflation Index Security Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Inflation Index<sub>(base)</sub>"** is as defined in Payout Condition 3.6.

**"Inflation Index Securities"** is as defined in Security Condition 2.1.

**"Inflation Index Security Conditions"** is as defined in Annex 7, paragraph 1.

**"Inflation Rate"** is as defined in Payout Condition 3.6.

**"Initial ACT Day"** is as defined in Payout Condition 2.6(e) and 2.6(i).

**"Initial Basket ER"** is as defined in Payout Condition 2.6(e).

**"Initial Basket Level"** is as defined in Payout Condition 2.6(e).

**"Initial Calculation Date"** is as defined in ETI Security Condition 1 and Fund Security Condition 1.

**"Initial Collateral Valuation Date"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Initial Collateral Valuation Period"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Initial Interest Bearing Amount"** is as defined in Payout Condition 2.1(m).

**"Initial Interest Pricing Date"** is as defined in Commodity Security Condition 1.

**"Initial Posting Date"** is as defined in the Collateral Security Conditions, Part C and Part D, Condition 1 and in Part B, Condition 9.3.

**"Initial Pricing Date"** is as defined in Commodity Security Condition 1.

**"Initial Protection Period"** is as defined in Payout Condition 2.6(s).

**"Initial RCA Nominal Amount"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Initial Reference Portfolio"** is as defined in Actively Managed Security Condition 1.

**"Initial Settlement Price"** is as defined in Payout Condition 3.6.

**"Initial Stock Loan Rate"** is as defined in Security Condition 15.1.

**"Initial Target Exposure"** is as defined in Security Condition 2.6(s).

**"Initial Underlying Allocation"** is as defined in Payout Condition 2.2(l).

**"Initial Underlying Reference Volatility Hedged Value"** is as defined in Payout Condition 2.6(e).

**"Initial Valuation Date"** is as defined in Payout Condition 1.1(s) and Preference Share Certificate Condition 1.

**"Initial W"** is as defined in Payout Condition 2.6(e).

**"Initial W Target"** is as defined in Payout Condition 2.6(e).

**"Insolvency"** is as defined in Share Security Condition 4.1 and ETI Security Condition 12.1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Insolvency Filing"** is as defined in Security Condition 15.1.

**"Instruction Business Day"** is as defined in Actively Managed Security Condition 1.

**"Instruction Cut-off Time"** is as defined in Actively Managed Security Condition 2.1.

**"Instruction Date"** is as defined in Actively Managed Security Condition 2.1.

**"Insurance Company"** is as defined in Fund Security Condition 7.

**"Interbank Rate 1"** is as defined in OET Certificate Condition 1 and in Payout Condition 1.8.

**"Interbank Rate 1 Screen Page"** is as defined in OET Certificate Condition 1 and in Payout Condition 1.8.

**"Interbank Rate 1 Specified Time"** is as defined in OET Certificate Condition 1 and in Payout Condition 1.8.

**"Interbank Rate 2"** is as defined in OET Certificate Condition 1 and in Payout Condition 1.8.

**"Interbank Rate 2 Screen Page"** is as defined in OET Certificate Condition 1 and in Payout Condition 1.8.

**"Interbank Rate 2 Specified Time"** is as defined in OET Certificate Condition 1 and in Payout Condition 1.8.

**"Interest"** is as defined in Credit Security Condition 11.

**"Interests"** is as defined in ETI Security Condition 1.

**"Interest Amount"** is as defined in Security Conditions 32(b)(iv) or 32(c)(iii).

**"Interest Determination Date"** is as defined in Security Conditions 32(b)(iv) or 32(c)(iii).

**"Interest Margin"** is as defined in Payout Condition 1.5.

**"Interest Period End Date"** is as defined in Security Condition 32(b)(i).

**"Interest Period End Final Date"** is as defined in Security Conditions 32(a) and 32(b)(i).

**"Interest Pricing Date"** is as defined in Commodity Security Condition 1.

**"Interest Shortfall Amount"** is as defined in Credit Security Condition 11.

**"Interest Shortfall Payment Date"** is as defined in Credit Security Condition 11.

**"Intermediary"** is as defined in Security Condition 28 under the definition of Swiss Dematerialised Certificates and Swiss Materialised Certificates.

**"Intervening Period"** is as defined in Security Condition 35.2(a)(iv).

**"Intraday Level"** is as defined in Index Security Condition 1 and in Index Security Condition 8.

**"Intraday Price"** is as defined in Share Security Condition 1, ETI Security Condition 1 and Condition 9 and Commodity Security Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Intragroup Merger"** is as defined in Terms and Conditions of Securities, paragraph 6.

**"Invested Amount<sub>0</sub>"** is as defined in Payout Condition 2.2(l).

**"Invested Amount<sub>y</sub>"** is as defined in Payout Condition 2.2(l).

**"Investment/AUM Level"** is as defined in ETI Security Condition 1.

**"Investment Strategy Guidelines"** is as defined in Actively Managed Security Condition 1.

**"Investor Representation Letter"** is as defined in Security Condition 2.4.

**"ISDA"** is as defined in Credit Security Condition 11, Annex to the Additional Terms and Conditions for Credit Securities - Auction Settlement Terms Annex, Collateral Security Conditions, Part A and Part B, Condition 8.6 and Part C and Part D, Condition 1 and Security Condition 32(d)(iii)(D)II.

**"ISDA Definitions"** is as defined in ETI Security Condition 1, Fund Security Condition 1, Underlying Interest Rate Security Condition 2, Security Condition 32(d)(i), in Security Condition 32(d)(iii)(C)IV and Security Condition 32(d)(iii)(D)II.

**"ISDA Fallback Adjustment"** is as defined in Security Condition 32(d)(iii)(C)IV and Security Condition 32(d)(iii)(D)II.

**"ISDA Fallback Rate"** is as defined in Security Condition 32(d)(iii)(C)IV and Security Condition 32(d)(iii)(D)II.

**"Issuer"** as defined in Terms and Conditions of Securities, paragraph 3, in the Collateral Security Conditions, Part A, Part C and Part D, Condition 1.

**"Italian Dematerialised Certificates"** is as defined in Security Condition 1 and in Security Condition 28.

**"Italian Certificates"** is as defined in Security Condition 1 and in Security Condition 28.

**"Italian Securities Reference Price"** is as defined in Share Security Condition 1.

**"Italian Security Agent"** is as defined in Terms and Conditions of Securities, paragraph 4.

**"Investment Strike Level"** is as defined in Payout Condition 2.2(l).

**"j"** is as defined in Payout Condition 2.12.

**"Joint Relevant Obligation"** is as defined in Credit Security Condition 11.

**"Joint Potential Successor"** is as defined in Credit Security Condition 11.

**"JPY Recommended Rate"** is as defined in Security Condition 32(d)(iii)(F)III.

**"JPY Recommended Rate Fixing Day"** is as defined in Security Condition 32(d)(iii)(F)III.

**"JPY Recommended Rate Index Cessation Effective Date"** is as defined in Security Condition 32(d)(iii)(F)III.

**"JPY Recommended Rate Index Cessation Event"** is as defined in Security Condition 32(d)(iii)(F)III.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**July 2009 Supplement**" is as defined in the Annex to the Additional Terms and Conditions for Credit Securities - Auction Settlement Terms Annex and Credit Security Condition 11.

"**Jurisdiction Event**" is as defined in Security Condition 15.1.

"**K<sub>t</sub>**" is as defined in Payout Condition 2.6(s).

"**KDPW Poland**" is as defined in Security Condition 1.

"**KDPW Poland CCP**" is as defined in Security Condition 1.

"**KDPW Poland Rules**" is as defined in Security Condition 1.

"**KDPW Poland System**" is as defined in Security Condition 1.

"**k**" is as defined in Payout Condition 2.12.

"**k**" is as defined in Actively Managed Security Condition 4.

"**Knock-in Averaging Date**" is as defined in Currency Security Condition 1.

"**Knock-in Determination Day**" is as defined in Security Condition 16.7.

"**Knock-in Determination Period**" is as defined in Security Condition 16.7.

"**Knock-In Event**" is as defined in Security Condition 16.7.

"**Knock-In Level**" is as defined in Security Condition 16.7.

"**Knock-in Observation Date**" is as defined in Currency Security Condition 1.

"**Knock-in Observation Price Source**" is as defined in Security Condition 16.7.

"**Knock-in Period Beginning Date**" is as defined in Security Condition 16.7.

"**Knock-in Period Ending Date**" is as defined in Security Condition 16.7.

"**Knock-in Range Level**" is as defined in Security Condition 16.7.

"**Knock-in Valuation Time**" is as defined in Security Condition 16.7.

"**Knock-in Value**" is as defined in Security Condition 16.7.

"**Knock-out Averaging Date**" is as defined in Currency Security Condition 1.

"**Knock-out Corridor Value 1**" is as defined in Security Condition 16.7.

"**Knock-out Corridor Value 2**" is as defined in Security Condition 16.7.

"**Knock-out Determination Day**" is as defined in Security Condition 16.7.

"**Knock-out Determination Period**" is as defined in Security Condition 16.7.

"**Knock-out Event**" is as defined in Security Condition 16.7.

"**Knock-out High Barrier**" is as defined in Security Condition 16.7.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

- "**Knock-out Level**" is as defined in Security Condition 16.7.
- "**Knock-out Low Barrier**" is as defined in Security Condition 16.7.
- "**Knock-out Observation Date**" is as defined in Currency Security Condition 1.
- "**Knock-out Observation Price Source**" is as defined in Security Condition 16.7.
- "**Knock-out Period Beginning Date**" is as defined in Security Condition 16.7.
- "**Knock-out Period Ending Date**" is as defined in Security Condition 16.7.
- "**Knock-out Range Level**" is as defined in Security Condition 16.7.
- "**Knock-out Valuation Time**" is as defined in Security Condition 16.7.
- "**Knock-out Value**" is as defined in Security Condition 16.7.
- "**L**" is as defined in Payout Condition 1.4 and Payout Condition 1.5.
- "**lag<sub>k</sub>**" is as defined in Payout Condition 2.6(u).
- "**Largest Asset Package**" is as defined in Credit Security Condition 11.
- "**Latest Credit Security Settlement Date**" is as defined in Credit Security Condition 11.
- "**Latest Delivery Date**" is as defined in the Collateral Security Conditions, Part C Condition 1 and Part D, Condition 1.
- "**Latest Level**" is as defined in Inflation Index Security Condition 2(b).
- "**Latest Maturity Restructured Bond**" is as defined in Credit Security Condition 11.
- "**Latest Option Reset Date**" or "**tR(t)**" is as defined in Payout Condition 2.6(s).
- "**Latest Permissible Physical Settlement Date**" is as defined in Credit Security Condition 11.
- "**Legacy Reference Entity**" is as defined in Credit Security Condition 11.
- "**Level**" is as defined in Security Condition 16.7.
- "**Level<sub>0</sub>**" is as defined in Payout Condition 2.6(q).
- "**Level<sub>0</sub><sup>k</sup>**" is as defined in Payout Condition 2.6(k).
- "**Level<sub>k,0</sub>**" is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.
- "**Level<sub>k,t</sub>**" is as defined in Payout Condition 2.6(e), Payout Condition 2.6(o), Payout Condition 2.6(u) and Actively Managed Security Condition 4.
- "**Level<sub>k,t-1</sub>**" is as defined in Payout Condition 2.6(e), Payout Condition 2.6(o) and Payout Condition 2.6(u).
- "**Level<sub>k,t-i</sub>**" is as defined in Payout Condition 2.6(u).
- "**Level<sub>k,t-i+1</sub>**" is as defined in Payout Condition 2.6(u).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

- "**Level<sub>k,IR</sub>**" is as defined in Payout Condition 2.6(o).
- "**Level<sub>k,tv</sub>**" is as defined in Actively Managed Security Condition 4.
- "**Level<sub>k,t-1</sub>**" is as defined in Actively Managed Security Condition 4.
- "**Level<sub>t</sub>**" is as defined in Payout Condition 2.6(q).
- "**Level<sub>t-1</sub>**" is as defined in Payout Condition 2.6(q).
- "**Level<sub>t</sub><sup>k</sup>**" is as defined in Payout Condition 2.6(k).
- "**Level<sub>t-1</sub><sup>k</sup>**" is as defined in Payout Condition 2.6(k).
- "**Leverage Factor**" is as defined in Payout Condition 1.5.
- "**Leverage Fees<sub>t</sub>**" is as defined in Actively Managed Security Condition 4.
- "**Leverage Floating Rate**" is as defined in Payout Condition 2.6(e).
- "**Leverage Floating Rate Option**" is as defined in Payout Condition 2.6(e).
- "**Leverage Floating Rate Option Page**" is as defined in Payout Condition 2.6(e).
- "**Leverage Floating Rate Option Time**" is as defined in Payout Condition 2.6(e).
- "**Leverage Rate<sub>t-1</sub>**" is as defined in Payout Condition 2.6(e).
- "**LF**" is as defined in Actively Managed Security Condition 4.
- "**Limitation Date**" is as defined in Credit Security Condition 11.
- "**Limited Diversification**" is as defined in the Collateral Security Conditions, Part B, Condition 1.
- "**Limit Price Event**" is as defined in the Commodity Security Conditions, Condition 1 and in Index Security Condition 19.
- "**Linear Basket Credit Security**" is as defined in Credit Security Condition 11.
- "**Linked Interest Certificates**" is as defined in Security Condition 32.
- "**Linked Note Collateral**" is as defined in the Annex to the Additional Terms and Conditions for Secured Securities, Condition 3(a).
- "**Linked Premium Amount Certificates**" is as defined in Security Condition 33.2.
- "**Linking Agreement**" is as defined in Commodity Security Condition 8.
- "**Listed**" is as defined in Credit Security Condition 11.
- "**Listing Change**" is as defined in Share Security Condition 4.1 and ETI Security Condition 12.1.
- "**Listing Date**" is as defined in Payout Condition 1.4.
- "**Listing Suspension**" is as defined in Share Security Condition 4.1 and ETI Security Condition 12.1.
- "**Ln**" is as defined in Payout Condition 2.6(i), Payout Condition 2.6(s) and Payout Condition 2.6(u).



## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Loan**" is as defined in Credit Security Condition 11.

"**Loan Collateral**" is as defined in the Annex to the Additional Terms and Conditions for Secured Securities, Condition 3(d).

"**Loan Participation Note Collateral**" is as defined in the Annex to the Additional Terms and Conditions for Secured Securities, Condition 3(c).

"**Local Business Day**" is as defined in OET Certificate Condition 1 and in Payout Condition 1.8.

"**Local Cap**" is as defined in Payout Condition 3.2.

"**Local Cap Percentage**" is as defined in Payout Condition 2.12.

"**Local Currency**" is as defined in Security Condition 15.1.

"**Local Floor**" is as defined in Payout Condition 3.2.

"**Local Floor Percentage**" is as defined in Payout Condition 2.12.

"**Local Time**" is as defined in Security Condition 1.

"**Lockin Date**" or "**ti**" is as defined in Payout Condition 2.6(i).

"**Lockin Factor**" is as defined in Payout Condition 2.6(i).

"**Lock Level [1]/[2]/[3]/[4]**" is as defined in Security Condition 34.13

"**Locked Level**" is as defined in Security Condition 34.13

"**Lock-out Period**" is as defined in Security Condition 32(d)(iii)(B)III.

"**London Business Day**" is as defined in Credit Security Condition 11, Security Condition 32(d)(iii)(B)III and Actively Managed Security Condition 4.

"**Lookback Period**" is as defined in Security Condition 32(d)(iii)(B)III and in Security Condition 32(d)(iii)(C)III(a).

"**Lookback Period**" or "**p**" is as defined in Security Condition 32(d)(iii)(B)III, Security Condition 32(d)(iii)(C)III, Security Condition 32(d)(iii)(D)I, Security Condition 32(d)(iii)(E)I and Security Condition 32(d)(iii)(F)I(a).

"**Lookback Put Price**" is as defined in Payout Condition 2.6(s).

"**Loss Amount**" is as defined in Credit Security Condition 11.

"**Loss of Stock Borrow**" is as defined in Security Condition 15.1 and in ETI Security Condition 1.

"**Loss Percentage**" is as defined in Payout Condition 2.12.

"**Loss Threshold Amount**" is as defined in Credit Security Condition 11.

"**Lower Conditional Value**" is as defined in Payout Condition 2.12.

"**Lower Level**" is as defined in Payout Condition 1.4.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Lowest Basket Value**" is as defined in Payout Condition 2.8(b).

"**Lowest Best Value**" is as defined in Payout Condition 2.8(b).

"**Lowest Greatest Conditional Value (Basket)**" is as defined in Payout Condition 2.8(b).

"**Lowest Greatest Underlying Value (Basket)**" is as defined in Payout Condition 2.8(b).

"**Lowest Rainbow Value**" is as defined in Payout Condition 2.8(b).

"**Lowest Underlying Reference Intraday Value**" is as defined in Payout Condition 2.8(a).

"**Lowest Underlying Reference Value**" is as defined in Payout Condition 2.8(a).

"**Lowest Worst Intraday Value**" is as defined in Payout Condition 2.8(b).

"**Lowest Worst Value**" is as defined in Payout Condition 2.8(b).

"**LP<sub>THEO</sub>**" is as defined in Payout Condition 2.6(s).

"**LPN**" is as defined in Credit Security Condition 11.

"**LPN Issuer**" is as defined in Credit Security Condition 11.

"**LPN Reference Obligation**" is as defined in Credit Security Condition 11.

"**LSTL**" is as defined in Commodity Security Condition 8.

"**m**" is as defined in Payout Condition 2.12.

"**M**" is as defined in Payout Condition 2.12 and Actively Managed Security Condition 4.

"**M<sub>t</sub>**" is as defined in Payout Condition 2.6(s).

"**M<sub>t-1</sub>**" is as defined in Payout Condition 2.6(s).

"**MM<sub>0</sub>**" is as defined in Actively Managed Security Condition 4.

"**MM<sub>t</sub>**" is as defined in Actively Managed Security Condition 4.

"**MM<sub>t-1</sub>**" is as defined in Actively Managed Security Condition 4.

"**Madrid Security Agent**" is as defined in Terms and Conditions of Securities, paragraph 4.

"**Management Fee Rate**" is as defined in Payout Condition 1.3(a)(ii).

"**Management Fee Rate Range**" is as defined in Payout Condition 1.3(a)(ii).

"**Margin Securities**" is as defined in the Collateral Security Conditions, Part C Condition 1 and Part D, Condition 1.

"**Market Disruption Event**" is as defined in Index Security Condition 2, in Share Security Condition 2, ETI Security Condition 2, Security Condition 10, Debt Security Condition 3, Commodity Security Condition 1 and Futures Security Condition 2.

"**Market Value Put Option**" is as defined in the Collateral Security Conditions, Part C Condition 1 and Part D, Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Matching Quotation"** is as defined in the Collateral Security Conditions, Part C Condition 1 and Part D, Condition 1.

**"Master Agreement"** is as defined in the Collateral Security Conditions, Part C, Condition 5.16 and Part D, Condition 5.16.

**"Material Change in Content"** is as defined in Commodity Security Condition 1 and in Index Security Condition 19.

**"Material Change in Formula"** is as defined in Commodity Security Condition 1 and in Index Security Condition 19.

**"Maturity Date"** is as defined in Credit Security Condition 11.

**"Max Exposure"** is as defined in Payout Condition 2.6(e) and 2.6(i).

**"Maturity Extension Notice"** is as defined in Security Condition 34.14.

**"Maturity Extension Notice Period"** is as defined in Security Condition 34.14.

**"Max Value<sub>t</sub>"** is as defined in Payout Condition 2.6(i).

**"Maximum Days of Disruption"** is as defined in Fund Security Condition 1.

**"Maximum Hedging Cost"** is as defined in Payout Condition 1.5.

**"Maximum Hedging Liquidity Level"** is as defined in Share Security Condition 4.3(a) and ETI Security Condition 12.3(a).

**"Maximum Interest Margin"** is as defined in Payout Condition 1.5.

**"Maximum Maturity"** is as defined in Credit Security Condition 11.

**"Maximum Number of Reallocation Instructions"** is as defined in Actively Managed Security Condition 1.

**"Maximum Payout Amount"** is as defined in Payout Condition 1.4.

**"Maximum Stock Loan Rate"** is as defined in ETI Security Condition 1 and in Security Condition 15.1.

**"Merger Date"** is as defined in Terms and Conditions of Securities, paragraph 6.

**"Merger Event"** is as defined in Credit Security Condition 11, Share Security Condition 4.1, ETI Security Condition 1 and Condition 12.1 and Fund Security Condition 1.

**"Merger Event Redemption Date"** is as defined in Credit Security Condition 11.

**"MID"** is as defined in Share Security Condition 4.1.

**"Min Coupon"** is as defined in Payout Condition 2.12.

**"Min Exposure"** is as defined in Payout Condition 2.6(e) and 2.6(i).

**"Min Value<sub>t</sub>"** is as defined in Payout Condition 2.6(i).

**"Minimum Hedging Cost"** is as defined in the Payout Condition 1.5.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Minimum Interest Margin**" is as defined in the Payout Condition 1.5.

"**Minimum Number of Portfolio Components**" is as defined in Actively Managed Security Condition 1.

"**Minimum Number of Quotations**" is as defined in the Collateral Security Conditions, Part C Condition 1 and Part D, Condition 1.

"**Minimum Quotation Amount**" is as defined in Credit Security Condition 11.

"**M(M)R Restructuring**" is as defined in Credit Security Condition 11.

"**Modified Eligible Transferee**" is as defined in Credit Security Condition 11.

"**Modified Postponement**" is as defined in Security Condition 28 under the definition of Averaging Date.

"**Modified Restructuring Maturity Limitation Date**" is as defined in Credit Security Condition 11.

"**Modified Value<sub>(k)</sub>**" is as defined in Payout Condition 2.2(k).

"**Modified Value<sub>(i,k)</sub>**" is as defined in Payout Condition 2.1(i).

"**Monte Titoli**" is as defined in Security Condition 29.

"**Moody's**" is as defined in ETI Security Condition 4.26 and Fund Security Condition 2.39.

"**Movement Option Cut-Off Date**" is as defined in Credit Security Condition 11.

"**MTM Adjustable Assets**" is as defined in the Collateral Security Conditions, Part B, Condition 9.3.

"**MTM Collateralisation Element**" is as defined in the Collateral Security Conditions, Part B, Condition 9.3.

"**MTM Security Enforcement Proceeds**" is as defined in the Collateral Security Conditions, Part B, Condition 9.3.

"**MTM Trigger Redemption Event**" is as defined in the Collateral Security Conditions, Part C Condition 1 and Part D, Condition 1.

"**MTM Trigger Valuation Method**" is as defined in the Collateral Security Conditions, Part C Condition 1 and Part D, Condition 1.

"**MTM Value**" is as defined in the Collateral Security Conditions, Part A, Part B, Part C and Part D, Condition 1.

"**Multi-Exchange Index**" is as defined in Index Security Condition 1 and in Index Security Condition 14.

"**Multiple Holder Obligation**" is as defined in Credit Security Condition 11.

"**Multiple Underlying Interest Rate Gearing**" is as defined in Payout Condition 3.2.

"**Multiple Underlying Interest Rate**" is as defined in Payout Condition 3.6.

"**Multiple Underlying Reference Rate**" is as defined in Payout Condition 3.2.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Multiple Underlying Reference Rate Value**" is as defined in Security Condition 34.9.

"**Multiplier**" or "**y**" is as defined in Payout Condition 2.2(l).

"**Multiplier<sub>t</sub>**" is as defined in Payout Condition 2.6(i).

"**Mutual Fund**" is as defined in Fund Security Condition 1.

"**n**" is as defined in Payout Condition 3.1(d), Payout Condition 1.4, Payout Condition 2.1(d), Payout Condition 2.6(e) and Payout Condition 2.6(u).

"**N**" is as defined in Actively Managed Security Condition 4.

"**n<sub>k,0</sub>**" is as defined in Actively Managed Security Condition 4.

"**n<sub>k,t</sub>**" is as defined in Actively Managed Security Condition 4.

"**n<sub>k,t-1</sub>**" is as defined in Actively Managed Security Condition 4.

"**n<sub>k,t-2</sub>**" is as defined in Actively Managed Security Condition 4.

"**n<sub>t</sub><sup>cash</sup>**" is as defined in Payout Condition 2.6(u).

"**n<sub>t-1</sub><sup>cash</sup>**" is as defined in Payout Condition 2.6(u).

"**n<sub>k,t</sub><sup>target</sup>**" is as defined in Payout Condition 2.6(u).

"**n<sub>k,t-lag<sub>k</sub></sub><sup>target</sup>**" is as defined in Payout Condition 2.6(u).

"**n<sub>k,0</sub><sup>used</sup>**" is as defined in Payout Condition 2.6(u).

"**n<sub>k,t</sub><sup>used</sup>**" is as defined in Payout Condition 2.6(u).

"**n<sub>k,t-1</sub><sup>used</sup>**" is as defined in Payout Condition 2.6(u).

"**nCash<sub>0</sub>**" is as defined in Actively Managed Security Condition 4.

"**nCash<sub>t</sub>**" is as defined in Actively Managed Security Condition 4.

"**nCash<sub>t-1</sub>**" is as defined in Actively Managed Security Condition 4.

"**N**" is as defined in Payout Condition 2.1(e), Payout Condition 3.1(d), Payout Condition 3.2 and Credit Security Condition 11.

"**NA**" is as defined in the Collateral Security Conditions, Part A and Part B, Condition 8.6, in Payout Condition 2.12 and in Payout Condition 3.6.

"**National Administrator**" is as defined in Commodity Security Condition 8.

"**National Currency Unit**" is as defined in Security Condition 17(b).

"**Nationalisation**" is as defined in Share Security Condition 4.1 and ETI Security Condition 12.1.

"**NAV per Fund Share**" is as defined in Fund Security Condition 1.

"**NAV Trigger Event**" is as defined in Fund Security Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"NAV Trigger Percentage" is as defined in Fund Security Condition 1.

"NAV Trigger Period" is as defined in Fund Security Condition 1.

"NDDividends<sub>k,t</sub>" is as defined in Actively Managed Security Condition 4.

"Net\_U<sub>0</sub>" is as defined in Payout Condition 2.6(s).

"Net\_U<sub>t</sub>" is as defined in Payout Condition 2.6(s).

"Net\_U<sub>t-1</sub>" is as defined in Payout Condition 2.6(s).

"Net\_U<sub>tR(t)</sub>" is as defined in Payout Condition 2.6(s).

"NDDividends<sub>k,t</sub>" is as defined in Payout Condition 2.6(o).

"NDDividends<sub>t</sub>" is as defined in Payout Condition 2.6(q).

"Nearby Month" is as defined in Commodity Security Condition 1.

"nEDS" is as defined in Payout Condition 2.2(b)(i)(B), Payout Condition 2.2(c)(viii) and 2.2(e)(i)(C).

"nEnd days" is as defined in Payout Condition 2.12.

"Net Proceeds" is as defined in the Collateral Security Conditions, Part C Condition 1 and Part D, Condition 1.

"New Certificate Ratio" is as defined in Security Condition 34.15.

"New Certificates" is as defined in Security Condition 34.15.

"New Weighting" is as defined in Actively Managed Security Condition 2.3.

"New York Security Agent" is as defined in Terms and Conditions of Securities, paragraph 4.

"Next Currency Fixing Time" is as defined in Credit Security Condition 11.

"nfixed" is as defined in Payout Condition 2.5(a).

"n<sub>i</sub>" is as defined in Security Condition 32(d)(iii)(B)III, in Security Condition 32(d)(iii)(C)III(a), in Security Condition 32(d)(iii)(C)III(b), in Security Condition 32(d)(iii)(D)I, in Security Condition 32(d)(iii)(E)I, in Security Condition 32(d)(iii)(F)I(a) and in Security Condition 32(d)(iii)(F)I(b).

"N<sup>k</sup>" is as defined in Payout Condition 2.6(i).

"N<sub>NRU</sub>" is as defined in Payout Condition 2.6(i).

"NRU<sub>t</sub><sup>k</sup>" is as defined in Payout Condition 2.6(i).

"NRU<sub>t-1</sub><sup>k</sup>" is as defined in Payout Condition 2.6(i).

"n<sub>o</sub>" is as defined in Payout Condition 2.6(m).

"N<sub>o</sub>" is as defined in Payout Condition 2.6(m).

"n<sub>o</sub><sup>\*</sup>" is as defined in Payout Condition 2.6(m).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**N<sub>0</sub>\***" is as defined in Payout Condition 2.6(m).

"**No Auction Announcement Date**" is as defined in Credit Security Condition 11.

"**Nominal Value Collateralisation Element**" is as defined in the Collateral Security Conditions, Part B, Condition 9.3.

"**nominal value**" is as defined in the Collateral Security Conditions, Part A, Part B, Part C and Part D, Condition 1.

"**Non Recovered Loss**" is as defined in the Collateral Security Conditions, Part A and Part B, Condition 8.6.

"**Non-Capped Reference Entity**" is as defined in Credit Security Condition 11.

"**Non-Commencement or Discontinuance of the Exchange-traded Contract**" is as defined in Index Security Condition 9.1.

"**Non-Conforming Reference Obligation**" is as defined in Credit Security Condition 11.

"**Non-Conforming Substitute Reference Obligation**" is as defined in Credit Security Condition 11.

"**Non-Financial Instrument**" is as defined in Credit Security Condition 11.

"**Non-Principal Protected Termination Amount**" is as defined in ETI Security Condition 1 and Fund Security Condition 1.

"**Non-Standard Reference Obligation**" is as defined in Credit Security Condition 11.

"**Non-Transferable Instrument**" is as defined in Credit Security Condition 11.

"**NOPS Amendment Notice**" is as defined in Credit Security Condition 11.

"**NOPS Cut-off Date**" is as defined in Credit Security Condition 11.

"**NOPS Effective Date**" is as defined in Credit Security Condition 11.

"**Norwegian Agency Agreement**" is as defined in the Terms and Conditions of the Securities, paragraph 4 and Security Condition 1.

"**Norwegian Dematerialised Certificates**" is as defined in Security Conditions 1 and 28.

"**Norwegian Dematerialised Securities**" is as defined in Security Condition 1.

"**Norwegian Record Date**" is as defined in Security Conditions 1 and 35.1 and in the Collateral Security Conditions, Part A, Condition 11, Part B, Condition 12, Part C, Conditions 1 and 9 and, Part D, Condition 1.

"**Norwegian Securities Register Act**" is as defined in Security Condition 1.

"**Norwegian Security Agent**" is as defined in the Terms and Conditions of the Securities, paragraph 4 and Security Condition 1.

"**Not Bearer**" is as defined in Credit Security Condition 11.

"**Not Contingent**" is as defined in Credit Security Condition 11.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

- "**Not Domestic Currency**" is as defined in Credit Security Condition 11.
- "**Not Domestic Issuance**" is as defined in Credit Security Condition 11.
- "**Not Domestic Law**" is as defined in Credit Security Condition 11.
- "**Not Sovereign Lender**" is as defined in Credit Security Condition 11.
- "**Not Subordinated**" is as defined in Credit Security Condition 11.
- "**Notice Delivery Date**" is as defined in Credit Security Condition 11.
- "**Notice Delivery Period**" is as defined in Credit Security Condition 11.
- "**Notice of Physical Settlement**" is as defined in Credit Security Condition 11.
- "**Notice of Publicly Available Information**" is as defined in Credit Security Condition 11.
- "**Notice Period**" is as defined in Security Conditions 34.3 and 34.4, in the Collateral Security Conditions Part A, Condition 10.3 and 10.4, Actively Managed Security Condition 7.4 and Actively Managed Security Condition 7.5.
- "**NotionalFee<sub>0</sub>**" is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.
- "**NotionalFee<sub>t</sub>**" is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.
- "**NotionalFee<sub>t-1</sub>**" is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.
- "**Notional Credit Derivative Transaction**" is as defined in Credit Security Condition 11.
- "**Notional Value Repack Securities**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.
- "**NRU**" is as defined in Payout Condition 2.6(i).
- "**NRU<sub>0</sub>**" is as defined in Payout Condition 2.6(i).
- "**NRU Basket**" is as defined in Payout Condition 2.6(i).
- "**NRU<sub>t</sub>**" is as defined in Payout Condition 2.6(i).
- "**NRU<sub>t-1</sub>**" is as defined in Payout Condition 2.6(i).
- "**NS<sub>k</sub><sup>t</sup>**" is as defined in Payout Condition 2.6(e).
- "**nStart days**" is as defined in Payout Condition 2.12.
- "**ntarget<sub>k,0</sub>**" is as defined in Actively Managed Security Condition 4.
- "**ntarget<sub>k,tR</sub>**" is as defined in Actively Managed Security Condition 4.
- "**Nth**" is as defined in Credit Security Condition 11.
- "**Nth-to-Default Credit Security**" is as defined in Credit Security Condition 11.
- "**Number**" is as defined in Payout Condition 2.4(f)(iii).



## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Number (k,i)**" is as defined in Payout Condition 2.4(f);

"**Number of NAV Publication Days**" is as defined in Fund Security Condition 1.

"**Number of Value Publication Days**" is as defined in ETI Security Condition 1.

"**NY Federal Reserve**" is as defined in Security Condition 32(d)(iii)(C)III.

"**NY Federal Reserve's Website**" is as defined in Security Condition 32(d)(iii)(C)III.

"**Obligation**" is as defined in Credit Security Condition 11 and in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Obligation Acceleration**" is as defined in Credit Security Condition 11 and in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Obligation Category**" is as defined in Credit Security Condition 11 and in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Obligation Characteristic**" is as defined in Credit Security Condition 11 and in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Obligation Currency**" is as defined in Credit Security Condition 11 and in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Obligation Default**" is as defined in Credit Security Condition 11.

"**Obligor Early Redemption Event**" is as defined in the Collateral Security Condition, Part C, Condition 1.1 and Part D, Condition 1.1.

"**Observation Date**" is as defined in Index Security Condition 8, 14 and 19, in Security Condition 28, in Currency Security Condition 1 and in Fund Security Condition 1.

"**Observation Lookback Period**" is as defined in Security Condition 32(d)(iii)(B)III and in Security Condition 32(d)(iii)(D)I.

"**Observation Period**" is as defined in Security Condition 1, Security Condition 28, Security Condition 32(d)(iii)(C)III(b) and Index Security Condition 8.

"**Observation Price**" is as defined in OET Certificate Condition 1 and in Payout Conditions 1.5 and 1.8.

"**Observation Price Source**" is as defined in OET Certificate Condition 1 and in Payout Conditions 1.4 and 1.8.

"**Observation Shift Days**" is as defined in Security Condition 32(d)(iii)(C)III(b) and in Security Condition 32(d)(iii)(C)III(c) and Security Condition 32(d)(iii)(F)I(b).

"**Observation Time(s)**" is as defined in OET Certificate Condition 1 and in Payout Condition 1.8.

"**Observation Time Period**" is as defined in Payout Conditions 1.5.

"**OET Certificate**" is as defined in Security Condition 1.

"**OET Certificate Conditions**" is as defined in OET Certificate Conditions, paragraph 1.

"**Officer's Certification**" is as defined in Credit Security Condition 11.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Official Settlement Price"** is as defined in Index Security Condition 9.1.

**"OM<sub>t</sub>"** is as defined in Payout Condition 2.6(s).

**"OM<sub>IR(t)</sub>"** is as defined in Payout Condition 2.6(s).

**"Omission"** is as defined in Security Condition 28 under the definition of Averaging Date.

**"Open End Certificate"** is as defined in Security Condition 28.

**"Operator"** is as defined in Security Condition 2.2.

**"Option"** is as defined in the Collateral Security Conditions, Part A, Condition 1, Part B, Condition 9.3, in Payout Condition 3.3(a), in Payout Condition 2.2(b)(i)(B), in Payout Condition 2.2(c)(viii), in Payout Condition 2.2(e)(i)(C) and in Payout Condition 2.2(e)(ii)(D).

**"Option 2"** is as defined in Payout Condition 2.2(b)(i)(B), in Payout Condition 2.2(c)(viii) and in Payout Condition 2.2(e)(i)(C).

**"Option Down"** is as defined in Payout Conditions 2.2(f)(vi), 2.2(f)(vii) and 2.2(f)(viii).

**"Option Minimum Maturity"** is as defined in Payout Condition 2.6(s).

**"Option Reset Date"** is as defined in Payout Condition 2.6(s).

**"Option Up"** is as defined in Payout Conditions 2.2(f)(vi), 2.2(f)(vii) and 2.2(f)(viii).

**"Option Value Amount"** is as defined in the Collateral Security Conditions, Part A, Condition 1.

**"Optional Additional Disruption Event"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 7.1(d) and in Security Condition 15.1.

**"Optional Redemption Amount"** is as defined in the Collateral Security Conditions, Part A, Condition 10.3. and 10.4, Security Conditions 34.3 and 34.4, Actively Managed Security Condition 7.4 and Actively Managed Security Condition 7.5.

**"Optional Redemption Date"** is as defined in the Collateral Security Conditions, Part A, Condition 10.3 and 10.4.

**"Optional Redemption Valuation Date"** is as defined in Collateral Security Conditions, Part A, Condition 10.3 and 10.4 and Payout Condition 1.3(a)(ii).

**"Options Exchange"** is as defined in Share Security Condition 4.2(d) and ETI Security Condition 6.2(a)(ii) and Condition 12.2(d).

**"Option Max Value"** is as defined in Payout Condition 2.6(c).

**"Option Min Value"** is as defined in Payout Condition 2.6(c).

**"Original Bonds"** is as defined in Credit Security Condition 11.

**"Original Currency"** is as defined in Security Condition 17(a)(ii).

**"Original Loans"** is as defined in Credit Security Condition 11.

**"Original Non-Standard Reference Obligation"** is as defined in Credit Security Condition 11.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Original Reference Floating Rate"** is as defined in Payout Condition 2.6(s), Payout Condition 2.6(u) and Actively Managed Security Condition 4.

**"Other Currency"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Other Early Redemption Event"** is as defined in the Collateral Security Condition, Part C Condition 1.1 and Part D Condition 1.1.

**"Outstanding Amount"** is as defined in Credit Security Condition 11.

**"Outstanding Bonus Coupon Rate"** is as defined in Credit Security Condition 11.

**"Outstanding Notional Amount"** or **"ONA"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 8.6 and in Credit Security Conditions, Part A, Condition 1.

**"Outstanding Principal Balance"** is as defined in Credit Security Condition 11.

**"Over Collateralisation Level"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"p"** is as defined in Security Condition 32(d)(iii)(B)III and in Security Condition 32(d)(iii)(C)III(a).

**"PA"** is as defined in Credit Security Condition 11.

**"Paid Coupon"** is as defined in Payout Condition 3.6.

**"Paid FX Memory Coupons"** is as defined in Payout Condition 3.1(f).

**"Package Observable Bond"** is as defined in Credit Security Condition 11.

**"Par Redemption Period"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Parallel Auction"** is as defined in Credit Security Condition 11.

**"Parallel Auction Cancellation Date"** is as defined in Credit Security Condition 11.

**"Parallel Auction Final Price Determination Date"** is as defined in Credit Security Condition 11.

**"Parallel Auction Settlement Terms"** is as defined in Credit Security Condition 11.

**"Parallel Notice of Physical Settlement Date"** is as defined in Credit Security Condition 11.

**"Paris Business Day"** is as defined in Security Condition 32(f).

**"Parity"** is as defined in OET Certificate Condition 1 and in Payout Conditions 1.4 and 1.8.

**"Partial Cash Settlement Amount"** is as defined in Credit Security Condition 11.

**"Partial Cash Settlement Date"** is as defined in Credit Security Condition 11.

**"Partial Collateralisation Level"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Partial Nominal Amount"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 1.

**"Partial Redemption"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Participating Bidders"** is as defined in the Annex to the Additional Terms and Conditions for Credit Securities - Auction Settlement Terms Annex.

**"Participation Factor"** is as defined in Payout Condition 1.4.

**"Payment"** is as defined in Credit Security Condition 11.

**"Payment Date"** is as defined in the Collateral Security Conditions, Part A, Condition 11, Part B, Condition 12 and in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1 and in Security Condition 35.1.

**"Payment Deferment Event"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Payment Requirement"** is as defined in the Collateral Security Conditions, Part A, Condition 11, Credit Security Condition 11 and Credit Security Conditions, Part A, Condition 1 and in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Payout Conditions"** is as defined in Annex 1, paragraph 1.

**"Payout Currency"** is as defined in Payout Condition 2.12.

**"Payout FX Closing Price Value"** is as defined in Payout Condition 2.12.

**"Payout FX Rate Date"** is as defined in Payout Condition 2.12.

**"Payout FX Rate Strike Date"** is as defined in Payout Condition 2.12.

**"Payout FX Strike Closing Price Value"** is as defined in Payout Condition 2.12.

**"Payout FX Value"** is as defined in Payout Condition 2.12.

**"PerfFee<sub>0</sub>"** is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.

**"PerfFee<sub>1</sub>"** is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.

**"PerfFee<sub>t</sub>"** is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.

**"Performance"** is as defined in Payout Condition 2.6(b).

**"Performance Value"** is as defined in Payout Condition 3.6.

**"Permanent Global Certificate"** is as defined in Security Condition 29.

**"Permissible Deliverable Obligations"** is as defined in Credit Security Condition 11.

**"Permitted Contingency"** is as defined in Credit Security Condition 11.

**"Permitted Currency"** is as defined in Credit Security Condition 11.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Permitted Transfer"** is as defined in Credit Security Condition 11.

**"Pfandbriefe Collateral"** is as defined in the Annex to the Additional Terms and Conditions for Secured Securities, Condition 3(g).

**"PFL"** is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.

**"Physical Delivery Certificates"** is as defined in Security Condition 30.

**"Physical Delivery Exercisable Certificates"** is as defined in Security Condition 34.7(b).

**"Physical Delivery of Collateral"** is as defined in the Collateral Security Conditions, Part A, Part B, Part C and Part D, Condition 1.

**"Physical Delivery Securities"** is as defined in Security Condition 1.

**"Physical Portion Assets"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 1.

**"Physical Portion Percentage"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 1.

**"Physical Settlement Adjustment"** is as defined in Credit Security Condition 11.

**"Physical Settlement Adjustment Rounding Amount"** is as defined in Credit Security Condition 11.

**"Physical Settlement Buy Request"** is as defined in the Annex to the Additional Terms and Conditions for Credit Securities - Auction Settlement Terms Annex.

**"Physical Settlement Date"** is as defined in Credit Security Condition 11.

**"Physical Settlement Matrix"** is as defined in Credit Security Condition 11.

**"Physical Settlement Period"** is as defined in Credit Security Condition 11.

**"Physical Settlement Sell Request"** is as defined in the Annex to the Additional Terms and Conditions for Credit Securities - Auction Settlement Terms Annex.

**"Physically Settled Portion"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 1.

**"Pk"** is as defined in Payout Condition 2.6(e).

**"Placed Secured Securities"** is as defined in the Collateral Security Conditions, Part A, Part B, Part C and Part D, Condition 1.

**"Placed Secured Securities Decrease Date"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Placed Secured Securities Increase Date"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Pledge"** is as defined in the Collateral Security Conditions, Part A, Part B, Condition 1, Part C and Part D, Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Pledge Agreement**" is as defined in the Collateral Security Conditions, Part A and Part B, Condition 3.2 and in Part C and Part D, Condition 1.

"**P<sub>NRU</sub><sup>k</sup>**" is as defined in Payout Condition 2.6(i).

"**Polish Act on Trading in Financial Instruments**" is as defined in Security Condition 1.

"**Polish Dematerialised Certificates**" is as defined in Security Condition 1 and 28.

"**Polish Dematerialised Securities**" is as defined in Security Condition 1.

"**Polish Security Agent**" is as defined in the Terms and Conditions of the Securities, paragraph 4 and Security Condition 1.

"**Pool Aggregate Final Security Value**" is as defined in the Collateral Security Conditions, Part A, and Part B, Part C and Part D, Condition 1.

"**Portfolio Business Day**" is as defined in Actively Managed Security Condition 1.

"**Portfolio Component**" is as defined in Actively Managed Security Condition 1.

"**Post Dismissal Additional Period**" is as defined in Credit Security Condition 11.

"**Post Reverse Split Cash Amount**" is as defined in Security Condition 34.15.

"**Post Reverse Split Certificate Amount**" is as defined in Security Condition 34.15.

"**Postponed Redemption Date**" is as defined in Security Condition 34.14.

"**Postponed Settlement Date**" is as defined in Fund Security Condition 5.

"**Postponement**" is as defined in Security Condition 28 under the definition of Averaging Date.

"**Potential Adjustment Event**" is as defined in Share Security Condition 3 and ETI Security Condition 3 and Condition 11.

"**Potential Adjustment Event Effective Date**" is as defined in Share Security Condition 3 and ETI Security Condition 3 and Condition 11.

"**Potential Cash Settlement Event**" is as defined in Credit Security Condition 11.

"**Potential Failure to Pay**" is as defined in the Collateral Security Conditions, Part A and Part B, Condition 8.6 and Credit Security Condition 11.

"**Potential Repudiation/Moratorium**" is as defined in Credit Security Condition 11.

"**PRC Tax**" is as defined in Security Condition 11.3.

"**PRC Tax Rate**" is as defined in Security Condition 11.3.

"**PRC Tax Authority**" is as defined in Security Condition 11.3.

"**PRDC Performance**" is as defined in Payout Condition 3.1(h).

"**Preference Share Certificate Conditions**" is as defined in Annex 14, paragraph 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Preference Share Issuer"** is as defined in the Annex to the Additional Terms and Conditions for Preference Share Certificates and in Preference Share Certificate Condition 1.

**"Preference Share Redemption Valuation Date"** is as defined in Preference Share Certificate Condition 1.

**"Preference Share Underlying"** is as defined in the Annex to the Additional Terms and Conditions for Preference Share Certificates.

**"Preference Share Value"** is as defined in Preference Share Certificate Condition 1 and in Preference Share Certificate Condition 6.

**"Premium Amount"** is as defined in Security Condition 33.6.

**"Premium Amount Commencement Date"** is as defined in Security Condition 33.6.

**"Premium Amount Payment Date"** is as defined in Security Condition 33.6.

**"Premium Amount Period"** is as defined in Security Condition 33.6.

**"Premium Percentage"** is as defined in Payout Condition 1.4.

**"Price Source"** is as defined in Commodity Security Condition 1 and Currency Security Condition 1 and in Index Security Condition 19.

**"Price Source Disruption"** is as defined in Commodity Security Condition 1 and Currency Security Condition 1 and in Index Security Condition 19.

**"Pricing Date"** is as defined in Commodity Security Condition 1.

**"Principal Protected Termination Amount"** is as defined in ETI Security Condition 1 and Fund Security Condition 1.

**"Principal Security Agent"** is as defined in Terms and Conditions of Securities, paragraph 4.

**"Prior ACT Day"** is as defined in Actively Managed Security Condition 4.

**"Prior Deliverable Obligation"** is as defined in Credit Security Condition 11.

**"Prior Reference Obligation"** is as defined in Credit Security Condition 11.

**"Priority Amounts"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Priority of Payments"** is as defined in the Collateral Security Conditions, Part A, Part B, Part C and Part D, Condition 1.

**"Private Equity Fund"** is as defined in Fund Security Condition 1.

**"Private Placement Definitive Certificates"** is as defined in Security Condition 29.

**"Private Placement Definitive Securities"** is as defined in Security Condition 1.

**"Private Placement Register"** is as defined in Security Condition 2.2.

**"Private-side Loan"** is as defined in Credit Security Condition 11.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Proceedings**" is as defined in Security Condition 14.2.

"**Prohibited Action**" is as defined in Credit Security Condition 11.

"**Proposed Component**" is as defined in Actively Managed Security Condition 2.3.

"**Proposed Reallocation**" is as defined in Actively Managed Security Condition 2.1.

"**Prospectus Regulation**" is as defined in Terms and Conditions of the Securities, paragraph 2.

"**Protected Amount**" is as defined in ETI Security Condition 1 and Condition 9, Fund Security Condition 1 and 7.

"**Protected Index Level**<sub>0</sub>" is as defined in Payout Condition 2.6(s).

"**Protected Index Levels**" is as defined in Payout Condition 2.6(s).

"**Protected Index Level**<sub>t</sub>" is as defined in Payout Condition 2.6(s).

"**Protected Index Level**<sub>t-1</sub>" is as defined in Payout Condition 2.6(s).

"**Protected Index Level**<sub>IR(t)</sub>" is as defined in Payout Condition 2.6(s).

"**Protection Factor**" is as defined in Payout Condition 1.4.

"**Protection Fees**" is as defined in Payout Condition 2.6(i).

"**Protection Level**" is as defined in Payout Condition 1.4 and 2.6(s).

"**Provisional Minimum Rate**" is as defined in Fund Security Condition 7.

"**PRU**<sup>k</sup>" is as defined in Payout Condition 2.6(i).

"**PTF**<sub>0</sub>" is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.

"**PTF**<sub>t</sub>" is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.

"**PTF**<sub>t-1</sub>" is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.

"**PTF**<sub>IR</sub>" is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.

"**PTF**<sub>IV</sub>" is as defined in Actively Managed Security Condition 4.

"**PtfVol**<sub>t</sub>" is as defined in Payout Condition 2.6(u).

"**Public Source**" is as defined in Credit Security Condition 11.

"**Publicly Available Information**" is as defined in Credit Security Condition 11.

"**Purchased Securities**" is as defined in the Collateral Security Conditions, Part C, Condition 5.17 and Part D, Condition 5.17.

"**Put**" is as defined in Payout Condition 2.2(b)(i)(B), in Payout Condition 2.2(c)(viii), in Payout Condition 2.2(e)(i)(C) and in Payout Condition 2.2(e)(ii)(D), in Payout Condition 2.2(f)(vi) and in Payout Condition 2.2(f)(vii).

"**Put Athena up Rate**" is as defined in Payout Condition 2.3(h).



## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Put Calculation Period"** is as defined in Payout Condition 2.3(h).

**"Put Cap Percentage"** is as defined in Payout Condition 2.3(h).

**"Put Constant Percentage"** is as defined in Payout Condition 2.3(h).

**"Put CSN Rate"** is as defined in Payout Condition 2.3(h).

**"Put Exit Rate"** is as defined in Payout Condition 2.3(h).

**"Put Floor Percentage"** is as defined in Payout Condition 2.3(h).

**"Put Gearing"** is as defined in Payout Condition 2.3(h).

**"Put Notice"** is as defined in the Collateral Security Conditions, Part A, Condition 10.4, Part C, Condition 1 and Part D, Condition 1, Security Condition 34.4 and Actively Managed Security Condition 7.5.

**"Put Option Redemption Amount"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Put Optional Redemption Date"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Put Payout"** is as defined in Payout Condition 1.3.

**"Put Rate"** is as defined in Payout Condition 2.3(h).

**"Put Redemption Percentage"** is as defined in Payout Condition 2.3(h).

**"Put Reference Rate"** is as defined in Payout Condition 2.3(h).

**"Put Spread"** is as defined in Payout Condition 2.2(b)(i)(B), in Payout Condition 2.2(c)(viii), in Payout Condition 2.2(e)(i)(C) and in Payout Condition 2.2(e)(ii)(D).

**"Put Spread Percentage"** is as defined in Payout Condition 2.3(h).

**"Put Strike Percentage"** is as defined in Payout Condition 2.3(h).

**"Put Value"** is as defined in Payout Condition 2.3(h).

**"PW"** is as defined in Payout Condition 2.2(h).

**"q"** is as defined in Payout Conditions 2.6(e), 2.6(s) and 2.12.

**"Q"** is as defined in Payout Condition 2.12.

**"QFII"** is as defined in Security Condition 15.1.

**"QIBs"** is as defined in Security Condition 29.

**"Qualifying Affiliate Guarantee"** is as defined in Credit Security Condition 11.

**"Qualifying Guarantee"** is as defined in Credit Security Condition 11.

**"Qualifying Participation Seller"** is as defined in Credit Security Condition 11.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Quantum of the Claim"** is as defined in Credit Security Condition 11.

**"Quotation"** is as defined in Credit Security Condition 11.

**"Quotation Amount"** is as defined in Credit Security Condition 11.

**"Rainbow Value"** is as defined in Payout Condition 2.6(c).

**"Range Accrual"** is defined in Payout Condition 2.2(b)(i)(B), in Payout Condition 2.2(c)(viii) and in Payout Condition 2.2(e)(i)(C).

**"Range Accrual Count"** is defined in Payout Condition 2.2(b)(i)(B), in Payout Condition 2.2(c)(viii) and in Payout Condition 2.2(e)(i)(C).

**"Range Accrual Coupon Barrier Level Down"** is as defined in Payout Condition 3.2.

**"Range Accrual Coupon Barrier Level Up"** is as defined in Payout Condition 3.2.

**"Range Accrual Coupon Condition"** is as defined in Payout Condition 3.2.

**"Range Accrual Day"** is as defined in Payout Condition 3.2.

**"Range Accrual Factor"** is defined in Payout Condition 2.2(b)(i)(B), in Payout Condition 2.2(c)(viii) and in Payout Condition 2.2(e)(i)(C).

**"Range Accrual Level"** is defined in Payout Condition 2.2(b)(i)(B), in Payout Condition 2.2(c)(viii) and in Payout Condition 2.2(e)(i)(C).

**"Range Accrual Observation Period"** is defined in Payout Condition 2.2(b)(i)(B), in Payout Condition 2.2(c)(viii) and in Payout Condition 2.2(e)(i)(C).

**"Range Accrual Valuation Date"** is defined in Payout Condition 2.2(b)(i)(B), in Payout Condition 2.2(c)(viii) and in Payout Condition 2.2(e)(i)(C).

**"Range Cut-off Date"** is as defined in Payout Condition 3.2.

**"Range Period"** is as defined in Payout Condition 3.2.

**"Range Period End Date"** is as defined in Payout Condition 3.2.

**"Ranked Value"** is as defined in Payout Condition 3.6.

**"Ranking"** is as defined in Payout Condition 2.6(c).

**"Rate"** is as defined in Payout Condition 2.5(a) and Payout Condition 3.2.

**"Rate Calculation Date"** is as defined in Payout Condition 2.6(e), 2.6(i) and 2.6(s).

**"Rate Cut-off Time"** is as defined in Security Condition 32(d)(iii)(D)II.

**"Rate Period"** is as defined in Payout Condition 1.5.

**"Rating"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"RBF<sub>k</sub>"** is as defined in Actively Managed Security Condition 4.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**RC**" is as defined in Payout Condition 2.6(s).

"**RCA Call**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**RCA Call Date**" is as defined in Collateral Security Condition, Part C Condition 1.

"**RCA Call Event**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**RCA Change in Law Event**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**RCA Early Call Event**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**RCA Guarantor**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**RCA Interest Amount**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**RCA Interest Deduction Amount**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**RCA Interest Deferral or Reduction Event**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**RCA Interest Rate**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**RCA Issuer**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**RCA Issuer Bankruptcy Event**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**RCA Issuer Bonds**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**RCA Issuer Bond Failure to Pay Event**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**RCA Issuer Bond Restructuring Event**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**RCA Issuer/Parent Bankruptcy Event**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**RCA Issuer/Parent Governmental Intervention Event**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**RCA Issuer/Parent Obligation Acceleration Event**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"RCA Issuer/Parent Payment Default Event"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"RCA Issuer/Parent Repudiation/Moratorium Event"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"RCA Issuer/Parent Restructuring Event"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"RCA Makewhole Event"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"RCA Merger Event"** is as defined in Collateral Security Condition, Part C Condition 1 and Part D, Condition 1.

**"RCA Nominal Amount"** is as defined in Collateral Security Condition, Part C Condition 1 and Part D, Condition 1.

**"RCA Non-Call Event"** is as defined in Collateral Security Condition, Part C Condition 1 and Part D, Condition 1. **"RCA Parent"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"RCA Payment Default Event"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"RCA Principal Deferral or Reduction Event"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"RCA Reference Entity"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"RCA Regulatory Event"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"RCA Repudiation/Moratorium Event"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"RCA Residual Maturity Call Option Event"** is as defined in the Collateral Security Condition, Part C, Condition 1 and Part D, Condition 1.

**"RCA Restructuring Event"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"RCA Tax Event"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"rc<sub>t-1</sub>"** is as defined in Payout Conditions 1.5.

**"Realisation Amount"** is as defined in the Collateral Security Conditions, Part A, Part B, Part C, and Part D, Condition 1.

**"Realisation Proceeds"** is as defined in the Collateral Security Conditions, Part B, Condition 9.3.

**"Realisation Proceeds Share"** is as defined in the Collateral Security Conditions, Part B, Condition 9.3.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Reallocation Date"** is as defined in Actively Managed Security Condition 1.

**"Reallocation Fees"** is as defined in Actively Managed Security Condition 4.

**"Reallocation Instruction"** is as defined in Actively Managed Security Condition 1.

**"Reallocation Instruction Cut-off Time"** is as defined in Actively Managed Security Condition 1.

**"Reallocation Instruction Value Date"** is as defined in Actively Managed Security Condition 4.

**"Rebalancing Day"** is as defined in Payout Condition 2.6(o).

**"Rebased Index"** is as defined in Inflation Index Security Condition 1 and Inflation Index Security Condition 4.5.

**"Received Collateral"** is as defined in Collateral Security Conditions, Part C Condition 1.1 and Part D Condition 1.1.

**"Recommended SARON Adjustment Spread"** is as defined in Security Condition 32(d)(iii)(E)II.

**"Recommended SARON Replacement Rate"** is as defined in Security Condition 32(d)(iii)(E)II.

**"Recommending Body"** is as defined in Security Condition 32(d)(iii)(E)II.

**"Record"** is as defined in Security Condition 2.2.

**"Record Date"** is as defined in the Collateral Security Conditions, Part A, Condition 11, Part C, Condition 1 and Part D, Condition 1 and in Security Condition 35.1.

**"Recovery Amount"** is as defined in Credit Security Condition 11.

**"Recovery Threshold Amount"** is as defined in Credit Security Condition 11.

**"Redeemed Amount"** is as defined in the Collateral Security Conditions, Part C and Part D, Condition 1.

**"Redemption Adjustment"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 8.6.

**"Redemption Date"** is as defined in the Collateral Security Conditions, Part A, Condition 10.1, Part C, Condition 1 and Part D, Condition 1 in Credit Security Condition 11.

**"Redemption Payout"** is as defined in Payout Condition 2.12.

**"Redemption Preliminary Amount"** is as defined in Credit Security Condition 11.

**"Redemption Premium"** is as defined in Payout Condition 1.1(w) and in Payout Condition 1.1(x).

**"Redemption Proceeds"** is as defined in Fund Security Condition 5.

**"Redemption Residual Amount"** is as defined in Credit Security Condition 11.

**"Reference Banks"** is as defined in Security Condition 28.

**"Reference Collateral Asset Issuer"** is as defined in the Collateral Security Conditions, Part B, Condition 9.3.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Reference Collateral Assets"** is as defined in Collateral Security Conditions, Part C and Part D Condition 1 and in Collateral Security Conditions, Part B, Condition 9.3.

**"Reference Collateral Assets Grace Period"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Reference Collateral Assets MTM Event"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Reference Collateral Credit Event"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Reference Collateral Credit Event Notice"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Reference Collateral Currency"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Reference Collateral Currency Equivalent"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Reference Collateral Event Cash Settlement Amount"** is as defined in the Collateral Security Conditions, Part B, Condition 9.3.

**"Reference Day"** is as defined in Security Condition 32(d)(iii)(B)III.

**"Reference Dealers"** is as defined in Commodity Security Condition 1.

**"Reference Delivery Amount"** is as defined in the Collateral Security Conditions, Part B, Condition 9.3.

**"Reference Entities"** is as defined in Credit Security Condition 11.

**"Reference Entity"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 8.6 and in Credit Security Conditions, Credit Security Condition 11.

**"Reference Entity/Holder Merger"** is as defined in Credit Security Condition 11.

**"Reference Entity/Issuer Merger"** is as defined in Credit Security Condition 11.

**"Reference Entity Notional Amount"** is as defined in Credit Security Condition 11.

**"Reference Entity Weighting"** is as defined in Credit Security Condition 11.

**"Reference Floating Rate"** is as defined in Payout Condition 2.6(e), 2.6(i), 2.6(s) and 2.6(u) and Actively Managed Security Condition 4.

**"Reference Floating Rate [1]/[2]"** is as defined in Payout Condition 2.6(m).

**"Reference Floating Rate<sub>o</sub>"** is as defined in Payout Condition 2.6(m).

**"Reference Floating Rate<sub>o</sub>\*"** is as defined in Payout Condition 2.6(m).

**"Reference Floating Rate Option"** is as defined in Payout Conditions 2.6(e), 2.6(i), 2.6(s) and 2.6(u) and Actively Managed Security Condition 4.

**"Reference Floating Rate Option [1]/[2]"** is as defined in Payout Condition 2.6(m).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Reference Floating Rate Option<sub>o</sub>"** is as defined in Payout Condition 2.6(m).

**"Reference Floating Rate Option<sub>o</sub>\*"** is as defined in Payout Condition 2.6(m).

**"Reference Floating Rate Option Page"** is as defined in Payout Conditions 2.6(e), 2.6(i), 2.6(s) and 2.6(u) and Actively Managed Security Condition 4.

**"Reference Floating Rate Option Page [1]/[2]"** is as defined in Payout Condition 2.6(m).

**"Reference Floating Rate Option Page<sub>o</sub>"** is as defined in Payout Condition 2.6(m).

**"Reference Floating Rate Option Page<sub>o</sub>\*"** is as defined in Payout Condition 2.6(m).

**"Reference Floating Rate Option Time"** is as defined in Payout Conditions 2.6(e), 2.6(i), 2.6(s) and 2.6(u) and Actively Managed Security Condition 4.

**"Reference Floating Rate Option Time [1]/[2]"** is as defined in Payout Condition 2.6(m).

**"Reference Floating Rate Option Time<sub>o</sub>"** is as defined in Payout Condition 2.6(m).

**"Reference Floating Rate Option Time<sub>o</sub>\*"** is as defined in Payout Condition 2.6(m).

**"Reference Interest Rate"** is as defined in Payout Condition 1.5.

**"Reference Level"** is as defined in Inflation Index Security Condition 2(b).

**"Reference Month"** is as defined in Inflation Index Security Condition 1.

**"Reference Obligation"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 8.6, Part C, Condition 1.1 and Part D, Condition 1.1, Credit Security Condition 8(a) and in Credit Security Condition 11.

**"Reference Obligation Notional Amount"** or **"RONA"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 8.6.

**"Reference Obligation Only"** is as defined in Credit Security Condition 11.

**"Reference Obligation Only Trade"** is as defined in Credit Security Condition 11.

**"Reference Partial Redemption"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Reference Partial Redemption Amount"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Reference Price"** is as defined in Debt Security Condition 12 and in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Reference Portfolio"** is as defined in Credit Security Condition 11 and Actively Managed Security Condition 1.

**"Reference Rate"** is as defined in Payout Condition 2.6(e) and Actively Managed Security Condition 4.

**"Reference Rate<sub>(t-1)</sub>"** is as defined in Payout Condition 1.3(a)(ii).

**"Reference Rate<sub>t</sub>"** is as defined in Payout Condition 2.6(s).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Reference Rate<sub>t-1</sub>**" is as defined in Payout Condition 2.6(s), Payout Condition 2.6(u) and Actively Managed Security Condition 4.

"**Reference Rate<sub>t-1</sub><sup>k</sup>**" is as defined in Payout Condition 2.6(i).

"**Reference Rate<sub>IR(t)</sub>**" is as defined in Payout Condition 2.6(s).

"**Reference Rate Determination Agent**" is as defined in Security Condition 32(d)(iii)(A)III and Security Condition 34.9(f)(ii).

"**Reference Rate Fallback Event**" is as defined in Security Condition 28.

"**Reference RCA Nominal Amount**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Registered Certificates**" is as defined in Security Condition 29.

"**Registered Global Certificate**" is as defined in Security Condition 29.

"**Registered Global Security**" is as defined in Security Condition 1.

"**Registered Securities**" is as defined in Security Condition 1.

"**Registrar**" is as defined in the Terms and Conditions of Securities, paragraph 4.

"**Registries Regulation**" is as defined in Commodity Security Condition 8.

"**Registry**" is as defined in Commodity Security Condition 8.

"**Regulation S**" is as defined in Security Condition 2.1.

"**Regulation S Global Certificate**" is as defined in Security Condition 29.

"**Regulation S Global Security**" is as defined in Security Condition 1.

"**Related Agreement**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Related Agreement Counterparty**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Related Agreement Counterparty Default**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Related Agreement Termination Event**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Related Bond**" is as defined in Inflation Index Security Condition 1.

"**Related Bond Redemption Event**" is as defined in Inflation Index Security Condition 1.

"**Related Exchange**" is as defined in Share Security Condition 1, ETI Security Condition 1 and Condition 9 and Actively Managed Security Condition 1.

"**Related Expenses**" is as defined in Security Condition 11.2.



## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

- "**RelativePerfo**" is as defined in Actively Managed Security Condition 4.
- "**RelativePerft**" is as defined in Actively Managed Security Condition 4.
- "**RelativePerft-1**" is as defined in Actively Managed Security Condition 4.
- "**RelativePerfu**" is as defined in Actively Managed Security Condition 4.
- "**Relative Performance Basket**" is as defined in Share Security Condition 1.
- "**Relevant €STR<sub>i</sub>**" is as defined in Security Condition 32(d)(iii)(D)I.
- "**Relevant Adjustment Provisions**" is as defined in Security Conditions 16.7 and 34.9(b).
- "**Relevant Annex**" is as defined in Credit Security Condition 11.
- "**Relevant Automatic Early Redemption Valuation Date**" is as defined in OET Certificate Condition 1 and in Security Condition 34.11.
- "**Relevant Basket<sub>(i)</sub>**" is as defined in Payout Condition 2.2(d)(iii).
- "**Relevant Benchmark Currency**" is as defined in Security Condition 32(d)(iii)(D)II.
- "**Relevant Business Day**" is as defined in Security Condition 32(d)(iii)(F)I(b), OET Certificate Condition 1 and in Payout Conditions 1.5 and 1.8.
- "**Relevant City Business Day**" is as defined in Credit Security Condition 11.
- "**Relevant CNY Amount**" is as defined in Security Condition 35.1.
- "**Relevant Currency**" is as defined in Security Condition 5.6(vi).
- "**Relevant Date**" is as defined in Credit Security Condition 11.
- "**Relevant Event**" is as defined in Fund Security Condition 2.28 and ETI Security Condition 4.20.
- "**Relevant Futures Contract**" is as defined in Index Security Condition 9.6, Commodity Security Condition 7, Debt Security Condition 10.
- "**Relevant Governmental Body**" is as defined in Security Condition 32(d)(iii)(C)IV and Security Condition 32(d)(iii)(D)II.
- "**Relevant Governmental Body Replacement**" is as defined in Security Condition 32(d)(iii)(C)IV.
- "**Relevant Governmental Body Replacement**" is as defined in Security Condition 32(d)(iii)(C)IV.
- "**Relevant Guarantee**" is as defined in Credit Security Condition 11.
- "**Relevant Holder**" is as defined in Credit Security Condition 11.
- "**Relevant Level**" is as defined in Inflation Index Security Condition 1.
- "**Relevant Nominating Body**" is as defined in Security Condition 32(d)(iii)(A)III, Security Condition 34.9(f)(ii), Payout Condition 1.5, Payout Condition 1.8, Payout Condition 2.6(e), Payout Condition 2.6(i), Payout Condition 2.6(m), Payout Condition 2.6(s), Payout Condition 2.6(u), Underlying Interest Rate Condition 3(c), OET Certificate Condition 1 and Actively Managed Security Condition 4.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Relevant Obligations"** is as defined in Credit Security Condition 11.

**"Relevant Observation Time Period"** is as defined in Payout Condition 1.5.

**"Relevant Pairing"** is as defined in the Annex to the Additional Terms and Conditions for Credit Securities - Auction Settlement Terms Annex.

**"Relevant Period"** is as defined in Share Security Condition 4.1.

**"Relevant Portfolio Component Adjustment Event"** is as defined in Actively Managed Security Condition 5.1.

**"Relevant Price"** is as defined in Commodity Security Condition 1 and in Index Security Condition 19.

**"Relevant Reference Collateral Assets"** is as defined in the Collateral Security Conditions, Part A, Condition 1.

**"Relevant Registry"** is as defined in Commodity Security Condition 8.

**"Relevant Settlement Amount"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 1.

**"Relevant Settlement Date"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 1.

**"Relevant Tax Event"** is as defined in Security Condition 11.3.

**"Relevant Valuation Date"** is as defined in Credit Security Condition 11.

**"Removed Component"** is as defined in Actively Managed Security Condition 5.1(a)(i), Actively Managed Security Condition 5.2 and Actively Managed Security Condition 7.1.

**"Repayable Assets"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 7.2(d) and Part C, Condition 1 and Part D, Condition 1.

**"Replaced Deliverable Obligation Outstanding Amount"** is as defined in Credit Security Condition 11.

**"Replacement Collateral Assets"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Replacement Cost Amount"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Replacement Deliverable Obligation"** is as defined in Credit Security Condition 11.

**"Replacement Rate Determination Agent"** is as defined in Security Condition 32(d)(iii)(C)IV, Condition 32(d)(iii)(D)II and Security Condition 32(d)(iii)(E)II.

**"Replacement Reference Entity"** is as defined in Credit Security Condition 11.

**"Replacement Reference Rate"** is as defined in Condition 32(d)(iii)(A)III.

**"Replacement Underlying Reference Rate"** is as defined in Underlying Interest Rate Security Condition 32(c).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Replication Fees"** is as defined in Actively Managed Security Condition 4.

**"Repo Contractual Currency"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Repo Counterparty"** is as defined in the Collateral Security Conditions, Part A, Part C, and Part D, Condition 1.

**"Repo Counterparty Priority of Payments"** is as defined in the Collateral Security Conditions, Part A, Part C, and Part D, Condition 1.

**"Repo Transaction"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Representative Amount"** is as defined in Credit Security Condition 11.

**"Repudiation/Moratorium"** is as defined in Credit Security Condition 11.

**"Repudiation/Moratorium Evaluation Date"** is as defined in Credit Security Condition 11.

**"Repurchase Agreement"** is as defined in the Collateral Security Conditions, Part A, Part C and Part D, Condition 1.

**"Repurchase Agreement Termination Payment"** is as defined in the Collateral Security Conditions, Part A, Part C, Condition 1 and Part D, Condition 1.

**"Repurchase Date"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Repurchase Price"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Reset Date"** is as defined in OET Certificate Condition 1, in Underlying Interest Rate Security Condition 2, in Security Condition 32(d)(ii) and in Payout Conditions 1.5 and 1.8.

**"Reset Event"** is as defined in Payout Condition 1.1(ff).

**"Reset Event Determination Time"** is as defined in Payout Condition 1.1(hh).

**"Reset Price"** is as defined in Payout Condition 1.5.

**"Reset Target Exposure"** is as defined in Payout Condition 2.6(s).

**"Reset Threshold"** is as defined in Payout Condition 1.5.

**"Resettable Knock-in Period"** is as defined in Currency Security Condition 1;

**"Resettable Knock-out Period"** is as defined in Currency Security Condition 1;

**"Reset Threshold Percentage"** is as defined in Payout Condition 1.5.

**"Resettable Period"** is as defined in Currency Security Condition 1.

**"Residual Additional Proceeds Amount"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Residual Cash Amount<sub>0</sub>**" is as defined in Payout Condition 2.6(s).

"**Residual Cash Amount<sub>t</sub>**" is as defined in Payout Condition 2.6(s).

"**Residual Cash Amount<sub>t-1</sub>**" is as defined in Payout Condition 2.6(s).

"**Residual Credit Support Proceeds**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Residual Proceeds Amount**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Residual Shortfall**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Resolve**" is as defined in Credit Security Condition 11.

"**Restrike Performance**" is as defined in Payout Condition 2.6(b).

"**Restructured Bond**" or "**Loan**" is as defined in Credit Security Condition 11.

"**Restructuring**" is as defined in the Collateral Security Conditions, Part A, Condition 7.1(e) and in Credit Security Condition 11.

"**Restructuring Date**" is as defined in Credit Security Condition 11.

"**Restructuring Exercise Date**" is as defined in Credit Security Condition 11.

"**Restructuring Maturity Limitation Date**" is as defined in Credit Security Condition 11.

"**Reuters Page USDSOFR**" is as defined in Security Condition 32(d)(iii)(C)III.

"**Reverse Level**" is as defined in Payout Condition 1.4.

"**Reverse Percentage**" is as defined in Payout Condition 1.4.

"**Reverse Split**" is as defined in Security Condition 34.15.

"**Reverse Split Effective Date**" is as defined in Security Condition 34.15.

"**Reverse Split Event**" is as defined in Security Condition 34.15.

"**Reverse Split Level**" is as defined in Security Condition 34.15.

"**Reverse Split Notice**" is as defined in Security Condition 34.15.

"**Reverse Split Notice Period**" is as defined in Security Condition 34.15.

"**Reverse Split Valuation Date**" is as defined in Security Condition 34.15.

"**Reverse Split Valuation Period**" is as defined in Security Condition 34.15.

"**Reverse Split Value**" is as defined in Security Condition 34.15.

"**Revised Currency Rate**" is as defined in Credit Security Condition 11.

"**RF**" is as defined in Payout Condition 2.6(s).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**RF<sub>k</sub>**" is as defined in Actively Managed Security Condition 4.

"**RK<sub>t</sub>**" is as defined in Payout Condition 2.6(s).

"**Risky Fees**" is as defined in Payout Condition 2.6(i).

"**RLBP<sub>t</sub>**" is as defined in Payout Condition 2.6(s).

"**Rolling Futures Contract Securities**" is as defined in Security Condition 1.

"**Rollover Costs<sub>t</sub>**" is as defined in Payout Condition 1.5.

"**Rollover Costs<sub>t-1</sub>**" is as defined in Payout Condition 1.5.

"**Rollover Ratio<sub>0</sub>**" is as defined in Payout Condition 1.3(a)(ii).

"**Rounding Amount**" is as defined in the Collateral Security Conditions, Part A, Part C and Part D, Condition 1.

"**RQFII**" is as defined in Security Condition 15.1.

"**RU<sub>0</sub>**" is as defined in Payout Condition 2.6(i).

"**RU Basket**" is as defined in Payout Condition 2.6(i).

"**Rule 144A**" is as defined in Security Condition 29.

"**Rule 144A Certificates**" is as defined in Security Condition 29.

"**Rule 144A Global Certificate**" is as defined in Security Condition 29.

"**Rule 144A Global Security**" is as defined in Security Condition 1.

"**Rules**" is as defined in the Annex to the Additional Terms and Conditions for Credit Securities - Auction Settlement Terms Annex, in the Collateral Security Conditions, Part A and Part B, Condition 8.6, in Credit Security Condition 11.

"**RU<sub>t</sub>**" is as defined in Payout Condition 2.6(i).

"**RU<sub>t-1</sub>**" is as defined in Payout Condition 2.6(i).

"**RU<sub>t</sub><sup>k</sup>**" is as defined in Payout Condition 2.6(i).

"**RU<sub>t-1</sub><sup>k</sup>**" is as defined in Payout Condition 2.6(i).

"**σ**" is as defined in Payout Condition 2.6(s).

"**S&P**" is as defined in ETI Security Condition 4.26 and Fund Security Condition 2.39.

"**S<sub>k,0</sub>**" is as defined in Actively Managed Security Condition 4.

"**S<sub>k,t</sub>**" is as defined in Actively Managed Security Condition 4.

"**S<sub>k,t-1</sub>**" is as defined in Actively Managed Security Condition 4.

"**S<sub>t</sub>**" is as defined in Payout Condition 2.6(s).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Sanctions**" is as defined in Actively Managed Security Condition 1.

"**Sanctions Authority**" is as defined in Actively Managed Security Condition 1.

"**SARON**" is as defined in Security Condition 32(d)(iii)(E)I.

"**SARON Administrator**" is as defined in Security Condition 32(d)(iii)(E)II.

"**SARON Benchmark**" is as defined in Security Condition 32(d)(iii)(E)II.

"**SARON Index Cessation Effective Date**" is as defined in Security Condition 32(d)(iii)(E)II.

"**SARON Index Cessation Event**" is as defined in Security Condition 32(d)(iii)(E)II.

"**SARON Observation Period**" is as defined in Security Condition 32(d)(iii)(E)I.

"**SARON Reference Time**" is as defined in Security Condition 32(d)(iii)(E)I.

"**SARON Replacement**" is as defined in Security Condition 32(d)(iii)(E)II.

"**SARON Replacement Conforming Changes**" is as defined in Security Condition 32(d)(iii)(E)II.

"**SARON<sub>i</sub>**" is as defined in Security Condition 32(d)(iii)(E)I.

"**SCD**" is as defined in Payout Condition 2.6(s).

"**Scheduled Averaging Date**" is as defined in Security Condition 28.

"**Scheduled Closing Time**" is as defined in Security Condition 1.

"**Scheduled Custom Index Business Day**" is as defined in Index Security Condition 8 and Actively Managed Security Condition 1.

"**Scheduled Custom Index Business Day (All Custom Indices Basis)**" is as defined in Index Security Condition 8.

"**Scheduled Custom Index Business Day (Per Custom Index Basis)**" is as defined in Index Security Condition 8.

"**Scheduled Custom Index Business Day (Single Custom Index Basis)**" is as defined in Index Security Condition 8.

"**Scheduled Final Bond Payment**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Scheduled Final Bond Payment Date**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Scheduled Payment Date**" is as defined in the Collateral Security Conditions, Part A, Condition 11, and in Part C, Condition 1 and Part D, Condition 1 and in Security Condition 35.1.

"**Scheduled Pricing Date**" is as defined in Commodity Security Condition 1 and in Index Security Condition 19.

"**Scheduled RCA Interest Payment Date**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Scheduled Redemption Date"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Scheduled Strike Date"** is as defined in Security Condition 1.

**"Scheduled Termination Date"** is as defined in Credit Security Condition 11.

**"Scheduled Trading Day"** is as defined in Index Security Condition 1, 14 and 19, in Share Security Condition 1, in ETI Security Condition 1 and Condition 9, in Commodity Security Condition 1, in Currency Security Condition 1, in Futures Security Condition 1, in Fund Security Condition 1 and in Debt Security Condition 12.

**"Scheduled Trading Day (All ETI Interest Basis)"** is as defined in ETI Security Condition 1 and Condition 9.

**"Scheduled Trading Day (All Futures Basis)"** is as defined in Futures Security Condition 1.

**"Scheduled Trading Day (All Indices Basis)"** is as defined in Index Security Condition 1.

**"Scheduled Trading Day (All Share Basis)"** is as defined in Share Security Condition 1.

**"Scheduled Trading Day (Per ETI Interest Basis)"** is as defined in ETI Security Condition 1 and Condition 9.

**"Scheduled Trading Day (Per Future Basis)"** is as defined in Futures Security Condition 1.

**"Scheduled Trading Day (Per Index Basis)"** is as defined in Index Security Condition 1.

**"Scheduled Trading Day (Per Share Basis)"** is as defined in Share Security Condition 1.

**"Scheduled Trading Day (Single ETI Interest Basis)"** is as defined in ETI Security Condition 1 and Condition 9.

**"Scheduled Trading Day (Single Future Basis)"** is as defined in Futures Security Condition 1.

**"Scheduled Trading Day (Single Index Basis)"** is as defined in Index Security Condition 1.

**"Scheduled Trading Day (Single Share Basis)"** is as defined in Share Security Condition 1.

**"Scheduled Underlying Reference Linked Payment"** is as defined in the Collateral Security Conditions, Part B Condition 9.3.

**"Scheduled Valuation Date"** is as defined in Security Condition 1.

**"Scheme"** is as defined in Commodity Security Condition 8.

**"Screen Page AER Rate"** is as defined in Security Condition 34.9(f)(i)(B).

**"Screen Page Reference Rate"** is as defined in Condition 32(d)(iii)(A)I.

**"Screen Page Underlying Reference Rate"** is as defined in Underlying Interest Rate Security Condition 3(a).

**"Second Obligation"** is as defined in Credit Security Condition 11.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Secured Parties"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Secured Securities"** is as defined in Security Condition 2.1.

**"Secured Securities MTM Event"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Secured Security Highest Value"** is as defined in Part C and Part D Collateral Security Condition 1.

**"Secured Security Market Value"** is as defined in Part C and Part D Collateral Security Condition 1.

**"Secured Security Monetisation Amount"** is as defined in Part C and Part D Collateral Security Condition 1.

**"Secured Security Monetisation Option"** is as defined in Part C and Part D Collateral Security Condition 1.

**"Securities Act"** is as defined in Security Condition 29.

**"Securities Business Day"** is as defined in Payout Condition 1.5.

**"Securities Collateral Value"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 1 and Part A and Part B, Condition 3.2.

**"Securities Value"** is as defined in Collateral Security Conditions, Part A and Part B, Condition 1.

**"Security Agent"** and **"Security Agents"** is as defined in Terms and Conditions of Securities, paragraph 4.

**"Security Agreement"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Security Delivery Cash Amount"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Security Expenses"** is as defined in Security Condition 11.1.

**"Security Interests"** is as defined in the Collateral Security Conditions, Part A and Part B, Part C and Part D Condition 1.

**"Security MTM Termination Amount"** is as defined in the Collateral Security Conditions, Part B, Condition 1 and 9.

**"Security Percentage"** is as defined in OET Certificate Condition 1 and in Payout Condition 1.8.

**"Security Realised Amount"** is as defined in Collateral Security Conditions, Part A and Part B, Condition 1 and Part A and Part B, Condition 3.5 and Part C and Part D, Condition 1 and 7.4.

**"Security Termination Amount"** is as defined in the Collateral Security Conditions, Part A, Part B, Part C and Part D, Condition 1 and Part B, Condition 9.2.

**"Security Threshold"** is as defined in OET Certificate Condition 1 and in Payout Condition 1.8.

**"Security Threshold Time"** is as defined in Payout Condition 1.8 and OET Certificate 1.



## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

- "Security Trust Deed"** is as defined in Collateral Security Conditions, Part C, Condition 1.
- "Security Trustee"** is as defined in Collateral Security Conditions, Part C, Condition 1.
- "Securities"** is as defined in the Terms and Conditions of the Securities, paragraph 3.
- "SeDeX"** is as defined in Security Condition 28 under the definition of Italian Certificates;
- "SEHK"** is as defined in Share Security Condition 4.1.
- "Senior Obligation"** is as defined in Credit Security Condition 11 and in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.
- "Senior Transaction"** is as defined in Credit Security Condition 11 and in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1 .
- "Seniority Level"** is as defined in Credit Security Condition 11 and in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1 .
- "Series"** is as defined in paragraph 4 of the Terms and Conditions of the Securities.
- "Serenity Value<sub>t</sub>"** is as defined in Payout Condition 2.6(r).
- "Set Date"** is as defined in Actively Managed Security Condition 4.
- "Settled Amount"** is as defined in Share Security Condition 4.2(b) and ETI Security Condition 12.2(b).
- "Settlement Business Day"** is as defined in Security Condition 5.1.
- "Settlement Currency"** is as defined in Credit Security Condition 11, in OET Certificate Condition 1 and in Payout Conditions 1.5 and 1.8.
- "Settlement Cycle"** is as defined in Index Security Condition 1, in Share Security Condition 1, in ETI Security Condition 1 and Condition 9, in Futures Security Condition 1 and in Debt Security Condition 12.
- "Settlement Disruption Event"** is as defined in Commodity Security Condition 8 and Security Condition 5.1.
- "Settlement Method"** is as defined in Credit Security Condition 11.
- "Settlement Price"** is as defined in Index Security Conditions 1, 8 and 9.1, in Share Security Condition 1, in ETI Security Condition 1 and Condition 9, in Debt Security Conditions 1 and 6, in Commodity Security Condition 1, in Inflation Index Security Condition 1, in Fund Security Condition 1, in Futures Security Condition 1 and Currency Security Conditions 1.
- "Settlement Price Date"** is as defined in Index Security Condition 1, in Share Security Condition 1, Currency Security Condition 1, in Fund Security Condition 1 and in ETI Security Condition 9.
- "Settlement Price Final"** is as defined in Payout Condition 1.4.
- "Settlement Valuation Date"** is as defined in Credit Security Condition 11.
- "SF"** is as defined in Payout Condition 2.6(o) and Actively Managed Security Condition 4.
- "SFIA Act"** is as defined in Security Condition 29.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Share"** is as defined in Security Condition 15.2(d), Share Security Condition 19 and Actively Managed Security Condition 1.

**"Shares"** and **"Share"** is as defined in Share Security Condition 1 and Share Security Condition 4.2(e).

**"Share Company"** is as defined in Share Security Condition 1.

**"Share Correction Period"** is as defined in Share Security Condition 1.

**"Share Event"** is as defined in Share Security Condition 10.

**"Share OET Certificate"** is as defined in Security Condition 1.

**"Share Securities"** is as defined in Security Condition 2.1.

**"Share Security Conditions"** is as defined in Annex 3, paragraph 1.

**"Share Universe Criteria"** is as defined in Actively Managed Security Condition 1.

**"Shifted Level"** is as defined in Security Condition 34.13.

**"Shifted Level<sub>(0)</sub>"** is as defined in Security Condition 34.13.

**"Shifted Level<sub>(t-1)</sub>"** is as defined in Security Condition 34.13.

**"Shortfall"** is as defined in the Collateral Security Conditions, Part A, Part B, Part C and Part D, Condition 1 and Part A and Part B, Condition 3.5 and in Part C and Part D, Condition 7.4.

**"SIFMA"** is as defined in Actively Managed Security Condition 4.

**"Significant Alteration Event"** is as defined in Security Condition 15.1

**"Similar RCA Reference Entity"** is as defined in Collateral Security Conditions, Part C Condition 1 and Part D, Condition 1 .

**"Similar Reference Entity"** is as defined in Credit Security Condition 11.

**"Similar Specified Reference Collateral Assets"** is as defined in Collateral Security Conditions, Part C Condition 1 and Part D, Condition 1 .

**"Simple Interest"** is as defined in ETI Security Condition 1 and Fund Security Condition 1.

**"S<sub>k,t</sub>"** is as defined in Payout Condition 2.6(o).

**"S<sub>k,t-1</sub>"** is as defined in Payout Condition 2.6(o).

**"Single AER Transition Level"** is as defined in Payout Condition 2.3(b).

**"Single Coupon Transition Level"** is as defined in Payout Condition 2.1(m).

**"Single Reference Entity Credit Security"** is as defined in Credit Security Condition 11.

**"Single Transition Trigger Level"** is as defined in Payout Condition 2.2(l).

**"SNB Adjustment Spread"** is as defined in Security Condition 32(d)(iii)(E)II.

**"SNB Policy Rate"** is as defined in Security Condition 32(d)(iii)(E)II.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

- "**Snowball Barrier Value**" is as defined in Payout Condition 2.5(a).
- "**Snowball Date**" is as defined in Payout Condition 2.5(a).
- "**Snowball Digital Coupon Condition**" is as defined in Payout Condition 2.5(a).
- "**Snowball Level**" is as defined in Payout Condition 2.5(a).
- "**Solvency Capital Provisions**" is as defined in Credit Security Condition 11.
- "**SOFR Arithmetic Mean**" is as defined in Security Condition 32(d)(iii)(C)III.
- "**SOFR Benchmark**" is as defined in Security Condition 32(d)(iii)(C)IV.
- "**SOFR Cut-Off Date**" is as defined in Security Condition 32(d)(iii)(C)III.
- "**SOFR Index**" is as defined in Security Condition 32(d)(iii)(C)III(c).
- "**SOFR Index<sub>Final</sub>**" is as defined in Security Condition 32(d)(iii)(C)III(c).
- "**SOFR Index<sub>Initial</sub>**" is as defined in Security Condition 32(d)(iii)(C)III(c).
- "**SOFR Replacement Adjustment**" is as defined in Security Condition 32(d)(iii)(C)IV.
- "**SOFR Replacement Alternatives**" is as defined in Security Condition 32(d)(iii)(C)IV.
- "**SOFR Replacement Conforming Changes**" is as defined in Security Condition 32(d)(iii)(C)IV.
- "**SOFR Replacement Date**" is as defined in Security Condition 32(d)(iii)(C)IV.
- "**SOFR Replacement**" is as defined in Security Condition 32(d)(iii)(C)IV.
- "**SOFR Transition Event**" is as defined in Security Condition 32(d)(iii)(C)IV.
- "**SOFR**" is as defined in Security Condition 32(d)(iii)(C)III.
- "**SOFR<sub>i</sub>**" is as defined in Security Condition 32(d)(iii)(C)III(b).
- "**SOFR<sub>i-pUSB</sub>**" is as defined in Security Condition 32(d)(iii)(C)III(a).
- "**SONIA i**" is as defined in Security Condition 32(d)(iii)(B)III.
- "**SONIA Index**" is as defined in Security Condition 32(d)(iii)(B)III.
- "**SONIA Index<sub>Final</sub>**" is as defined in Security Condition 32(d)(iii)(B)III.
- "**SONIA Index<sub>Initial</sub>**" is as defined in Security Condition 32(d)(iii)(B)III.
- "**SONIA<sub>i-pLBD</sub>**" is as defined in Security Condition 32(d)(iii)(B)III.
- "**SONIA Rate**" is as defined in Security Condition 32(d)(iii)(B)III.
- "**Sovereign**" is as defined in Credit Security Condition 11.
- "**Sovereign Agency**" is as defined in Credit Security Condition 11.
- "**Sovereign No Asset Package Delivery Supplement**" is as defined in Credit Security Condition 11.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Sovereign Restructured Deliverable Obligation**" is as defined in Credit Security Condition 11.

"**Sovereign Succession Event**" is as defined in Credit Security Condition 11.

"**Specified Branch**" is as defined in the Terms and Conditions of the Securities, paragraph 3.

"**Specified Currency**" is as defined in Credit Security Condition 11.

"**Specified Maximum Days of Disruption**" is as defined in Security Condition 1, Index Security Condition 8, 14 and 19, ETI Security Condition 1, Commodity Security Condition 1, Currency Security Condition 11.

"**Specified Number**" is as defined in Credit Security Condition 11.

"**Specified Number of Dealers**" is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1 .

"**Specified Obligations**" is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Specified Price**" is as defined in Commodity Security Condition 1.

"**Specified Reference Collateral Assets**" is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Specified Reference Entity**" is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

"**Specified Venue**" is as defined in Payout Condition 1.5.

"**Spread**" is as defined in Payout Condition 2.5(a).

"**Spread<sub>(i)</sub>**" is as defined in Payout Condition 3.2.

"**Sprint Factor**" is as defined in Payout Condition 1.4.

"**SPS ACS Valuation Date**" is as defined in Security Condition 32(i).

"**SPS ACS Valuation Period**" is as defined in Security Condition 32(i).

"**SPS ACS Value**" is as defined in Security Condition 32(i).

"**SPS AER Value**" is as defined in Security Condition 34.9(d).

"**SPS AER Value 1**" is as defined in Security Condition 34.9(d).

"**SPS AER Value 2**" is as defined in Security Condition 34.9(d).

"**SPS APS Valuation Date**" is as defined in Security Condition 34.10.

"**SPS APS Valuation Period**" is as defined in Security Condition 34.10.

"**SPS APS Value**" is as defined in Security Condition 34.10.

"**SPS AR Valuation Date**" is as defined in Security Condition 34.13.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**SPS AR Valuation Period**" is as defined in Security Condition 34.13.

"**SPS AR Value**" is as defined in Security Condition 34.13.

"**SPS Call Valuation Date**" is as defined in Payout Condition 2.3(d).

"**SPS Call Valuation Period**" is as defined in Payout Condition 2.3(d).

"**SPS Coupon Valuation Date**" is as defined in Payout Condition 2.5(a).

"**SPS Coupon Valuation Period**" is as defined in Payout Condition 2.5(a).

"**SPS Date Weighting**" is as defined in Payout Condition 2.12.

"**SPS ER Transition Valuation Date**" is as defined in Payout Condition 2.3(b).

"**SPS ER Transition Valuation Period**" is as defined in Payout Condition 2.3(b).

"**SPS ER Valuation Date**" is as defined in Payout Condition 2.3(b).

"**SPS ER Valuation Period**" is as defined in Payout Condition 2.3(b).

"**SPS FR Barrier Valuation Date**" is as defined in Payout Condition 2.5(b).

"**SPS FR Barrier Valuation Period**" is as defined in Payout Condition 2.5(b).

"**SPS Transition Valuation Date**" is as defined in Payout Condition 2.2(l).

"**SPS Transition Valuation Period**" is as defined in Payout Condition 2.2(l).

"**SPS FR Valuation Date**" is as defined in Payout Condition 2.5(b).

"**SPS FR Valuation Period**" is as defined in Payout Condition 2.5(b).

"**SPS Put Valuation Date**" is as defined in Payout Condition 2.3(f).

"**SPS Put Valuation Period**" is as defined in Payout Condition 2.3(f).

"**SPS Redemption Valuation Date**" is as defined in Payout Condition 2.12.

"**SPS Redemption Valuation Period**" is as defined in Payout Condition 2.12.

"**SPS Valuation Date**" is as defined in Payout Condition 2.12.

"**SPS Valuation Period**" is as defined in Payout Condition 2.12.

"**SRO List**" is as defined in Credit Security Condition 11.

"**S<sub>t-1</sub>**" is as defined in the Payout Condition 2.6(q).

"**Standard Early Redemption Amount**" is as defined in Part C and Part D Collateral Security Condition 1.

"**Standard Early Redemption Event**" is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.1.

"**Standard Reference Obligation**" is as defined in Credit Security Condition 11.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Standard Specified Currencies**" is as defined in Credit Security Condition 11.

"**Stapled Share Constituent**" is as defined in Share Security Condition 1.

"**Stapled Shares**" is as defined in Share Security Condition 1.

"**Stapling**" is as defined in Share Security Condition 4.1.

"**Step**" is as defined in Payout Condition 2.6(i).

"**Steps Plan**" is as defined in Credit Security Condition 11.

"**STIBOR**" is as defined in Security Condition 1.

"**Stockholm Business Day**" is as defined in Actively Managed Security Condition 4.

"**Stop-Loss Event**" is as defined in Security Condition 15.1.

"**Strategy Business Day**" is as defined in Payout Condition 2.6(e), 2.6(i), 2.6(o), 2.6(q), and 2.6(s).

"**Strategy Business Day Centre(s)**" is as defined in Payout Condition 2.6(e), 2.6(i), 2.6(o), 2.6(q) and 2.6(s).

"**Strike Date**" is as defined in Security Condition 1, in Index Security Condition 8, 14 and 19, in Inflation Index Security Condition 1, in Currency Security Condition 1, and in Fund Security Condition 1.

"**Strike Day**" is as defined in Security Condition 1 and in Currency Security Condition 1.

"**Strike Level**" is as defined in Payout Condition 1.4.

"**Strike Percentage**" is as defined in Payout Condition 2.12 and Actively Managed Security Condition 4.

"**Strike Period**" is as defined in Security Condition 1 and in Currency Security Condition 1.

"**Strike Price**" is as defined in Index Security Condition 8 and in Payout Condition 1.4.

"**Strike Rate**" is as defined in Currency Security Condition 11.

"**Subordinated**" is as defined in Credit Security Condition 11.

"**Subordinated Obligation**" is as defined in Credit Security Condition 11.

"**Subordination**" is as defined in Credit Security Condition 11.

"**Subsequent Denomination Matching Failure Event**" is as defined in the Collateral Security Conditions, Part C, Condition 5.18 and Part D, Condition 5.18.

"**Substitute**" is as defined in Security Condition 13.1.

"**Substitute Asset**" and "**Substitute Assets**" is as defined in Security Condition 5.4.

"**Substitute BNPP Guarantee**" is as defined in Security Condition 13.5(b).

"**Substitute BNPP Guarantor**" is as defined in Security Condition 13.5.

"**Substitute Commodity**" is as defined in Commodity Security Condition 3(b).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Substitute Commodity Reference Price"** is as defined in Index Security Condition 17.2(b)(ii).

**"Substitute Date"** is as defined in Credit Security Condition 11, Fund Security Condition 10(c) and in Index Security Condition 17.2(b)(ii).

**"Substitute ETI Interest"** is as defined in ETI Security Condition 6.2(b) and ETI Security Condition 12.2(e).

**"Substitute Euro Fund"** is as defined in Fund Security Condition 10(c).

**"Substitute Exchange-traded Contract"** is as defined in Debt Security Condition 9(b).

**"Substitute Index Component"** is as defined in Commodity Security Condition 3(b) and in Index Security Condition 17.2(b)(ii).

**"Substitute Inflation Index Level"** is as defined in Inflation Index Security Condition 1 and Inflation Index Security Condition 2.

**"Substitute Reference Obligation"** is as defined in Credit Security Condition 11.

**"Substitute Reference Obligation Resolution Request Date"** is as defined in Credit Security Condition 11.

**"Substitute Share"** is as defined in Security Condition 15.2(d) and in Share Security Condition 4.2(e) and Share security Condition 19.

**"Substitution"** is as defined in ETI Security Condition 6.2(b) and Fund Security Condition 4.2(b).

**"Substitution Date"** is as defined in Security Condition 15.2(d) in Share Security Condition 4.2, ETI Security Condition 6.2 and Commodity Security Condition 3(b) and in Credit Security Condition 11.

**"Substitution Event"** is as defined in Credit Security Condition 11.

**"Substitution Event Date"** is as defined in Credit Security Condition 11.

**"sub-unit"** is as defined in Security Condition 32(a).

**"succeed"** is as defined in Credit Security Condition 11.

**"Succession Date"** is as defined in Credit Security Condition 11.

**"Succession Event"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 8.6 and Credit Security Condition 11.

**"Successor"** is as defined in the Collateral Security Conditions, Part A and Part B, Condition 8.6 and in Part C and Part D, Condition 1.1 and Credit Security Condition 11.

**"Successor Backstop Date"** is as defined in Credit Security Condition 11.

**"Successor Commodity Index"** is as defined in Commodity Security Condition 4(a).

**"Successor Custom Index"** is as defined in Index Security Condition 6.1.

**"Successor Index"** is as defined in Security Condition 15.2(c) and in Index Security Condition 3.1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Successor Index Sponsor"** is as defined in Commodity Security Condition 4(a) and in Index Security Condition 3.1.

**"Successor Inflation Index"** is as defined in Inflation Index Security Condition 1 and Inflation Index Security Condition 3.

**"Successor Provisions"** is as defined in Credit Security Condition 11.

**"Successor Resolution Request Date"** is as defined in Credit Security Condition 11.

**"Supranational Organisation"** is as defined in Credit Security Condition 11.

**"Surviving Reference Entity"** is as defined in Credit Security Condition 7 and Condition 11.

**"Suspension Event"** is as defined in Collateral Security Conditions Part C, Condition 1 and, Part D, Condition 1.1.

**"Suspension Period"** is as defined in Collateral Security Conditions Part C, Condition 1 and, Part D, Condition 1.1.

**"Suspension Period Start Date"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Swap Agreement"** is as defined in the Collateral Security Conditions, Part A, Part C and Part D, Condition 1.

**"Swap Agreement Termination Payment"** is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Swap Business Days"** is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

**"Swap Counterparty"** is as defined in the Collateral Security Conditions, Part A, Part C and Part D, Condition 1.

**"Swap Counterparty Priority of Payments"** is as defined in the Collateral Security Conditions, Part A, Part C and Part D, Condition 1.

**"Swap Counterparty Priority of Payments – Subordination Flip"** is as defined in Collateral Security Conditions, Part C, Condition 1 and, Part D Condition 1.

**"Swap Default"** is as is as defined in the Collateral Security Conditions, Part C, Condition 5.16 and Part D, Condition 5.16.

**"Swap MTM Event"** is as defined in Collateral Security Conditions, Part C, Condition 1 and, Part D Condition 1.

**"Swedish Agency Agreement"** defined in the Terms and Conditions of the Securities, paragraph 4.

**"Swedish Dematerialised Certificates"** is as defined in Security Condition 1 and Security Condition 28.

**"Swedish Record Date"** is as defined in Security Condition 1 in the Collateral Security Conditions, Part A and Part B, Condition 1, in Part C, Condition 1, Part D, Condition 1 and in Security Condition 35.1.



## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Swedish Security Agent**" is as defined in the Terms and Conditions of the Securities, paragraph 4.

"**Swiss Dematerialised Certificates**" is as defined in Security Condition 28.

"**Swiss Dematerialised Securities**" is as defined in Security Condition 1.

"**Swiss Materialised Certificates**" is as defined in Security Condition 28.

"**Swiss Materialised Securities**" is as defined in Security Condition 1.

"**Swiss Securities**" is as defined in Security Condition 1.

"**Swiss Security Agent**" is as defined in Security Condition 1.

"**t**" is as defined in Payout Condition 2.6(o).

"**T**" is as defined in Payout Condition 2.12.

"**Talisman Securities**" is as defined in Payout Condition 2.2(d)(iv).

"**Talisman Value<sub>(i)</sub>**" is as defined in Payout Condition 2.2(d)(iv)(A).

"**Talisman Value<sub>(k)</sub>**" is as defined in Payout Condition 2.2(d)(iv)(B).

"**Target Coupon Percentage**" is as defined in Payout Condition 3.2.

"**Target Determination Date**" is as defined in Payout Condition 3.2.

"**Target Exposure<sub>t</sub>**" is as defined in Payout Condition 2.6(s).

"**Target Exposure<sub>IR(t)</sub>**" is as defined in Payout Condition 2.6(s).

"**Target Final Interest Period**" is as defined in Payout Condition 3.2.

"**TARGET Settlement Day**" is as defined in Credit Security Condition 11.

"**TargetVolExposure<sub>t</sub>**" is as defined in Payout Condition 2.6(u).

"**TARGET2 Business Day**" is as defined in Security Condition 32(d)(iii)(D)I and Actively Managed Security Condition 4.

"**TARGET2 Settlement Day**" is as defined in Security Condition 1.

"**Target Volatility**" is as defined in Payout Condition 2.6(e).

"**Target Volatility<sub>t</sub>**" is as defined in Payout Condition 2.6(i).

"**Target Volatility<sub>t</sub><sup>k</sup>**" is as defined in Payout Condition 2.6(i).

"**Tax Disruption**" is as defined in Commodity Security Condition 1 and in Index Security Condition 19.

"**Tax Event**" is as defined in ETI Security Condition 4.18 and Fund Security Condition 2.26.

"**Taxes**" is as defined in Security Condition 11.2.

"**Tax Liability**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Tender Offer"** is as defined in Share Security Condition 4.1, ETI Security Condition 1 and Condition 12.1 and Fund Security Condition 1.

**"Termination"** is as defined in ETI Security Condition 6.2(c) and Fund Security Condition 4.2(c).

**"Termination Agent"** is as defined in the Collateral Security Conditions, Part C, Condition 5.16 and Part D, Condition 5.16.

**"Termination Amount"** is as defined in ETI Security Condition 1 and Fund Security Condition 1.

**"Termination Date"** is as defined in ETI Security Condition 1 and Fund Security Condition 1.

**"Terms and Conditions"** is as defined in the Terms and Conditions of the Securities, paragraph 1.

**"Terms of the Preference Shares"** is as defined in the Annex to the Additional Terms and Conditions for Preference Share Certificates.

**"Third Compliance Period"** is as defined in Commodity Security Condition 8.

**"ti\*"** is as defined in Payout Condition 2.6(i).

**"Tokyo Banking Day"** is as defined in Security Condition 32(d)(iii)(F) and Actively Managed Security Condition 4.

**"Tolerance"** is as defined in Payout Condition 2.6(e) and 2.6(i).

**"TONA"** is as defined in Security Condition 32(d)(iii)(F).

**"TONA<sub>i</sub>"** is as defined in Security Condition 32(d)(iii)(F)I(a) and Security Condition 32(d)(iii)(F)I(b).

**"TONA<sub>i-PTBD</sub>"** is as defined in Security Condition 32(d)(iii)(F)I(a).

**"TONA Index Cessation Effective Date"** is as defined in Security Condition 32(d)(iii)(F)III.

**"TONA Index Cessation Event"** is as defined in Security Condition 32(d)(iii)(F)III.

**"TONA Reference Time"** is as defined in Security Condition 32(d)(iii)(F)III.

**"Total M"** is as defined in Payout Condition 2.12.

**"tR"** is as defined in Actively Managed Security Condition 4.

**"Trade Date"** is as defined in Security Condition 15.1, in Credit Security Condition 11 and ETI Security Condition 1 and Fund Security Condition 1.

**"Trading Disruption"** is as defined in Index Security Condition 1 and in Share Security Condition 1, ETI Security Condition 1 and Condition 9, Commodity Security Condition 1 and Futures Security Condition 1.

**"Traded Price"** is as defined in Index Security Condition 9.6, Commodity Security Condition 7, Debt Security Condition 10.

**"Tranche"** is as defined in the Terms and Conditions of the Securities, paragraph 4.

**"Tranche Size"** is as defined in Credit Security Condition 11.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Transaction Auction Settlement Terms"** is as defined in Credit Security Condition 11.

**"Transaction Type"** is as defined in Credit Security Condition 11 and in Collateral Security Conditions, Part C, Condition 1 and, Part D Condition 1.

**"Transferable"** is as defined in Credit Security Condition 11.

**"Transition Trigger Event"** is as defined in Payout Condition 2.2(l).

**"Transition Trigger Level"** is as defined in Payout Condition 2.2(l).

**"Transition Trigger Rate"** is as defined in Payout Condition 2.2(l).

**"Transition Trigger Value"** is as defined in Payout Condition 2.2(l).

**"Treaty"** is as defined in Security Condition 17(b).

**"Trigger Percentage"** is as defined in Credit Security Condition 11.

**"Triparty Agent"** is as defined in the Collateral Security Conditions, Part A, Condition 1.

**"Triparty Services Agent"** is as defined in Collateral Security Conditions, Part C, Condition 1 and, Part D Condition 1.

**"tV"** is as defined in Actively Managed Security Condition 4.

**"TV"** is as defined in Payout Condition 2.6(u).

**"TWAP End Time"** is as defined in Payout Condition 2.6(a).

**"TWAP Interval"** is as defined in Payout Condition 2.6(a).

**"TWAP Period"** is as defined in Payout Condition 2.6(a).

**"TWAP Start Time"** is as defined in Payout Condition 2.6(a).

**"TWAP Value"** is as defined in Payout Condition 2.6(a).

**"U<sub>t</sub>"** is as defined in Payout Condition 2.6(s).

**"U<sub>t-1</sub>"** is as defined in Payout Condition 2.6(s).

**"U.S. Certificates"** is as defined in Security Condition 29.

**"U.S. Securities"** is as defined in Security Condition 1.

**"Unadjusted Benchmark Replacement"** is as defined in Security Condition 32(d)(iii)(C)IV.

**"Unadjusted Liquidation Proceeds"** is as defined in the Collateral Security Conditions, Part C and Part D, Condition 1.

**"Unadjusted Proceeds"** is as defined in the Collateral Security Conditions, Part C and Part D, Condition 1.

**"Uncertificated Securities Regulations"** is as defined in Security Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

**"Uncollateralised Percentage"** is as defined in Collateral Security Condition, Part C Condition 1 and Part D, Condition 1.

**"Undeliverable Collateral Assets"** is as defined in the Collateral Security Conditions, Part A, Part B, Part C and Part D Condition 1.

**"Undeliverable Obligation"** is as defined in Credit Security Condition 11.

**"Undeliverable Reference Collateral Assets"** is as defined in the Collateral Security Condition, Part A, Condition 9.3.

**"Undeliverable Valuation Date"** is as defined in Credit Security Condition 11.

**"Undelivered Equivalent Securities"** is as defined in the Collateral Security Conditions, Part C, Condition 5.4 and Part D, Condition 5.4.

**"Undelivered Reference Collateral Assets"** is as defined in the Collateral Security Conditions, Part C, Condition 9.3 and, Part D, Condition 1.

**"Underlying Business Day"** is as defined in Payout Condition 1.5.

**"Underlying Finance Instrument"** is as defined in Credit Security Condition 11.

**"Underlying Interest Determination Date"** is as defined in Underlying Interest Rate Security Condition 4.

**"Underlying Interest Rate Security Conditions"** is as defined in Annex 11, paragraph 1.

**"Underlying ISDA Rate"** is as defined in Underlying Interest Rate Security Condition 2.

**"Underlying Loan"** is as defined in Credit Security Condition 11.

**"Underlying Obligation"** is as defined in Credit Security Condition 11 and in Collateral Security Conditions, Part C, Condition 1 and, Part D, Condition 1.

**"Underlying Obligor"** is as defined in Credit Security Condition 11.

**"Underlying Performance"** is as defined in Payout Condition 1.5.

**"Underlying Price<sub>(t)</sub>"** is as defined in Payout Condition 1.5.

**"Underlying Price<sub>(t-1)</sub>"** is as defined in Payout Condition 1.5.

**"Underlying Reference"** is as defined in OET Certificate Condition 1, in Security Conditions 16.7 and 34.9 and in Payout Conditions 1.4, 1.8, 2.12 and 3.6.

**"Underlying Reference 1"** is as defined in Payout Condition 3.6.

**"Underlying Reference 2"** is as defined in Payout Condition 3.6.

**"Underlying Reference Closing Price Value"** is as defined in Payout Condition 2.4(c), Payout Condition 2.6(a) Actively Managed Security Condition 4.

**"Underlying Reference Closing Price Value<sub>(k,i)</sub>"** is as defined in Payout Condition 2.4(f);

**"Underlying Reference Closing Value"** is as defined in Payout Condition 3.6.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Underlying Reference EndDay Closing Price Value**" is as defined in Payout Condition 2.6(b).

"**Underlying Reference FX Hedged Value**" is as defined in Payout Condition 2.6(a).

"**Underlying Reference FX Level**" is as defined in Payout Condition 2.6(a) and Actively Managed Security Condition 4.

"**Underlying Reference FX Strike Level**" is as defined in Payout Condition 2.6(b) and Actively Managed Security Condition 4.

"**Underlying Reference FX (TWAP) Level**" is as defined in Payout Condition 2.6(a).

"**Underlying Reference Initial**" is as defined in Payout Condition 1.4.

"**Underlying Reference Intraday Price Value**" is as defined in Payout Condition 2.6(b).

"**Underlying Reference Intraday Value**" is as defined in Payout Condition 2.6(b).

"**Underlying Reference Level**" is as defined in Payout Condition 1.4 and in Security Condition 34.9(b).

"**Underlying Reference Level 1**" is as defined in Security Condition 34.9.

"**Underlying Reference Level 2**" is as defined in Security Condition 34.9.

"**Underlying Reference Rate Determination Agent**" is as defined in Underlying Interest Rate Security Condition 3(c).

"**Underlying Reference Restrike Value**" is as defined in Payout Condition 2.6(b).

"**Underlying Reference StartDay Closing Price Value**" is as defined in Payout Condition 2.6(b).

"**Underlying Reference Strike Price**" is as defined in Payout Condition 2.6(a) and Actively Managed Security Condition 4.

"**Underlying Reference Strike Price<sub>(k)</sub>**" is as defined in Payout Condition 2.4(d)

"**Underlying Reference TIPP Value**" is as defined in Payout Condition 2.6(f).

"**Underlying Reference TIPP Value<sub>0</sub>**" is as defined in Payout Condition 2.6(i).

"**Underlying Reference TIPP Value<sub>t-1</sub>**" is as defined in Payout Condition 2.6(i).

"**Underlying Reference TOM Restrike Value**" is as defined in Payout Condition 2.6(b).

"**Underlying Reference TOM Value**" is as defined in Payout Condition 2.6(b).

"**Underlying Reference Valuation Date**" is as defined in Payout Condition 2.6(e), 2.6(i), 2.6(k), 2.6(o) and 2.6(u).

"**Underlying Reference Valuation Day**" is as defined in Payout Condition 2.6(s).

"**Underlying Reference Value**" is as defined in Payout Condition 2.6(b).

"**Underlying Reference Volatility Asset Value**" is as defined in Payout Condition 2.6(t).

"**Underlying Reference Volatility Asset Value<sub>0</sub>**" is as defined in Payout Condition 2.6(u).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

- "**Underlying Reference Volatility Asset Value<sub>t-1</sub>**" is as defined in Payout Condition 2.6(u).
- "**Underlying Reference Volatility Hedged Value**" is as defined in Payout Condition 2.6(e).
- "**Underlying Reference Volatility Hedged Value<sub>t-1</sub>**" is as defined in Payout Condition 2.6(e).
- "**Underlying Reference Weighting**" is as defined in Payout Condition 2.12 and Actively Managed Security Condition 4.
- "**Underlying Reference Weighting<sub>(k)</sub>**" is as defined in Payout Condition 2.4(d).
- "**Underlying Share**" is as defined in Security Condition 2.1.
- "**Underlying Shares**" is as defined in Share Security Condition 8.
- "**Union Registry**" is as defined in Commodity Security Condition 8.
- "**Unscheduled Interest Deferral Event**" is as defined in the Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.
- "**Unscheduled Principal Deferral Event**" is as defined in Collateral Security Conditions, Part C, Condition 1 and Part D, Condition 1.
- "**Unsettled Credit Event**" is as defined in Credit Security Condition 11.
- "**Unsettled Retention Amount**" is as defined in Credit Security Condition 11.
- "**Unused Charged Assets Proceeds**" is as defined in the Collateral Security Conditions, Part C, Condition 5.16 and Part D, Condition 5.16.
- "**Unwind Notice**" is as defined in the Collateral Security Conditions, Part A, Condition 8.6.
- "**Unwind Priority of Payments**" is as defined in the Collateral Security Conditions, Part A, Condition 1.
- "**Unwinding Time Period**" is as defined in Payout Condition 1.5.
- "**Up Call**" is as defined in Payout Condition 2.2(f)(vi).
- "**Up Call Spread**" is as defined in Payout Condition 2.2(f)(vi).
- "**Up Cap Percentage**" is as defined in Payout Condition 2.12.
- "**Up Final Redemption Value**" is as defined in Payout Condition 2.12.
- "**Up Floor Percentage**" is as defined in Payout Condition 2.12.
- "**Up Forward**" is as defined in Payout Condition 2.2(f)(vi).
- "**Up Put**" is as defined in Payout Condition 2.2(f)(vi).
- "**Up Put Spread**" is as defined in Payout Condition 2.2(f)(vi).
- "**Up Strike Percentage**" is as defined in Payout Condition 2.12.
- "**Upfront Level**" is as defined in Payout Condition 2.6(s).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Upper Conditional Level**" is as defined in Payout Condition 2.12.

"**Upper Level**" is as defined in Payout Condition 1.4.

"**Upside Participation Factor**" is as defined in Payout Condition 1.4.

"**UR<sub>0</sub>**" is as defined in Payout Condition 2.6(k).

"**UR<sub>t</sub>**" is as defined in Payout Condition 2.6(k).

"**UR<sub>t-1</sub>**" is as defined in Payout Condition 2.6(k).

"**UR<sub>(0)</sub>**" is as defined in Payout Condition 1.3(a)(ii).

"**UR<sub>(t)</sub>**" is as defined in Payout Condition 1.1(s) and Payout Condition 1.3(a)(ii).

"**UR<sub>(t0)</sub>**" is as defined in Payout Condition 1.1(s) and Payout Condition 1.3.

"**UR<sub>(t-1)</sub>**" is as defined in Payout Condition 1.3(a)(ii).

"**UR<sub>(ti-1)</sub>**" is as defined in Payout Condition 1.1(s).

"**U.S. Government Securities Business Day**" is as defined in Security Condition 1, Security Condition 32(d)(iii)(C)III and Actively Managed Security Condition 4.

"**U.S. person**" is as defined in Security Condition 2.1.

"**U<sub>t</sub>**" is as defined in Payout Condition 2.6(s).

"**Unwind Value of the Reference CDS**" is as defined in Credit Security Condition 11.

"**Valid Date**" is as defined in Security Condition 28, in Index Security Condition 8 and in Currency Security Condition 1.

"**Valuation Date**" is as defined in Payout Condition 1.1(s), Payout Condition 1.3, Index Security Condition 8, 15 and 19, Inflation Index Security Condition 1, Currency Security Condition 1, Funds Security Condition 1, Security Condition 28, Credit Security Condition 11, OET Certificate Condition 1 and Actively Managed Security Condition 7.3.

"**Valuation Extension Condition**" is as defined in the Collateral Security Conditions, Part A, and Part B Condition 8.6.

"**Valuation Obligation**" is as defined in Credit Security Condition 11.

"**Valuation Obligations Portfolio**" is as defined in Credit Security Condition 11.

"**Valuation Time**" is as defined in Security Condition 28, in Index Security Condition 8, in Currency Security Condition 1, in ETI Security Condition 1 and in Credit Security Condition 11.

"**Value<sub>a</sub>**" is as defined in Payout Condition 2.6(i).

"**Value Business Day**" is as defined in ETI Security Condition 1.

"**Value per ETI Interest**" is as defined in ETI Security Condition 1.

"**Value per ETI Interest Trading Price Barrier**" is as defined in ETI Security Condition 1.

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**Value per ETI Interest Trading Price Differential**" is as defined in ETI Security Condition 1.

"**Value per ETI Interest Trigger Event**" is as defined in ETI Security Condition 1.

"**Value Trigger Percentage**" is as defined in ETI Security Condition 1.

"**Value Trigger Period**" is as defined in ETI Security Condition 1.

"**Value Weighting**" is as defined in Payout Condition 2.6(c).

"**Vanilla Call Rate**" is as defined in Payout Condition 2.5(a).

"**Vanilla Call Spread Rate**" is as defined in Payout Condition 2.5(a).

"**Vanilla Debt Securities**" is as defined in the Annex to the Additional Terms and Conditions for Secured Securities, Condition 3.

"**Var<sub>1,n,t</sub>**" is as defined in Payout Condition 2.6(u).

"**Var<sub>2,n,t</sub>**" is as defined in Payout Condition 2.6(u).

"**Var<sub>port,n,t</sub>**" is as defined in Payout Condition 2.6(u).

"**Variable Premium Amount Certificates**" is as defined in Security Condition 33.2.

"**Vol20<sub>t</sub>**" is as defined in Payout Condition 2.6(e) and 2.6(i).

"**Vol20<sub>t</sub><sup>k</sup>**" is as defined in Payout Condition 2.6(i).

"**Vol60<sub>t</sub><sup>k</sup>**" is as defined in Payout Condition 2.6(e) and 2.6(i).

"**Vol60<sub>t</sub>**" is as defined in Payout Condition 2.6(i).

"**Voting Shares**" is as defined in Credit Security Condition 11.

"**VP Denmark**" is as defined in Security Condition 1.

"**VP Denmark Register**" is as defined in Security Condition 1.

"**VP Denmark Rules**" is as defined in Security Condition 1.

"**VP Denmark System**" is as defined in Security Condition 1.

"**VPS Norway**" is as defined in Security Condition 1.

"**VPS Norway Register**" is as defined in Security Condition 1.

"**VPS Norway System**" is as defined in Security Condition 1.

"**VPS Norway Rules**" is as defined in Security Condition 1.

"**VRealized<sub>t</sub>**" is as defined in Payout Condition 2.6(i).

"**VRealized<sub>t</sub><sup>k</sup>**" is as defined in Payout Condition 2.6(i).

"**VWAP Specified Time**" is as defined in Payout Condition 2.6(a) and Payout Condition 2.9(a).



## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**VWAP SPS Period Value**" is as defined in Payout Condition 2.9(a).

"**VWAP Source**" is as defined in Payout Condition 2.6(a) and Payout Condition 2.9(a).

"**VWAP Value**" is as defined in Payout Condition 2.6(a).

"**W**" is as defined in Payout Condition 3.2 and Payout Condition 3.6.

"**W<sub>o</sub>**" is as defined in Payout Condition 2.6(i).

"**Weighted Average Basket Value**" is as defined in Payout Condition 2.10(b).

"**Weighted Average Best Value**" is as defined in Payout Condition 2.10(b).

"**Weighted Average Final Price**" is as defined in Credit Security Condition 11.

"**Weighted Average Quotation**" is as defined in Credit Security Condition 11.

"**Weighted Average Rainbow Value**" is as defined in Payout Condition 2.10(b).

"**Weighted Average SONIA**" is as defined in Security Condition 32(d)(iii)(B)III.

"**Weighted Average Underlying Reference Value**" is as defined in Payout Condition 2.10(a).

"**Weighted Average Worst Value**" is as defined in Payout Condition 2.10(b).

"**WHT<sub>t</sub>**" is as defined in Payout Condition 2.6(k).

"**W<sub>k</sub>**" is as defined in Payout Condition 2.6(o).

"**W<sub>k,o</sub>**" is as defined in Actively Managed Security Condition 4.

"**W<sub>k,tR</sub>**" is as defined in Actively Managed Security Condition 4.

"**W<sup>k</sup>**" is as defined in Payout Condition 2.6(k).

"**W<sub>k,t</sub><sup>ref</sup>**" is as defined in Payout Condition 2.6(u).

"**W<sub>k,t</sub><sup>target</sup>**" is as defined in Payout Condition 2.6(u).

"**Worst Conditional Value**" is as defined in Payout Condition 2.6(c).

"**Worst Delta One Div Mono Value**" is as defined in Payout Condition 2.6(c).

"**Worst Intraday Value**" is as defined in Payout Condition 2.6(c).

"**Worst Performing Underlying Reference Closing Price Value<sub>(i)</sub>**" is as defined in Payout Condition 2.4(a).

"**Worst Value**" is as defined in Payout Condition 2.6(c).

"**Writedown Amount**" is as defined in Credit Security Condition 11.

"**W<sub>t</sub>**" is as defined in Payout Condition 2.6(e) and 2.6(i).

"**W<sub>t</sub><sup>Target</sup>**" is as defined in Payout Condition 2.6(e) and 2.6(i).

## INDEX OF DEFINED TERMS IN RESPECT OF THE SECURITIES

"**W<sub>t-1</sub>**" is as defined in Payout Condition 2.6(e) and 2.6(i).

"**W<sub>t-1</sub><sup>Target</sup>**" is as defined in Payout Condition 2.6(e) and 2.6(i).

"**x**" is as defined in Payout Condition 2.6(e) and Payout Condition 2.6(u).

"**y**" is as defined in Payout Condition 2.6(e) and Payout Condition 2.6(u).

"**Y%**" is as defined in Payout Condition 2.6(i).

"**Year**" is as defined in Actively Managed Security Condition 1.

"**YoY Inflation Rate**" is as defined in Payout Condition 3.2.

"**Zero Coupon Bond Collateral**" is as defined in the Annex to the Additional Terms and Conditions for Secured Securities, Condition 3.

"**Zurich Banking Day**" is as defined in Security Condition 32(d)(iii)(E)I.

"**Zurich Business Day**" is as defined in Actively Managed Security Condition 4.

USE OF PROCEEDS

Unless otherwise specified in the applicable Final Terms, the net proceeds from each issue of Securities by BNPP B.V. (other than Notional Value Repack Securities) or BNPP will become part of the general funds of BNPP B.V. or BNPP, as the case may be. Such proceeds may be used to maintain positions in options or futures contracts or other hedging instruments.

The net proceeds from the issue of the Notional Value Repack Securities will be used by BNPP B.V. to enter into and/or make payments under the Swap Agreement or other hedging instruments.

The applicable Final Terms may provide that the relevant Issuer intends to apply the net proceeds from each issue of Securities to Eligible Green Assets, as further defined in the BNP Paribas green bond framework, as may be updated, amended and supplemented from time to time (the "**Green Bond Framework**"), which is available on the following website: <https://invest.bnpparibas/en/document/green-bond-framework-october-2021> (or such other website specified in the applicable Final Terms). For this purpose, the term "**Green Bonds**" means any Securities issued in accordance with the Green Bond Framework.

In relation to Green Bonds, the Green Bond Framework is in line with the Green Bond Principles published by the International Capital Markets Association (as they may be further updated).

The Green Bond Framework, Second Party Opinion and Independent Assurance Review report are available on BNP Paribas' Investors' website: <https://invest.bnpparibas/en/search/debt/documents/documentation-on-programs-and-issues>.

### DESCRIPTION OF BNPP INDICES

In the case of Index Securities linked to a Custom Index, the Securities will be linked to the performance of an index that is composed by BNPP or any other legal entity within the BNPP group (each a "**BNPP Index**" and collectively, the "**BNPP Indices**"). Each BNPP Index is included in one of fifteen index families (each an "**Index Family**"). The objective of each BNPP Index comprised in an Index Family is to provide synthetic exposure to the performance of a notional basket of equities, fund shares, FX rates, bond rates, money market rates, indices (including other proprietary indices), commodities, ETIs or other component types, in accordance with the objective of the relevant BNPP Index, as described in the rules governing such BNPP Index (the "**Index Rules**"). The Index Families are as follows:

1. **Equity Family**
2. **Buy Write Family**
3. **Commodity Family**
4. **Credit Family**
5. **EU Paris Aligned Family**
6. **Fixed Exposure Family**
7. **FX Hedged Family**
8. **Interest Rate Family**
9. **Liberty Family**
10. **Millenium Family**
11. **Mutual Fund Family**
12. **Risk Control Family**
13. **Variance Family**
14. **Volatility Family**
15. **Flex Family**

For the purposes of Regulation (EU) 2016/1011 (the "**EU Benchmarks Regulation**"), as at the date of this Base Prospectus, the administrator of the BNPP Indices, BNP Paribas SA, is included in ESMA's register of administrators pursuant to Article 36 of the EU Benchmarks Regulation. BNPP Indices in each of the Index Families specified above may be specified as an Underlying Reference in the applicable Final Terms.

The methodology (the "**Index Methodology**") and the Index Rules in respect of each BNPP Index specified as an Underlying Reference in the applicable Final Terms will be available via <https://indx.bnpparibas.com/nr/<CinergyCode>.pdf>. The Cinergy Code and the specific website on which the Index Methodology and the Index Rules will be made available in respect of the relevant BNPP Index will be specified in the applicable Final Terms.

## CONNECTED THIRD PARTY INDICES

### CONNECTED THIRD PARTY INDICES

In respect of any Index which is specified in the applicable Final Terms to be a Connected Third Party Index:

- (a) the complete rules governing such Index and information about its performance are freely accessible on the relevant Issuer's or the relevant index provider's website; and
- (b) the governing rules of such Index (including the methodology for the selection and re-balancing of the components of the Index, description of market disruption events and adjustment rules (if any)) are based on pre-determined and objective criteria.

Where:

**"Connected Third Party Index"** means any Index provided by a legal entity or natural person acting in association with, or on behalf of, the Issuer and is specified as such in the applicable Final Terms.

## FORM OF THE BNPP ENGLISH LAW GUARANTEE FOR UNSECURED SECURITIES

### FORM OF THE BNPP ENGLISH LAW GUARANTEE FOR UNSECURED SECURITIES

**THIS GUARANTEE** is made by way of deed on 1 June 2022 by BNP Paribas ("**BNPP**") in favour of the holders for the time being of the Securities (as defined below) (each a "**Holder**").

#### **WHEREAS:**

BNP Paribas Issuance B.V. ("**BNPP B.V.**"), BNPP and BNP Paribas Fortis Funding have established a Note, Warrant and Certificate Programme (the "**Programme**") under which, *inter alia*, BNPP B.V. may from time to time issue, *inter alia*, unsecured warrants and certificates governed by English law (the "**Securities**") of any kind including, but not limited to, warrants and certificates relating to a specified index or a basket of indices, a specified share (or Stapled Shares (as defined in Share Security Condition 1)), preference share, GDR or ADR or a basket of shares (or Stapled Shares), GDRs and/or ADRs, a specified interest in an exchange traded instrument or basket of interests in exchange traded instruments, a specified debt instrument or basket of debt instruments, a specified debt futures or debt options contract or basket of debt futures or debt options contracts, a specified commodity (including an EU Allowance) or commodity index or basket of commodities (including EU Allowances) and/or commodity indices, a specified inflation index or basket of inflation indices, a specified currency or basket of currencies, a specified currency futures contract, a specified fund share or unit or basket of fund shares or units, a euro fund insurance or investment policy or capitalisation contract, a specified underlying interest rate or basket of underlying interest rates, Credit Securities, Open End Certificates, Open End Turbo Certificates or Actively Managed Securities. BNPP intends to guarantee the obligations of BNPP B.V. under the Securities in the manner and to the extent set out herein.

The Securities may be issued pursuant to (a) an Amended and Restated Agency Agreement (the "**Agency Agreement**", which expression includes the same as it may be amended, supplemented or restated from time to time) dated on or around 1 June 2022 between, *inter alia*, BNPP B.V., BNPP, BNP Paribas Securities Services, Luxembourg Branch (which, from and including the Merger Date, will be substituted with BNP Paribas, Succursale de Luxembourg) as agent and BNP Paribas Arbitrage S.N.C. as calculation agent or (b) any other agency or analogous agreement entered into by BNPP and/or BNPP B.V. from time to time.

Terms defined in the Terms and Conditions of the Securities, as amended and/or supplemented by the applicable Final Terms (the "**Conditions**") and not otherwise defined in this Deed of Guarantee shall have the same meanings when used in this Guarantee.

Any reference in this Guarantee to any obligation or sums or amounts payable under or in respect of the Securities by BNPP B.V. shall be construed to refer to (if applicable) in the event of a bail-in of BNPP, such obligations, sums and/or amounts as reduced by reference to, and in the same proportion as, any such reduction or modification applied to liabilities of BNPP following the application of a bail-in of BNPP by any relevant authority (including in a situation where the Guarantee itself is not the subject of such bail-in).

In respect of all Securities issued on or after the date of this Guarantee, this Guarantee replaces the guarantee dated 1 June 2021 granted by the Guarantor in respect of Securities issued under the Programme.

**NOW THIS DEED WITNESSES** as follows:

#### **1. Guarantee**

Subject as provided below, BNPP unconditionally and irrevocably guarantees by way of deed poll to each Holder that, if for any reason BNPP B.V. does not pay any sum payable by it or perform any other obligation in respect of any Security on the date specified for such payment or performance BNPP will, in accordance with the Conditions pay that sum in the currency in which such payment is due in immediately available funds or, as the case may be, perform or procure the performance of the relevant obligation on the due date for such performance. In case of the failure of BNPP B.V. to satisfy such obligations as and when the same become due, BNPP hereby

## **FORM OF THE BNPP ENGLISH LAW GUARANTEE FOR UNSECURED SECURITIES**

undertakes to make or cause to be made such payment or satisfy or cause to be satisfied such obligations as though BNPP were the principal obligor in respect of such obligation after a demand has been made on BNPP pursuant to Clause 11 hereof PROVIDED THAT in the case of Securities other than Credit Securities (A) in the case of Physical Delivery Securities where BNPP B.V. has the obligation, pursuant to the terms and conditions of the relevant Security, to deliver the Entitlement, notwithstanding that BNPP B.V. had the right to vary settlement in respect of such Physical Delivery Securities in accordance with Security Condition 5.3 and exercised such right or failed to exercise such right, BNPP will have the right to elect not to deliver or procure delivery of the Entitlement to the Holders of such Physical Delivery Securities, but in lieu thereof, to make payment in respect of each such Physical Delivery Securities of an amount equal to the Guaranteed Cash Settlement Amount (as defined in the Conditions) and (B) in the case of Securities where the obligations of BNPP B.V. which fall to be satisfied by BNPP constitute the delivery of the Entitlement to the Holders, BNPP will as soon as practicable following BNPP B.V.'s failure to satisfy its obligations under such Securities deliver or procure delivery of such Entitlement using the method of delivery specified in the applicable Final Terms provided that, if in the opinion of BNPP, delivery of the Entitlement using such method is not practicable by reason of (i) a Settlement Disruption Event (as defined in Security Condition 5.1) or (ii) a Failure to Deliver due to Illiquidity (as defined in Security Condition 15.1) (if "Failure to Deliver due to Illiquidity" is specified as applying in the applicable Final Terms), in lieu of such delivery BNPP will make payment in respect of each such Security of, in the case of (i) above, the Guaranteed Cash Settlement Amount or, in the case of (ii) above, the Failure to Deliver Settlement Price (as defined in Security Condition 15.2). Any payment of the Guaranteed Cash Settlement Amount or the Failure to Deliver Settlement Price, as the case may be, in respect of a Security shall constitute a complete discharge of BNPP's obligations in respect of such Security.

### **2. BNPP as Principal Obligor**

As between BNPP and the Holder of each Security but without affecting BNPP B.V.'s obligations, BNPP will be liable under this Guarantee as if it were the sole principal obligor and not merely a surety. Accordingly, it will not be discharged, nor will its liability be affected, by anything which would not discharge it or affect its liability if it were the sole principal obligor (including (1) any time, indulgence, waiver or consent at any time given to BNPP B.V. or any other person, (2) any amendment to any of the Conditions or to any security or other guarantee or indemnity, (3) the making or absence of any demand on BNPP B.V. or any other person for payment or performance of any other obligation in respect of any Security, (4) the enforcement or absence of enforcement of any Security or of any security or other guarantee or indemnity, (5) the taking, existence or release of any such security, guarantee or indemnity, (6) the dissolution, amalgamation, reconstruction or reorganisation of BNPP B.V. or any other person, or (7) the illegality, invalidity or unenforceability of or any defect in any provision of the Conditions, the Agency Agreement or any of BNPP B.V.'s obligations under any of them).

### **3. BNPP's Obligations Continuing**

BNPP's obligations under this Guarantee are and will remain in full force and effect by way of continuing security until no sum remains payable and no other obligation remains to be performed under any Security (in the case where the relevant Security is a Warrant, subject to its exercise). Furthermore, those obligations of BNPP are additional to, and not instead of, any security or other guarantee or indemnity at any time existing in favour of any person, whether from BNPP or otherwise and may be enforced without first having recourse to BNPP B.V., any other person, any security or any other guarantee or indemnity. BNPP irrevocably waives all notices and demands of any kind.

### **4. Status**

This Guarantee is a senior preferred obligation (within the meaning of Article L.613-30-3-I-3° of the French *Code monétaire et financier*) and an unsecured obligation of BNPP and will rank *pari passu* with all its other

## **FORM OF THE BNPP ENGLISH LAW GUARANTEE FOR UNSECURED SECURITIES**

present and future senior preferred and unsecured obligations subject to such exceptions as may from time to time be mandatory under French law.

### **5. Exercise of BNPP's rights**

So long as any sum remains payable under the Securities or this Guarantee, BNPP shall not exercise or enforce any right, by reason of the performance of any of its obligations under this Guarantee, to be indemnified by BNPP B.V. or to take the benefit of or enforce any security or other guarantee or indemnity.

### **6. Discharge by BNPP B.V.**

If any payment received by, or other obligation discharged to or to the order of, the Holder of any Security is, on the subsequent bankruptcy or insolvency of BNPP B.V., avoided under any laws relating to bankruptcy or insolvency, such payment or obligation will not be considered as having discharged or diminished the liability of BNPP and this Guarantee will continue to apply as if such payment or obligation had at all times remained due and owing by BNPP B.V.

### **7. Indemnity**

As a separate and alternative stipulation, BNPP unconditionally and irrevocably agrees (1) that any sum or obligation which, although expressed to be payable or deliverable under the Securities, is for any reason (whether or not now existing and whether or not now known or becoming known to BNPP B.V., BNPP or any Holder) not recoverable from BNPP on the basis of a guarantee will nevertheless be recoverable from it as if it were the sole principal obligor and will be paid or performed by it in favour of the Holder on demand and (2) as a primary obligation to indemnify each Holder against any loss suffered by it as a result of any sum or obligation expressed to be payable or deliverable under the Securities not being paid or performed by the time, on the date and otherwise in the manner specified in the Securities or any obligation of BNPP B.V. under the Securities being or becoming void, voidable or unenforceable for any reason (whether or not now existing and whether or not known or becoming known to BNPP B.V., BNPP or any Holder), in the case of a payment obligation the amount of that loss being the amount expressed to be payable by BNPP B.V. in respect of the relevant sum. The second sentence of Clause 2 of this Guarantee shall apply mutatis mutandis to this Clause 7.

### **8. Resolution proceedings against the Guarantor**

By its acquisition of the Securities, each Holder (which, for the purposes of this Clause 8, includes any current or future holder of a beneficial interest in the Securities) acknowledges, accepts, consents and agrees:

- (a) to be bound by the effect of the exercise of the Bail-in or Loss Absorption Power (as defined below) by the Relevant Resolution Authority (as defined below) if the latter was to consider that the Amounts Due fall within the scope of the Bail-in or Loss Absorption Power. This Bail-in or Loss Absorption Power may include and result in any of the following, or some combination thereof:
  - (i) the reduction of all, or a portion, of the Amounts Due;
  - (ii) the conversion of all, or a portion, of the Amounts Due into shares, other securities or other obligations of the Guarantor or another person (and the issue to the Holder of such shares, securities or obligations), including by means of an amendment, modification or variation of the terms of this Guarantee, in which case the Holder agrees to accept in lieu of its rights under this Guarantee any such shares, other securities or other obligations of the Guarantor or another person;
  - (iii) the cancellation of this Guarantee; and/or



## FORM OF THE BNPP ENGLISH LAW GUARANTEE FOR UNSECURED SECURITIES

- (iv) the amendment or alteration of the term of this Guarantee, including by suspending payment for a temporary period;
- (b) if applicable, that the terms of this Guarantee are subject to, and may be varied, if necessary, to give effect to, the exercise of the Bail-in or Loss Absorption Power by the Relevant Resolution Authority.

For these purposes, the "**Amounts Due**" are (a)(i) (in the case of Securities that are Certificates) the amounts payable on, or the Entitlement deliverable in respect of, each Security that has not been previously redeemed or cancelled or is otherwise no longer due or (ii) (in the case of Securities that are Warrants) the amounts payable on, or the Entitlement deliverable in respect of, each Security on exercise or cancellation or (b) the amounts payable under this Guarantee.

The "**Bail-in or Loss Absorption Power**" is any power existing from time to time under any laws, regulations, rules or requirements in effect in France, relating to the transposition of Directive 2014/59/EU of the European Parliament and of the Council of 15 May 2014 establishing a framework for the recovery and resolution of credit institutions and investment firms (as amended from time to time), including without limitation pursuant to French decree-law No. 2015-1024 dated 20 August 2015 (*Ordonnance portant diverses dispositions d'adaptation de la législation au droit de l'Union européenne en matière financière*) (as amended from time to time) ratified by the Law n°2016-1691 of 9 December 2016 relating to transparency, the fight against corruption and the modernisation of economic life (*Loi no. 2016-1691 du 9 décembre 2016 relative à la transparence, à la lutte contre la corruption et à la modernisation de la vie économique*) (as amended from time to time, this ordinance was ratified by the Law n°2016-1691), Regulation (EU) No 806/2014 of the European Parliament and of the Council of 15 July 2014 establishing uniform rules and a uniform procedure for the resolution of credit institutions and certain investment firms in the framework of a Single Resolution Mechanism and a Single Resolution Fund and amending Regulation (EU) No 1093/2010 (as amended from time to time, including by Regulation (EU) 2019/877 dated 20 May 2019, the "**Single Resolution Mechanism Regulation**"), or otherwise arising under French law, and in each case the instructions, rules and standards created thereunder, pursuant to which the obligations of a Regulated Entity (or an affiliate of such Regulated Entity) can be reduced (in part or in whole), cancelled, suspended, transferred, varied or otherwise modified in any way, or securities of a Regulated Entity (or an affiliate of such Regulated Entity) can be converted into shares, other securities, or other obligations of such Regulated Entity or any other person, whether in connection with the implementation of a bail-in tool following placement in resolution.

A reference to a "**Regulated Entity**" is any entity referred to in Section 1 of Article L.613-34 of the French *Code monétaire et financier*, which includes certain credit institutions, investment firms, and certain of their parent or holding companies established in France.

A reference to the "**Relevant Resolution Authority**" is to the *Autorité de contrôle prudentiel et de résolution*, the Single Resolution Board established pursuant to the Single Resolution Mechanism Regulation, and/or any other authority entitled to exercise or participate in the exercise of any Bail-in or Loss Absorption Power against the Guarantor from time to time (including the Council of the European Union and the European Commission when acting pursuant to Article 18 of the Single Resolution Mechanism Regulation).

The matters set forth in this Clause 8 shall be exhaustive on the foregoing matters to the exclusion of any other agreements, arrangements or understandings between the Guarantor and any holder of Securities.

### 9. Incorporation of Terms

BNPP agrees that it shall comply with and be bound by those provisions contained in the Conditions which relate to it.

## FORM OF THE BNPP ENGLISH LAW GUARANTEE FOR UNSECURED SECURITIES

### 10. Deposit of Guarantee

This Guarantee shall be deposited with and held by BNP Paribas Securities Services, Luxembourg for the benefit of the Holders, provided that, as soon as practicable following the Merger Date, the executed Guarantee will be transferred to BNP Paribas, Succursale de Luxembourg and held on behalf of Holders at its specified office.

### 11. Demand on BNPP

Any demand hereunder shall be given in writing addressed to BNPP served at its office at CIB Legal, 37 Avenue de l'Opéra, 75002 Paris, France. A demand so made shall be deemed to have been duly made two Paris Business Days (as used herein, "**Paris Business Day**" means a day (other than a Saturday or Sunday) on which banks are open for business in Paris) after the day it was served or if it was served on a day that was not a Paris Business Day or after 5.30 p.m. (Paris time) on any day, the demand shall be deemed to be duly made two Paris Business Days after the Paris Business Day immediately following such day.

### 12. Governing law

This Guarantee and any non-contractual obligations arising out of or in connection herewith shall be governed by and construed in accordance with English law.

### 13. Jurisdiction

The courts of England shall have the exclusive jurisdiction to settle any disputes which may, directly or indirectly, arise out of or in connection with this Guarantee including a dispute relating to any non-contractual obligations arising out of or in connection herewith.

### 14. Service of Process

BNPP agrees that service of process in England may be made on it at its London branch. Nothing in this Guarantee shall affect the right to serve process in any other manner permitted by law.

### 15. Contracts (Rights of Third Parties) Act 1999

No rights are conferred on any person under the Contracts (Rights of Third Parties) Act 1999 to enforce any term of this Guarantee, but this does not affect any right or remedy of any person which exists or is available from that Act.

Executed as a Deed

By BNP PARIBAS	)
acting by	)
acting under the authority	)
of that company	)

**IN WITNESS** whereof this Guarantee has been executed and delivered by BNP Paribas as a deed on the date first above-mentioned.

Witness's signature:

Name:

Address:

## FORM OF THE BNPP ENGLISH LAW GUARANTEE FOR SECURED SECURITIES

### FORM OF THE BNPP ENGLISH LAW GUARANTEE FOR SECURED SECURITIES

**THIS GUARANTEE** is made by way of deed on 1 June 2022 by BNP Paribas ("**BNPP**") in favour of the holders for the time being of the Secured Securities (as defined below) (each a "**Holder**").

#### **WHEREAS:**

BNP Paribas Issuance B.V. ("**BNPP B.V.**"), BNPP and BNP Paribas Fortis Funding has established a Note, Warrant and Certificate Programme (the "**Programme**") under which, *inter alia*, BNPP B.V. may from time to time issue, *inter alia*, secured warrants and certificates governed by English law (the "**Secured Securities**") of any kind including, but not limited to, warrants and certificates relating to a specified index or a basket of indices, a specified share (or Stapled Shares (as defined in Share Security Condition 1)), preference share, GDR or ADR or a basket of shares (or Stapled Shares), GDRs and/or ADRs, a specified interest in an exchange traded instrument or basket of interests in exchange traded instruments, a specified debt instrument or basket of debt instruments, a specified debt futures or debt options contract or basket of debt futures or debt options contracts, a specified commodity (including an EU Allowance) or commodity index or basket of commodities (including EU Allowances) and/or commodity indices, a specified inflation index or basket of inflation indices, a specified currency or basket of currencies, a specified currency futures contract, a specified fund share or unit or basket of fund shares or units, a euro fund insurance or investment policy or capitalisation contract, a specified underlying interest rate or basket of underlying interest rates, Credit Securities, Open End Certificates, Open End Turbo Certificates or Actively Managed Securities. In respect of Secured Securities (other than Notional Value Repack Securities), BNPP B.V. will grant a security interest over assets held in accounts with the Custodian in favour of the Collateral Agent on behalf of itself and the relevant Holders. In respect of Secured Securities which are Notional Value Repack Securities, BNPP B.V. will grant a security interest over assets held in accounts with the Custodian in favour of the Security Trustee on behalf of itself and the relevant Secured Parties and will grant a security interest over certain contractual rights in favour of the Security Trustee on behalf of itself and the relevant Secured Parties. BNPP intends to guarantee the obligations of BNPP B.V. under the Secured Securities in the manner and to the extent set out herein.

The Secured Securities may be issued pursuant to (a) an Amended and Restated Agency Agreement (the "**Agency Agreement**", which expression includes the same as it may be amended, supplemented or restated from time to time) dated on or around 1 June 2022 between, *inter alia*, BNPP B.V., BNPP, BNP Paribas Securities Services, Luxembourg Branch (which, from and including the Merger Date (as defined below), will be substituted with BNP Paribas, Succursale de Luxembourg) as agent and BNP Paribas Arbitrage S.N.C. as calculation agent or (b) any other agency or analogous agreement entered into by BNPP and/or BNPP B.V. from time to time.

BNPP and BNP Paribas Securities Services SCA are implementing an intragroup reorganisation pursuant to which BNPP, as the "absorbing entity", will merge with BNP Paribas Securities Services SCA, as the "absorbed entity", pursuant to the simplified merger regime (*fusion simplifiée*), which is governed by Articles L. 236-1 et seq. of the French Commercial Code (*Code de commerce*) (the "**Intragroup Merger**"). The Intragroup Merger will take effect on 1 October 2022 or such other date as shall be notified to the Holders in accordance with Condition 10 (the "**Merger Date**").

Terms defined in the Additional Terms and Conditions for Secured Securities, as amended and/or supplemented by the applicable Final Terms (the "**Conditions**") and not otherwise defined in this Deed of Guarantee for Secured Securities shall have the same meanings when used in this Guarantee.

In respect of all Secured Securities issued on or after the date of this Guarantee, this Guarantee replaces the guarantee dated 1 June 2021 granted by the Guarantor in respect of Secured Securities issued under the Programme.

**NOW THIS DEED WITNESSES** as follows:

## FORM OF THE BNPP ENGLISH LAW GUARANTEE FOR SECURED SECURITIES

### 1. Guarantee

Subject as provided below, BNPP unconditionally and irrevocably guarantees by way of deed poll to each Holder that:

- (a) where the Secured Security is a Security to which either Part A or B of Annex 13 (*Additional Terms and Conditions for Secured Securities*) applies, if following the occurrence of an Enforcement Event and enforcement of the Pledge in respect of the relevant Collateral Pool, for any reason BNPP B.V. does not pay the Security Termination Amount in respect of a Secured Security in full, BNPP will, in accordance with the Conditions, pay an amount equal to the Shortfall in the currency in which such payment is due in immediately available funds. In case of the failure of BNPP B.V. to satisfy such obligation as and when the same becomes due, BNPP hereby undertakes to make or cause to be made such payment as though BNPP were the principal obligor in respect of such obligation after a demand has been made on BNPP pursuant to Clause 11 hereof PROVIDED THAT BNPP shall not be obliged to make any payment under this Guarantee in respect of a Secured Security until the Collateral Assets in the Collateral Pool securing such Secured Security have been realised or liquidated in full in the manner set out in Collateral Security Condition 6.2. Payment of an amount equal to the Shortfall in respect of a Secured Security shall constitute a complete discharge of BNPP's obligations in respect of such Secured Security.
- (b) where the Secured Security is a Notional Value Repack Security, if following the occurrence of an Enforcement Event and enforcement of the Security Agreements in respect of the relevant Collateral Pool and series of Secured Securities, for any reason BNPP B.V. does not pay the Security Termination Amount and, or is not deemed to have paid the Calculated Security Termination Amount (where Physical Delivery of Collateral is applicable) in respect of a Secured Security in full, BNPP will, in accordance with the Conditions, pay an amount equal to the Shortfall in the currency in which such payment is due in immediately available funds. In case of the failure of BNPP B.V. to satisfy such obligation as and when the same becomes due, BNPP hereby undertakes to make or cause to be made such payment as though BNPP were the principal obligor in respect of such obligation after a demand has been made on BNPP pursuant to Clause 11 hereof PROVIDED THAT BNPP shall not be obliged to make any payment under this Deed of Guarantee in respect of a Secured Security until the Collateral Assets in the Collateral Pool securing such Secured Security and any other Charged Assets relating to such series of Secured Securities have been realised or liquidated in full in the manner set out in Collateral Security Condition 7.2 and/or Collateral Security Condition 7.5. Payment of an amount equal to the Shortfall in respect of a Secured Security shall constitute a complete discharge of BNPP's obligations in respect of such Secured Security.

For the purposes of this Guarantee:

**"Shortfall"** means the amount, following liquidation and realisation of the Collateral Assets in the relevant Collateral Pool, by which the amount paid (and/or deemed to be paid in the case of Notional Value Repack Securities to which Physical Delivery of Collateral applies) to the Holder of the relevant Secured Security by, or on behalf of the Issuer, is less than the Security Termination Amount payable in respect of such Secured Security.

### 2. BNPP as Principal Obligor

As between BNPP and the Holder of each Secured Security but without affecting BNPP B.V.'s obligations, BNPP will be liable under this Guarantee as if it were the sole principal obligor and not merely a surety provided that (i) an Enforcement Event has occurred, (ii) the Collateral Assets in the Collateral Pool which secures the relevant Secured Security have been realised or liquidated in full in accordance with Collateral Security Condition 6.2 or where the Securities are Notional Value Repack Securities, the Collateral Assets in the

## FORM OF THE BNPP ENGLISH LAW GUARANTEE FOR SECURED SECURITIES

Collateral Pool securing such Secured Security and any other Charged Assets relating to such series of Secured Securities have been realised or liquidated in full in the manner set out in Collateral Security Condition 7.2 and/or Collateral Security Condition 7.5, (iii) the Security Realised Amount is less than the Security Termination Amount or, where the Secured Security is a Notional Value Repack Security and Physical Delivery of Collateral is applicable, the Security Realised Amount is less than the sum of (A) the Security Termination Amount and (B) the Calculated Security Termination Amount and (iv) a demand has been made on the Guarantor pursuant to Clause 11 hereof. Accordingly, it will not be discharged, nor will its liability be affected, by anything which would not discharge it or affect its liability if it were the sole principal obligor (including (1) any time, indulgence, waiver or consent at any time given to BNPP B.V. or any other person, (2) any amendment to any of the Conditions or to any security or other guarantee or indemnity, (3) the taking, existence or release of any such security, guarantee or indemnity, (4) the dissolution, amalgamation, reconstruction or reorganisation of BNPP B.V. or any other person, or (5) the illegality, invalidity or unenforceability of or any defect in any provision of the Conditions, the Agency Agreement or any of BNPP B.V.'s obligations under any of them).

### 3. **BNPP's Obligations Continuing**

BNPP's obligations under this Guarantee are and will remain in full force and effect by way of continuing security until no Shortfall remains payable under any Secured Security. Furthermore, those obligations of BNPP are additional to, and not instead of, any security or other guarantee or indemnity at any time existing in favour of any person, whether from BNPP or otherwise. BNPP irrevocably waives all notices and demands of any kind.

### 4. **Status**

This Guarantee is a senior preferred obligation (within the meaning of Article L.613-30-3-I-3° of the French *Code monétaire et financier*) and an unsecured obligation of BNPP and will rank *pari passu* with all its other present and future senior preferred and unsecured obligations subject to such exceptions as may from time to time be mandatory under French law.

### 5. **Exercise of BNPP's rights**

So long as any sum remains payable under the Secured Securities or this Guarantee, BNPP shall not exercise or enforce any right, by reason of the performance of any of its obligations under this Guarantee, to be indemnified by BNPP B.V.

### 6. **Discharge by BNPP B.V.**

If any payment received by, or other obligation discharged to or to the order of, the Holder of any Secured Security is, on the subsequent bankruptcy or insolvency of BNPP B.V., avoided under any laws relating to bankruptcy or insolvency, such payment will not be considered as having discharged or diminished the liability of BNPP in respect of any relevant Shortfall and this Guarantee will continue to apply in respect of any relevant Shortfall as if such payment had at all times remained due and owing by BNPP B.V.

### 7. **Indemnity**

As a separate and alternative stipulation, BNPP unconditionally and irrevocably agrees (1) that any sum or obligation which, although expressed to be payable or deliverable under the Secured Securities, is for any reason (whether or not now existing and whether or not now known or becoming known to BNPP B.V., BNPP or any Holder) not recoverable from BNPP on the basis of a guarantee will nevertheless be recoverable from it as if it were the sole principal obligor and will be paid or performed by it in favour of the Holder on demand provided (i) an Enforcement Event has occurred, (ii) the Collateral Assets in the Collateral Pool which secures the relevant Secured Security have been realised or liquidated in full in accordance with Collateral Security Condition 6.2 or where the Securities are Notional Value Repack Securities, the Collateral Assets in the Collateral Pool securing

## FORM OF THE BNPP ENGLISH LAW GUARANTEE FOR SECURED SECURITIES

such Secured Security and any other Charged Assets relating to such series of Secured Securities have been realised or liquidated in full in the manner set out in Collateral Security Condition 7.2 and/or Collateral Security Condition 7.5, (iii) the Security Realised Amount is less than the Security Termination Amount or, where the Secured Security is a Notional Value Repack Security and Physical Delivery of Collateral is applicable, the Security Realised Amount is less than the sum of (A) the Security Termination Amount and (B) the Calculated Security Termination Amount and (iv) a demand has been made on the Guarantor pursuant to Clause 11 hereof and provided further that in no circumstances shall BNPP be obliged to pay an amount under this Guarantee which is greater than the relevant Shortfall. The second sentence of Clause 2 of this Guarantee shall apply mutatis mutandis to this Clause 7.

### 8. Resolution Proceedings against the Guarantor

By its acquisition of the Securities, each Holder (which, for the purposes of this Clause 8, includes any current or future holder of a beneficial interest in the Securities) acknowledges, accepts, consents and agrees:

- (a) to be bound by the effect of the exercise of the Bail-in or Loss Absorption Power (as defined below) by the Relevant Resolution Authority (as defined below) if the latter was to consider that the Amounts Due fall within the scope of the Bail-in or Loss Absorption Power. This Bail-in or Loss Absorption Power may include and result in any of the following, or some combination thereof:
  - (i) the reduction of all, or a portion, of the Amounts Due;
  - (ii) the conversion of all, or a portion, of the Amounts Due into shares, other securities or other obligations of the Guarantor or another person (and the issue to the Holder of such shares, securities or obligations), including by means of an amendment, modification or variation of the terms of this Guarantee, in which case the Holder agrees to accept in lieu of its rights under this Guarantee any such shares, other securities or other obligations of the Guarantor or another person;
  - (iii) the cancellation of this Guarantee; and/or
  - (iv) the amendment or alteration of the term of this Guarantee, including by suspending payment for a temporary period;
- (b) if applicable, that the terms of this Guarantee are subject to, and may be varied, if necessary, to give effect to, the exercise of the Bail-in or Loss Absorption Power by the Relevant Resolution Authority.

For these purposes, the "**Amounts Due**" are the amounts payable under this Guarantee.

The "**Bail-in or Loss Absorption Power**" is any power existing from time to time under any laws, regulations, rules or requirements in effect in France, relating to the transposition of Directive 2014/59/EU of the European Parliament and of the Council of 15 May 2014 establishing a framework for the recovery and resolution of credit institutions and investment firms (as amended from time to time), including without limitation pursuant to French decree-law No. 2015-1024 dated 20 August 2015 (*Ordonnance portant diverses dispositions d'adaptation de la législation au droit de l'Union européenne en matière financière*) (as amended from time to time) ratified by the Law n°2016-1691 of 9 December 2016 relating to transparency, the fight against corruption and the modernisation of economic life (*Loi no. 2016-1691 du 9 décembre 2016 relative à la transparence, à la lutte contre la corruption et à la modernisation de la vie économique*) (as amended from time to time, this ordinance was ratified by the Law n°2016-1691), Regulation (EU) No 806/2014 of the European Parliament and of the Council of 15 July 2014 establishing uniform rules and a uniform procedure for the resolution of credit institutions and certain investment firms in the framework of a Single Resolution Mechanism and a Single Resolution Fund and amending Regulation (EU) No 1093/2010 (as amended from time to time, including by

## FORM OF THE BNPP ENGLISH LAW GUARANTEE FOR SECURED SECURITIES

Regulation (EU) 2019/877 dated 20 May 2019, the "**Single Resolution Mechanism Regulation**"), or otherwise arising under French law, and in each case the instructions, rules and standards created thereunder, pursuant to which the obligations of a Regulated Entity (or an affiliate of such Regulated Entity) can be reduced (in part or in whole), cancelled, suspended, transferred, varied or otherwise modified in any way, or securities of a Regulated Entity (or an affiliate of such Regulated Entity) can be converted into shares, other securities, or other obligations of such Regulated Entity or any other person, whether in connection with the implementation of a bail-in tool following placement in resolution.

A reference to a "Regulated Entity" is any entity referred to in Section 1 of Article L.613-34 of the French *Code monétaire et financier*, which includes certain credit institutions, investment firms, and certain of their parent or holding companies established in France.

A reference to the "**Relevant Resolution Authority**" is to the *Autorité de contrôle prudentiel et de résolution*, the Single Resolution Board established pursuant to the Single Resolution Mechanism Regulation, and/or any other authority entitled to exercise or participate in the exercise of any Bail-in or Loss Absorption Power against the Guarantor from time to time (including the Council of the European Union and the European Commission when acting pursuant to Article 18 of the Single Resolution Mechanism Regulation).

The matters set forth in this Clause 8 shall be exhaustive on the foregoing matters to the exclusion of any other agreements, arrangements or understandings between the Guarantor and any holder of Securities.

### 9. **Incorporation of Terms**

BNPP agrees that it shall comply with and be bound by those provisions contained in the Conditions which relate to it.

### 10. **Deposit of Guarantee**

This Guarantee shall be deposited with and held by BNP Paribas Securities Services, Luxembourg for the benefit of the Holders, provided that, as soon as practicable following the Merger Date, the executed Guarantee will be transferred to BNP Paribas, Succursale de Luxembourg and held on behalf of Holders at its specified office.

### 11. **Demand on BNPP**

Any demand hereunder shall be given in writing addressed to BNPP served at its office at CIB Legal, 37 Avenue de l'Opéra, 75002 Paris, France. A demand so made shall be deemed to have been duly made two Paris Business Days (as used herein, "**Paris Business Day**" means a day (other than a Saturday or Sunday) on which banks are open for business in Paris) after the day it was served or if it was served on a day that was not a Paris Business Day or after 5.30 p.m. (Paris time) on any day, the demand shall be deemed to be duly made two Paris Business Days after the Paris Business Day immediately following such day.

### 12. **Governing law**

This Guarantee and any non-contractual obligations arising out of or in connection herewith shall be governed by and construed in accordance with English law.

### 13. **Jurisdiction**

The courts of England shall have the exclusive jurisdiction to settle any disputes which may, directly or indirectly, arise out of or in connection with this Guarantee including a dispute relating to any non-contractual obligations arising out of or in connection herewith.

**FORM OF THE BNPP ENGLISH LAW GUARANTEE FOR SECURED SECURITIES**

**14. Service of Process**

BNPP agrees that service of process in England may be made on it at its London branch. Nothing in this Guarantee shall affect the right to serve process in any other manner permitted by law.

**15. Contracts (Rights of Third Parties) Act 1999**

No rights are conferred on any person under the Contracts (Rights of Third Parties) Act 1999 to enforce any term of this Guarantee, but this does not affect any right or remedy of any person which exists or is available from that Act.

Executed as a Deed

By BNP PARIBAS	)
acting by	)
acting under the authority	)
of that company	)

**IN WITNESS** whereof this Guarantee has been executed and delivered by BNP Paribas as a deed on the date first above-mentioned.

Witness's signature:

Name:

Address:



## FORM OF THE BNPP FRENCH LAW GUARANTEE FOR UNSECURED SECURITIES

### FORM OF THE BNPP FRENCH LAW GUARANTEE FOR UNSECURED SECURITIES

**THIS GUARANTEE** is made by BNP Paribas ("**BNPP**") in favour of the holders for the time being of the Securities (as defined below) (each a "**Holder**").

#### **WHEREAS:**

BNP Paribas Issuance B.V. ("**BNPP B.V.**"), BNPP and BNP Paribas Fortis Funding have established a Note, Warrant and Certificate Programme (the "**Programme**") under which, *inter alia*, BNPP B.V. may from time to time issue, *inter alia*, unsecured warrants and certificates governed by French law (the "**Securities**") of any kind including, but not limited to, warrants and certificates relating to a specified index or a basket of indices, a specified share (or Stapled Shares (as defined in Share Security Condition 1)), preference share, GDR or ADR or a basket of shares (or Stapled Shares), GDRs and/or ADRs, a specified interest in an exchange traded instrument or basket of interests in exchange traded instruments, a specified debt instrument or basket of debt instruments, a specified debt futures or debt options contract or basket of debt futures or debt options contracts, a specified commodity (including an EU Allowance) or commodity index or basket of commodities (including EU Allowances) and/or commodity indices, a specified inflation index or basket of inflation indices, a specified currency or basket of currencies, a specified currency futures contract, a specified fund share or unit or basket of fund shares or units, a euro fund insurance or investment policy or capitalisation contract, a specified underlying interest rate or basket of underlying interest rates, Credit Securities, Open End Certificates, Open End Turbo Certificates or Actively Managed Securities. BNPP intends to guarantee the obligations of BNPP B.V. under the Securities in the manner and to the extent set out herein.

The Securities may be issued pursuant to (a) an Amended and Restated Agency Agreement (the "**Agency Agreement**", which expression includes the same as it may be amended, supplemented or restated from time to time) dated on or around 1 June 2022 between, *inter alia*, BNPP B.V., BNPP, BNP Paribas Securities Services, Luxembourg Branch (which, from and including the Merger Date, will be substituted with BNP Paribas, Succursale de Luxembourg) as agent and BNP Paribas Arbitrage S.N.C. as calculation agent or (b) any other agency or analogous agreement entered into by BNPP and/or BNPP B.V. from time to time.

Terms defined in the Terms and Conditions of the Securities, as amended and/or supplemented by the applicable Final Terms (the "**Conditions**") and not otherwise defined in this Guarantee shall have the same meanings when used in this Guarantee.

Any reference in this Guarantee to any obligation or sums or amounts payable under or in respect of the Securities by BNPP B.V. shall be construed to refer to (if applicable) in the event of a bail-in of BNPP, such obligations, sums and/or amounts as reduced by reference to, and in the same proportion as, any such reduction or modification applied to liabilities of BNPP following the application of a bail-in of BNPP by any relevant authority (including in a situation where the Guarantee itself is not the subject of such bail-in).

In respect of all Securities issued on or after the date of this Guarantee, this Guarantee replaces the guarantee dated 1 June 2021 granted by the Guarantor in respect of Securities issued under the Programme.

#### **1. Guarantee**

Subject as provided below, BNPP unconditionally and irrevocably guarantees to each Holder that, if for any reason BNPP B.V. does not pay any sum payable by it or perform any other obligation in respect of any Security on the date specified for such payment or performance BNPP will, in accordance with the Conditions pay that sum in the currency in which such payment is due in immediately available funds or, as the case may be, perform or procure the performance of the relevant obligation on the due date for such performance. In case of the failure of BNPP B.V. to satisfy such obligations as and when the same become due, BNPP hereby undertakes to make or cause to be made such payment or satisfy or cause to be satisfied such obligations as though BNPP were the principal obligor in respect of such obligation after a demand has been made on BNPP pursuant to Clause 9

## FORM OF THE BNPP FRENCH LAW GUARANTEE FOR UNSECURED SECURITIES

hereof PROVIDED THAT in the case of Securities other than Credit Securities (A) in the case of Physical Delivery Securities where BNPP B.V. has the obligation, pursuant to the terms and conditions of the relevant Security, to deliver the Entitlement, notwithstanding that BNPP B.V. had the right to vary settlement in respect of such Physical Delivery Securities in accordance with Security Condition 5.3) and exercised such right or failed to exercise such right, BNPP will have the right to elect not to deliver or procure delivery of the Entitlement to the Holders of such Physical Delivery Securities, but in lieu thereof, to make payment in respect of each such Physical Delivery Securities of an amount equal to the Guaranteed Cash Settlement Amount (as defined in the Conditions) and (B) in the case of Securities where the obligations of BNPP B.V. which fall to be satisfied by BNPP constitute the delivery of the Entitlement to the Holders, BNPP will as soon as practicable following BNPP B.V.'s failure to satisfy its obligations under such Securities deliver or procure delivery of such Entitlement using the method of delivery specified in the applicable Final Terms provided that, if in the opinion of BNPP, delivery of the Entitlement using such method is not practicable by reason of (i) a Settlement Disruption Event (as defined in Security Condition 5.1) or (ii) a Failure to Deliver due to Illiquidity (as defined in Security Condition 15.1) (if "Failure to Deliver due to Illiquidity" is specified as applying in the applicable Final Terms), in lieu of such delivery BNPP will make payment in respect of each such Security of, in the case of (i) above, the Guaranteed Cash Settlement Amount or, in the case of (ii) above, the Failure to Deliver Settlement Price (as defined in Security Condition 15.2). Any payment of the Guaranteed Cash Settlement Amount or the Failure to Deliver Settlement Price, as the case may be, in respect of a Security shall constitute a complete discharge of BNPP's obligations in respect of such Security.

### 2. Joint liability of BNPP and BNPP B.V.

BNPP hereby acknowledges, absolutely and without right to claim the benefit of any legal circumstances amounting to an exemption from liability or a guarantor's defence, that it is bound by the obligations specified below. Accordingly, BNPP acknowledges that it will not be released from liability, nor will its liability be reduced, at any time, by extension or grace periods regarding payment or performance, any waiver or any consent granted to BNPP B.V. or to any other person, or by the failure of any execution proceedings brought against BNPP B.V. or any other person. Furthermore, BNPP acknowledges that (1) it will not be relieved of its obligations in the event that BNPP B.V.'s obligations become void for reasons relating to BNPP B.V.'s capacity, limitation of powers or lack thereof (including any lack of authority of persons having entered into contracts in the name, or on behalf, of BNPP B.V.), (2) its obligations under this Guarantee will remain valid and in full effect notwithstanding the dissolution, merger, takeover or reorganisation of BNPP B.V., as well as the opening of insolvency proceedings (*procédures collectives*), or any other proceedings similar to receivership or liquidation proceedings, in respect of BNPP B.V., (3) it will not avail itself of any subrogation rights in respect of the Holders' rights and that it will take no steps to enforce any rights or demands against BNPP B.V., so long as any amounts remain due; or any obligation remains unperformed, under the Securities, (4) its duties under this Guarantee will not be conditional on or subject to the validity or execution of any other security granted by BNPP B.V. or any other person to the Holders, or to the existence or creation of any security for the benefit of the Holders, and (5) neither the notification of, nor the serving of a formal request upon, BNPP B.V. or any other person is a prior condition to a payment or performance by BNPP under this Guarantee.

### 3. BNPP's continuing liability

BNPP's obligations under this Guarantee are and will remain valid and in full effect so long as any amounts remain outstanding, or any obligation remains unperformed, under the Securities.

### 4. Status

This Guarantee is a senior preferred obligation (within the meaning of Article L.613-30-3-I-3° of the French *Code monétaire et financier*) and an unsecured obligation of BNPP and will rank *pari passu* with all its other

## FORM OF THE BNPP FRENCH LAW GUARANTEE FOR UNSECURED SECURITIES

present and future senior preferred and unsecured obligations subject to such exceptions as may from time to time be mandatory under French law.

### 5. Exercise of BNPP's rights

So long as any sum remains payable under the Securities or this Guarantee, BNPP shall not exercise or enforce any right, by reason of the performance of any of its obligations under this Guarantee, to be indemnified by BNPP B.V. or to take the benefit of or enforce any security or other guarantee or indemnity.

### 6. BNPP B.V. repayment

If a payment received by, or other obligation discharged to or to the order of, any Holder is declared null and void under any rule relating to insolvency proceedings (*procédures collectives*), or any other procedure similar to the receivership or liquidation of BNPP B.V., such payment or obligation will not reduce BNPP's obligations and this Guarantee will continue to apply as if such payment or obligation had always been due from BNPP B.V.

### 7. Resolution proceedings against the Guarantor

By its acquisition of the Securities, each Holder (which, for the purposes of this Clause 7, includes any current or future holder of a beneficial interest in the Securities) acknowledges, accepts, consents and agrees:

- (a) to be bound by the effect of the exercise of the Bail-in or Loss Absorption Power (as defined below) by the Relevant Resolution Authority (as defined below) if the latter was to consider that the Amounts Due fall within the scope of the Bail-in or Loss Absorption Power. This Bail-in or Loss Absorption Power may include and result in any of the following, or some combination thereof:
  - (i) the reduction of all, or a portion, of the Amounts Due;
  - (ii) the conversion of all, or a portion, of the Amounts Due into shares, other securities or other obligations of the Guarantor or another person (and the issue to the Holder of such shares, securities or obligations), including by means of an amendment, modification or variation of the terms of this Guarantee, in which case the Holder agrees to accept in lieu of its rights under this Guarantee any such shares, other securities or other obligations of the Guarantor or another person;
  - (iii) the cancellation of this Guarantee; and/or
  - (iv) the amendment or alteration of the term of this Guarantee, including by suspending payment for a temporary period;
- (b) if applicable, that the terms of this Guarantee are subject to, and may be varied, if necessary, to give effect to, the exercise of the Bail-in or Loss Absorption Power by the Relevant Resolution Authority.

For these purposes, the "**Amounts Due**" are (a)(i) (in the case of Securities that are Certificates) the amounts payable on, or the Entitlement deliverable in respect of, each Security that has not been previously redeemed or cancelled or is otherwise no longer due or (ii) (in the case of Securities that are Warrants) the amounts payable on, or the Entitlement deliverable in respect of, each Security on exercise or cancellation or (b) the amounts payable by the Guarantor under this Guarantee.

The "**Bail-in or Loss Absorption Power**" is any power existing from time to time under any laws, regulations, rules or requirements in effect in France, relating to the transposition of Directive 2014/59/EU of the European Parliament and of the Council of 15 May 2014 establishing a framework for the recovery and resolution of credit institutions and investment firms (as amended from time to time), including without limitation pursuant to French decree-law No. 2015-1024 dated 20 August 2015 (*Ordonnance portant diverses dispositions*

## FORM OF THE BNPP FRENCH LAW GUARANTEE FOR UNSECURED SECURITIES

*d'adaptation de la législation au droit de l'Union européenne en matière financière*) (as amended from time to time) ratified by the Law n°2016-1691 of 9 December 2016 relating to transparency, the fight against corruption and the modernisation of economic life (*Loi no. 2016-1691 du 9 décembre 2016 relative à la transparence, à la lutte contre la corruption et à la modernisation de la vie économique*) (as amended from time to time, this ordinance was ratified by the Law n°2016-1691), Regulation (EU) No 806/2014 of the European Parliament and of the Council of 15 July 2014 establishing uniform rules and a uniform procedure for the resolution of credit institutions and certain investment firms in the framework of a Single Resolution Mechanism and a Single Resolution Fund and amending Regulation (EU) No 1093/2010 (as amended from time to time, including by Regulation (EU) 2019/877 dated 20 May 2019, the "**Single Resolution Mechanism Regulation**"), or otherwise arising under French law, and in each case the instructions, rules and standards created thereunder, pursuant to which the obligations of a Regulated Entity (or an affiliate of such Regulated Entity) can be reduced (in part or in whole), cancelled, suspended, transferred, varied or otherwise modified in any way, or securities of a Regulated Entity (or an affiliate of such Regulated Entity) can be converted into shares, other securities, or other obligations of such Regulated Entity or any other person, whether in connection with the implementation of a bail-in tool following placement in resolution.

A reference to a "**Regulated Entity**" is any entity referred to in Section 1 of Article L.613-34 of the French *Code monétaire et financier*, which includes certain credit institutions, investment firms, and certain of their parent or holding companies established in France.

A reference to the "**Relevant Resolution Authority**" is to the *Autorité de contrôle prudentiel et de résolution*, the Single Resolution Board established pursuant to the Single Resolution Mechanism Regulation, and/or any other authority entitled to exercise or participate in the exercise of any Bail-in or Loss Absorption Power against the Guarantor from time to time (including the Council of the European Union and the European Commission when acting pursuant to Article 18 of the Single Resolution Mechanism Regulation).

The matters set forth in this Clause 7 shall be exhaustive on the foregoing matters to the exclusion of any other agreements, arrangements or understandings between the Guarantor and any holder of Securities.

### 8. **Conditions binding**

BNPP declares (i) that it has full knowledge of the provisions of the Conditions, (ii) that it will comply with them and (iii) that it will be bound by them.

### 9. **Demand on BNPP**

Any demand hereunder shall be given in writing addressed to BNPP served at its office at CIB Legal, 37 Avenue de l'Opéra, 75002 Paris, France. A demand so made shall be deemed to have been duly made two Paris Business Days (as used herein, "**Paris Business Day**" means a day (other than a Saturday or Sunday) on which banks are open for business in Paris) after the day it was served or if it was served on a day that was not a Paris Business Day or after 5.30 p.m. (Paris time) on any day, the demand shall be deemed to be duly made two Paris Business Days after the Paris Business Day immediately following such day.

### 10. **Governing law and jurisdiction**

This Guarantee is governed by, and shall be construed in accordance with, French law and the competent courts within the jurisdiction of the Paris Court of Appeal (*Cour d'Appel de Paris*) will be competent to settle any litigation or proceedings relating to this Guarantee.

Executed in Paris in one original on 1 June 2022.

BNP PARIBAS

**FORM OF THE BNPP FRENCH LAW GUARANTEE FOR UNSECURED SECURITIES**

By:

## FORM OF THE BNPP FRENCH LAW GUARANTEE FOR SECURED SECURITIES

### FORM OF THE BNPP FRENCH LAW GUARANTEE FOR SECURED SECURITIES

**THIS GUARANTEE** is made by BNP Paribas ("**BNPP**") in favour of the holders for the time being of the Secured Securities (as defined below) (each a "**Holder**").

#### **WHEREAS:**

BNP Paribas Issuance B.V. ("**BNPP B.V.**"), BNPP and BNP Paribas Fortis Funding have established a Note, Warrant and Certificate Programme (the "**Programme**") under which, *inter alia*, BNPP B.V. may from time to time issue, *inter alia*, secured warrants and certificates governed by French law (the "**Secured Securities**") of any kind including, but not limited to, Securities relating to a specified index or a basket of indices, a specified share (or Stapled Shares (as defined in Share Security Condition 1)), preference share, GDR or ADR or a basket of shares (or Stapled Shares), GDRs and/or ADRs, a specified interest in an exchange traded instrument or basket of interests in exchange traded instruments, a specified debt instrument or basket of debt instruments, a specified debt futures or debt options contract or basket of debt futures or debt options contracts, a specified commodity (including an EU Allowance) or commodity index or basket of commodities (including EU Allowances) and/or commodity indices, a specified inflation index or basket of inflation indices, a specified currency or basket of currencies, a specified currency futures contract, a specified fund share or unit or basket of fund shares or units, a euro fund insurance or investment policy or capitalisation contract, a specified underlying interest rate or basket of underlying interest rates, Credit Securities, Open End Certificates, Open End Turbo Certificates or Actively Managed Securities. In respect of Secured Securities (other than Notional Value Repack Securities), BNPP B.V. will grant a security interest over assets held in accounts with the Custodian in favour of the Collateral Agent on behalf of itself and the relevant Holders. In respect of Secured Securities which are Notional Value Repack Securities, BNPP B.V. will grant a security interest over assets held in accounts with the Custodian in favour of the French Collateral Security Agent on behalf of itself and the relevant Secured Parties and will grant a security interest over certain contractual rights in favour of the French Collateral Security Agent on behalf of itself and the relevant Secured Parties. BNPP intends to guarantee the obligations of BNPP B.V. under the Secured Securities in the manner and to the extent set out herein.

The Secured Securities may be issued pursuant to (a) an Amended and Restated Agency Agreement (the "**Agency Agreement**", which expression includes the same as it may be amended, supplemented or restated from time to time) dated on or around 1 June 2022 between, *inter alia*, BNPP B.V., BNPP, BNP Paribas Securities Services, Luxembourg Branch (which, from and including the Merger Date (as defined below), will be substituted with BNP Paribas, Succursale de Luxembourg) as agent and BNP Paribas Arbitrage S.N.C. as calculation agent or (b) any other agency or analogous agreement entered into by BNPP and/or BNPP B.V. from time to time.

BNPP and BNP Paribas Securities Services SCA are implementing an intragroup reorganisation pursuant to which BNPP, as the "absorbing entity", will merge with BNP Paribas Securities Services SCA, as the "absorbed entity", pursuant to the simplified merger regime (*fusion simplifiée*), which is governed by Articles L. 236-1 et seq. of the French Commercial Code (*Code de commerce*) (the "**Intragroup Merger**"). The Intragroup Merger will take effect on 1 October 2022 or such other date as shall be notified to the Holders in accordance with Condition 10 (the "**Merger Date**").

Terms defined in the Additional Terms and Conditions of the Secured Securities, as amended and/or supplemented by the applicable Final Terms (the "**Conditions**") and not otherwise defined in this Guarantee for Secured Securities shall have the same meanings when used in this Guarantee.

In respect of all Secured Securities issued on or after the date of this Guarantee, this Guarantee replaces the guarantee dated 1 June 2021 granted by the Guarantor in respect of Secured Securities issued under the Programme.

#### **1. Guarantee**

Subject as provided below, BNPP unconditionally and irrevocably guarantees to each Holder that:

## FORM OF THE BNPP FRENCH LAW GUARANTEE FOR SECURED SECURITIES

- (a) where the Secured Security is a Security to which either Part A or B of Annex 13 (*Additional Terms and Conditions for Secured Securities*) applies, if following the occurrence of an Enforcement Event and enforcement of the Pledge in respect of the relevant Collateral Pool, for any reason BNPP B.V. does not pay the Security Termination Amount in respect of a Secured Security in full, BNPP will, in accordance with the Conditions, pay an amount equal to the Shortfall in the currency in which such payment is due in immediately available funds. In case of the failure of BNPP B.V. to satisfy such obligation as and when the same becomes due, BNPP hereby undertakes to make or cause to be made such payment as though BNPP were the principal obligor in respect of such obligation after a demand has been made on BNPP pursuant to Clause 9 hereof PROVIDED THAT BNPP shall not be obliged to make any payment under this Guarantee in respect of a Secured Security until the Collateral Assets in the Collateral Pool securing such Secured Security have been realised or liquidated in full in the manner set out in Collateral Security Condition 6.2. Payment of an amount equal to the Shortfall in respect of a Secured Security shall constitute a complete discharge of BNPP's obligations in respect of such Secured Security.
- (b) where the Secured Security is a Notional Value Repack Security, if following the occurrence of an Enforcement Event and enforcement of the Security Agreements in respect of the relevant Collateral Pool and series of Secured Securities, for any reason BNPP B.V. does not pay the Security Termination Amount and, or is not deemed to have paid the Calculated Security Termination Amount (where Physical Delivery of Collateral is applicable) in respect of a Secured Security in full, BNPP will, in accordance with the Conditions, pay an amount equal to the Shortfall in the currency in which such payment is due in immediately available funds. In case of the failure of BNPP B.V. to satisfy such obligation as and when the same becomes due, BNPP hereby undertakes to make or cause to be made such payment as though BNPP were the principal obligor in respect of such obligation after a demand has been made on BNPP pursuant to Clause 9 hereof PROVIDED THAT BNPP shall not be obliged to make any payment under this Guarantee in respect of a Secured Security until the Collateral Assets in the Collateral Pool securing such Secured Security and any other Charged Assets relating to such series of Secured Securities have been realised or liquidated in full in the manner set out in Collateral Security Condition 7.2 and/or Collateral Security Condition 7.5. Payment of an amount equal to the Shortfall in respect of a Secured Security shall constitute a complete discharge of BNPP's obligations in respect of such Secured Security.

For the purposes of this Guarantee:

**"Shortfall"** means the amount, following liquidation and realisation of the Collateral Assets in the relevant Collateral Pool, by which the amount paid (and/or deemed to be paid in the case of Notional Value Repack Securities to which Physical Delivery of Collateral applies) to the Holder of the relevant Secured Security by, or on behalf of the Issuer, is less than the Security Termination Amount payable in respect of such Secured Security.

## 2. Joint liability of BNPP and BNPP B.V.

BNPP hereby acknowledges, absolutely and without right to claim the benefit of any legal circumstances amounting to an exemption from liability or a guarantor's defence, that it is bound by the obligations specified below. Accordingly, BNPP acknowledges that it will not be released from liability, nor will its liability be reduced, at any time, by extension or grace periods regarding payment or performance, any waiver or any consent granted to BNPP B.V. or to any other person, or by the failure of any execution proceedings brought against BNPP B.V. or any other person provided that (i) an Enforcement Event has occurred, (ii) the Collateral Assets in the Collateral Pool which secures the relevant Secured Security have been realised or liquidated in full in accordance with Collateral Security Condition 6.2, or where the Securities are Notional Value Repack Securities, the Collateral Assets in the Collateral Pool securing such Secured Security and any other Charged Assets relating

## FORM OF THE BNPP FRENCH LAW GUARANTEE FOR SECURED SECURITIES

to such series of Secured Securities have been realised or liquidated in full in the manner set out in Collateral Security Condition 7.2 and/or Collateral Security Condition 7.5, (iii) the Security Realised Amount is less than the Security Termination Amount or, where the Secured Security is a Notional Value Repack Security and Physical Delivery of Collateral is applicable, the Security Realised Amount is less than the sum of (A) the Security Termination Amount and (B) the Calculated Security Termination Amount and (iv) a demand has been made on the Guarantor pursuant to Clause 9 hereof. Furthermore, BNPP acknowledges that (1) it will not be relieved of its obligations in the event that BNPP B.V.'s obligations become void for reasons relating to BNPP B.V.'s capacity, limitation of powers or lack thereof (including any lack of authority of persons having entered into contracts in the name, or on behalf, of BNPP B.V.), (2) its obligations under this Guarantee will remain valid and in full effect notwithstanding the dissolution, merger, takeover or reorganisation of BNPP B.V., as well as the opening of insolvency proceedings (*procédures collectives*), or any other proceedings similar to receivership or liquidation proceedings, in respect of BNPP B.V., (3) it will not avail itself of any subrogation rights in respect of the Holders' rights and that it will take no steps to enforce any rights or demands against BNPP B.V., so long as any amounts remain due; or any obligation remains unperformed, under the Secured Securities, and (4) neither the notification of, nor the serving of a formal request upon, BNPP B.V. or any other person is a prior condition to a payment or performance by BNPP under this Guarantee.

### 3. BNPP's continuing liability

BNPP's obligations under this Guarantee are and will remain valid and in full effect until no Shortfall remains payable under any Secured Security.

### 4. Status

This Guarantee is a senior preferred obligation (within the meaning of Article L.613-30-3-I-3° of the French *Code monétaire et financier*) and an unsecured obligation of BNPP and will rank *pari passu* with all its other present and future senior preferred and unsecured obligations subject to such exceptions as may from time to time be mandatory under French law.

### 5. Exercise of BNPP's rights

So long as any sum remains payable under the Secured Securities or this Guarantee, BNPP shall not exercise or enforce any right, by reason of the performance of any of its obligations under this Guarantee, to be indemnified by BNPP B.V.

### 6. BNPP B.V. repayment

If a payment received by, or other obligation discharged to or to the order of, any Holder is declared null and void under any rule relating to insolvency proceedings (*procédures collectives*), or any other procedure similar to the receivership or liquidation of BNPP B.V., such payment or obligation will not reduce BNPP's obligations in respect of any relevant Shortfall and this Guarantee will continue to apply in respect of any relevant Shortfall as if such payment or obligation had always been due from BNPP B.V.

### 7. Resolution Proceedings against the Guarantor

By its acquisition of the Securities, each Holder (which, for the purposes of this Clause 7, includes any current or future holder of a beneficial interest in the Securities) acknowledges, accepts, consents and agrees:

- (a) to be bound by the effect of the exercise of the Bail-in or Loss Absorption Power (as defined below) by the Relevant Resolution Authority (as defined below) if the latter was to consider that the Amounts Due fall within the scope of the Bail-in or Loss Absorption Power. This Bail-in or Loss Absorption Power may include and result in any of the following, or some combination thereof:



## FORM OF THE BNPP FRENCH LAW GUARANTEE FOR SECURED SECURITIES

- (i) the reduction of all, or a portion, of the Amounts Due;
  - (ii) the conversion of all, or a portion, of the Amounts Due into shares, other securities or other obligations of the Guarantor or another person (and the issue to the Holder of such shares, securities or obligations), including by means of an amendment, modification or variation of the terms of this Guarantee, in which case the Holder agrees to accept in lieu of its rights under this Guarantee any such shares, other securities or other obligations of the Guarantor or another person;
  - (iii) the cancellation of this Guarantee; and/or
  - (iv) the amendment or alteration of the term of this Guarantee, including by suspending payment for a temporary period;
- (b) if applicable, that the terms of this Guarantee are subject to, and may be varied, if necessary, to give effect to, the exercise of the Bail-in or Loss Absorption Power by the Relevant Resolution Authority.

For these purposes, the "**Amounts Due**" are the amounts payable under this Guarantee.

The "**Bail-in or Loss Absorption Power**" is any power existing from time to time under any laws, regulations, rules or requirements in effect in France, relating to the transposition of Directive 2014/59/EU of the European Parliament and of the Council of 15 May 2014 establishing a framework for the recovery and resolution of credit institutions and investment firms (as amended from time to time), including without limitation pursuant to French decree-law No. 2015-1024 dated 20 August 2015 (*Ordonnance portant diverses dispositions d'adaptation de la législation au droit de l'Union européenne en matière financière*) (as amended from time to time) ratified by the Law n°2016-1691 of 9 December 2016 relating to transparency, the fight against corruption and the modernisation of economic life (*Loi no. 2016-1691 du 9 décembre 2016 relative à la transparence, à la lutte contre la corruption et à la modernisation de la vie économique*) (as amended from time to time, this ordinance was ratified by the Law n°2016-1691), Regulation (EU) No 806/2014 of the European Parliament and of the Council of 15 July 2014 establishing uniform rules and a uniform procedure for the resolution of credit institutions and certain investment firms in the framework of a Single Resolution Mechanism and a Single Resolution Fund and amending Regulation (EU) No 1093/2010 (as amended from time to time, including by Regulation (EU) 2019/877 dated 20 May 2019, the "**Single Resolution Mechanism Regulation**"), or otherwise arising under French law, and in each case the instructions, rules and standards created thereunder, pursuant to which the obligations of a Regulated Entity (or an affiliate of such Regulated Entity) can be reduced (in part or in whole), cancelled, suspended, transferred, varied or otherwise modified in any way, or securities of a Regulated Entity (or an affiliate of such Regulated Entity) can be converted into shares, other securities, or other obligations of such Regulated Entity or any other person, whether in connection with the implementation of a bail-in tool following placement in resolution.

A reference to a "Regulated Entity" is any entity referred to in Section 1 of Article L.613-34 of the French *Code monétaire et financier*, which includes certain credit institutions, investment firms, and certain of their parent or holding companies established in France.

A reference to the "**Relevant Resolution Authority**" is to the *Autorité de contrôle prudentiel et de résolution*, the Single Resolution Board established pursuant to the Single Resolution Mechanism Regulation, and/or any other authority entitled to exercise or participate in the exercise of any Bail-in or Loss Absorption Power against the Guarantor from time to time (including the Council of the European Union and the European Commission when acting pursuant to Article 18 of the Single Resolution Mechanism Regulation).

The matters set forth in this Clause 7 shall be exhaustive on the foregoing matters to the exclusion of any other agreements, arrangements or understandings between the Guarantor and any holder of Securities.

## FORM OF THE BNPP FRENCH LAW GUARANTEE FOR SECURED SECURITIES

### 8. Conditions binding

BNPP declares (i) that it has full knowledge of the provisions of the Conditions, (ii) that it will comply with them and (iii) that it will be bound by them.

### 9. Demand on BNPP

Any demand hereunder shall be given in writing addressed to BNPP served at its office at CIB Legal, 37 Avenue de l'Opéra, 75002 Paris, France. A demand so made shall be deemed to have been duly made two Paris Business Days (as used herein, "**Paris Business Day**" means a day (other than a Saturday or Sunday) on which banks are open for business in Paris) after the day it was served or if it was served on a day that was not a Paris Business Day or after 5.30 p.m. (Paris time) on any day, the demand shall be deemed to be duly made two Paris Business Days after the Paris Business Day immediately following such day.

### 10. Governing law and jurisdiction

This Guarantee is governed by, and shall be construed in accordance with, French law and the competent courts within the jurisdiction of the Paris Court of Appeal (*Cour d'Appel de Paris*) will be competent to settle any litigation or proceedings relating to this Guarantee.

Executed in Paris in one original on 1 June 2022.

BNP PARIBAS

By:

## FORM OF THE SECURITIES

English Law Securities which are issued and transferred through Clearstream, Luxembourg and/or Euroclear, Euroclear France SA ("**Euroclear France**"), Sociedad de Gestión de los Sistemas de Registro, Compensación y Liquidación de Valores S.A., Unipersonal ("**Iberclear**"), Monte Titoli S.p.A ("**Monte Titoli**"), Clearstream Banking AG, Frankfurt am Main ("**Clearstream, Frankfurt**") and/or any other relevant clearing system ("**Clearing System Securities**") will be represented by a global security (each a "**Clearing System Global Security**"), which will be issued and deposited with a common depositary on behalf of Clearstream, Luxembourg, Euroclear, Iberclear, Monte Titoli and/or any other relevant clearing system or, as the case may be, Euroclear France or Clearstream, Frankfurt on the date of issue of the relevant Securities in accordance with the rules and regulations of the relevant clearing system. Registered English Law Certificates ("**Registered Certificates**") will be represented by a registered global certificate (a "**Registered Global Certificate**" or a "**Registered Global Security**") held on behalf of Euroclear and/or Clearstream Luxembourg and/or any other relevant clearing system. Clearing System Securities and Securities in definitive registered form will not be exchangeable for Registered Securities and Registered Securities will not be exchangeable for Clearing System Securities and Private Placement Definitive Securities. Each Clearing System Global Security and Registered Global Security are each referred to as a "**Global Security**". Swedish Dematerialised Securities (as defined herein) will be issued in registered, uncertificated and dematerialised book-entry form in accordance with the SFIA Act (as defined herein). Danish Dematerialised Securities (as defined herein) will be issued in registered, uncertificated and dematerialised book-entry form in accordance with the provisions of the Danish Capital Markets Act (as defined herein). Finnish Dematerialised Securities (as defined herein) will be issued in registered, uncertificated and dematerialised book-entry form in accordance with the Finnish Act on the Book-Entry System and Clearing and the Finnish Act on Book-Entry Accounts (as specified herein). Norwegian Dematerialised Securities (as defined herein) will be issued in registered, uncertificated and dematerialised book-entry form in accordance with the provisions of the Norwegian Securities Register Act and VPS Norway Rules (each as defined herein). Italian Dematerialised Securities (as defined herein) will be issued in registered, uncertificated and dematerialised book-entry form into Monte Titoli. Swiss Securities (as defined herein) may be issued as Swiss Materialised Securities (as defined herein) or as Swiss Dematerialised Securities (as defined herein). Swiss Materialised Securities will be represented by a global security. Swiss Dematerialised Securities will be issued in uncertificated and dematerialised form. The terms and conditions of the Swiss Securities will be set forth in the applicable Final Terms. Polish Dematerialised Securities (as defined herein) will be issued in registered, uncertificated and dematerialised book-entry form in accordance with the provisions of the Polish Act on Trading in Financial Instruments (as defined herein). Except as described herein, no definitive Securities will be issued.

CREST Dematerialised Securities (as defined herein) will be issued and held in uncertificated form in accordance with the Uncertificated Securities Regulations 2001, including any modification or re-enactment thereof from time to time. Title to CREST Dematerialised Securities is recorded on the relevant Operator register of eligible debt securities. The Operator is Euroclear UK & Ireland Limited.

French Law Securities will be in dematerialised bearer form (*au porteur*) and will be inscribed (*inscription en compte*) in the books of Euroclear France which shall credit the accounts of the Holders. No physical document of title will be issued in respect of French Law Securities. French Law Securities have been accepted for clearance through Euroclear France and through Euroclear France as an intermediary into Euroclear and/or Clearstream, Luxembourg and/or any other relevant clearing system.

Italian Dematerialised Securities issued under the Programme will be in dematerialised form and evidenced at any time through book entries pursuant to the relevant provisions of Italian legislative decree no. 58/1998, as amended and integrated by subsequent implementing provisions, and in accordance with CONSOB and Bank of Italy Joint Regulation dated 22 February 2008, as amended and integrated by subsequent implementing provisions. In no circumstance would physical documents of title be issued in respect of the Italian Dematerialised Securities. While the Italian Dematerialised Securities are represented by book entries, investors will be able to trade their beneficial interests only through Monte Titoli S.p.A. ("**Monte Titoli**") and the authorised financial intermediaries holding accounts on behalf of their customers with Monte Titoli. As the Italian Dematerialised Securities are held in dematerialised form with Monte Titoli, investors

## FORM OF THE SECURITIES

will have to rely on the procedures of Monte Titoli and the financial intermediaries authorised to hold accounts therewith, for transfer, payment and communication with the relevant Issuer or Guarantor (if any).

In the event that the Final Terms specify that Securities are eligible for sale in the United States ("**U.S. Securities**"), (A) the Securities sold in the United States by BNPP to QIBs within the meaning of Rule 144A will be represented by one or more global Securities (each, a "**Rule 144A Global Security**") issued and deposited with (1) a custodian for, and registered in the name of a nominee of, The Depository Trust Company ("**DTC**") or (2) a common depository on behalf of Clearstream, Luxembourg or Euroclear and/or any other relevant clearing system, (B) the Securities sold in the United States by BNPP to AIs will be issued and registered in definitive form (each, a "**Private Placement Definitive Security**") (C) the Securities sold in the United States by BNPP B.V. to QIBs who are QPs will be represented by a Rule 144A Global Security (D) in any such case, Securities sold outside the United States to persons that are not (i) a "U.S. person" as defined in Regulation S under the United States Securities Act of 1933, as amended (the "**Securities Act**") ("**Regulation S**"); or (ii) a person other than a "Non-United States person" as defined in Rule 4.7 under the United States Commodity Exchange Act, as amended (the "**Commodity Exchange Act**"); or (iii) a "U.S. person" as defined in (a) the Interpretive Guidance and Policy Statement Regarding Compliance with Certain Swap Regulations promulgated by the Commodity Futures Trading Commission (the "**CFTC**") or (b) the final rule relating to Cross-Border Application of the Registration Thresholds and Certain Requirements Applicable to Swap Dealers and Major Swap Participants promulgated by the CFTC, in each case as amended, modified or supplemented from time to time, pursuant to the Commodity Exchange Act; or (iv) any other "U.S. person" as such term may be defined in Regulation S or in regulations or guidance adopted under the Commodity Exchange Act (each such person, a "**U.S. person**") may not be legally or beneficially owned at any time by any U.S. person and will be represented by a one or more global Securities (each, a "**Regulation S Global Security**") issued and deposited with a common depository on behalf of Clearstream, Luxembourg and Euroclear and/or any other relevant clearing system. In the event that the Final Terms does not specify that Securities are eligible for sale within the United States or to U.S. persons, the Securities offered and sold outside the United States to non-U.S. persons may not be legally or beneficially owned at any time by any U.S. person and will be represented by a Clearing System Global Security or a Registered Global Security, as the case may be.

As part of the initial distribution of the Securities of each Series which constitute Secured Securities, such Securities may not be purchased by any person except for persons that are not "U.S. persons" as defined in the U.S. Risk Retention Rules, or "**Risk Retention U.S. Persons**" except to the extent permitted under an exemption to the U.S. Risk Retention Rules as described under "Offering and Sale" on page 1423. "**U.S. Risk Retention Rules**" means Regulation RR (17 C.F.R. Part 246) implementing the risk retention requirements of Section 15G of the U.S. Securities Exchange Act of 1934, as amended. Prospective investors should note that, although the definition of "U.S. person" in the U.S. Risk Retention Rules is very similar to the definition of "U.S. person" in Regulation S, there are substantial differences between the two definitions and that persons who are not "U.S. persons" under Regulation S may be "U.S. persons" under the U.S. Risk Retention Rules.

### Applicable Final Terms

The Final Terms will contain the information items permitted under Article 26(2) and 26(3) of Commission Delegated Regulation (EU) No 2019/980 of 14 March 2019 (the "**Prospectus Delegated Regulation**").

**DESCRIPTION OF BNPP B.V.**

**1. Name, registered office and date of incorporation**

- (a) The legal and commercial name of the Issuer is BNP Paribas Issuance B.V.
- (b) BNPP B.V. is a limited liability company under Dutch law ("*besloten vennootschap met beperkte aansprakelijkheid*"), having its registered office at Herengracht 595, 1017 CE Amsterdam, The Netherlands. BNPP B.V. is incorporated in The Netherlands and registered with the Commercial Register in The Netherlands under number 33215278 (telephone number: + 31 (0)88 738 0000). The legal entity identifier (LEI) of BNPP B.V. is 7245009UXRIGIRYOBR48.
- (c) BNPP B.V. was incorporated on 10 November 1989 with unlimited duration.
- (d) There have been no recent events particular to BNPP B.V. that are to a material extent relevant to the evaluation of BNPP B.V.'s solvency.
- (e) BNPP B.V.'s long term credit rating is A+ with a stable outlook (S&P Global Ratings Europe Limited) and BNPP B.V.'s short term credit rating is A-1 (S&P Global Ratings Europe Limited).
- (f) There has been no material change in the borrowing and funding structure of BNPP B.V. within the last 12 months.
- (g) BNPP B.V. expects to finance its activities by issuing notes, warrants and certificates under the securities programmes pursuant to which it may act as an issuer and/or by entering into hedging agreements with BNPP and its affiliates.

**2. Business Overview**

- (a) BNPP B.V.'s objects (as set out in Article 3 of its Articles of Association) are:
  - (i) to borrow, lend out and collect monies, including but not limited to the issue or the acquisition of debentures, debt instruments, financial instruments such as, among others, notes, warrants and certificates of any nature, with or without indexation based on, inter alia, shares, baskets of shares, stock exchange indices, currencies, commodities or futures on commodities, and to enter into related agreements;
  - (ii) to finance enterprises and companies;
  - (iii) to establish and to in any way participate in, manage and supervise enterprises and companies;
  - (iv) to offer advice and to render services to enterprises and companies with which the company forms a group of companies, and to third parties;
  - (v) to grant security, to bind the company and to encumber assets of the company for the benefit of enterprises and companies with which the company forms a group of companies, and of third parties;
  - (vi) to acquire, manage, exploit and dispose of registered property and asset value in general;
  - (vii) to trade in currencies, securities and asset value in general;
  - (viii) to exploit and trade in patents, trademark rights, licences, know-how and other industrial rights of ownership;
  - (ix) to engage in industrial, financial and commercial activities of any nature, and

## DESCRIPTION OF BNPP B.V.

all other things as may be deemed incidental or conducive to the attainment of the above objects, in the broadest sense of the word.

- (b) BNPP B.V. competes with other issuers in the issuance of financial instruments and securities.
- (c) BNPP B.V. is a BNP Paribas Group issuance vehicle, specifically involved in the issuance of structured securities, which are developed, setup and sold to investors by other companies in the group. The securities are hedged by matching derivative contracts and/or collateral contracts with BNP Paribas Arbitrage S.N.C. or BNP Paribas SA. Given the function of BNPP B.V. within the BNP Paribas Group and its asset and liabilities structure, the company generates a limited profit.
- (d) The securities issued by BNPP B.V. are sold to institutional clients, retail and high net worth individuals in Europe, Africa, Asia and Americas, either directly by BNP Paribas or through third party distributors.

### 3. Trend Information

Due to BNPP B.V.'s dependence upon BNPP, its trend information is the same as that for BNPP set out on pages 157 to 160 and 669 of the BNPP 2021 Universal Registration Document (in English).

### 4. Share capital

The issued share capital is EUR45,379, divided in 45,379 shares of EUR1 each.

All shares are ordinary registered shares and fully paid up and no share certificates have been issued. 100 per cent. of the share capital is held by BNP Paribas.

### 5. Management

#### 5.1 Management Board

The management of BNPP B.V. is composed of a Management Board with one or several members appointed by the general meeting of shareholders.

On 31 January 2016, BNP Paribas appointed as sole member of the Management Board BNP Paribas Finance B.V., a company established and existing under the laws of The Netherlands, with its registered office at Herengracht 595, 1017 CE Amsterdam, the Netherlands. Edwin Herskovic, Erik Stroet, Folkert van Asma, Richard Daelman, Geert Lippens and Matthew Yandle as Directors of BNP Paribas Finance B.V. have the power to take all necessary measures in relation to the issue of securities of BNPP B.V.

#### 5.2 Duties of the Management Board

Within the limits of the constitutional documents, the Management Board is responsible for the management of BNPP B.V.

### 6. Accounts

#### 6.1 Drawing up of annual accounts

The financial year is the calendar year.

#### 6.2 Adoption of annual accounts

The general meeting of shareholders adopts the annual accounts.

**7. Material Investments**

BNPP B.V. has made no material investments since the date of its last published financial statements other than those related to the issue of securities and its Management Board has made no firm commitments on such material investments in the future.

**8. Organisational Structure**

BNPP B.V. is a wholly owned subsidiary of BNP Paribas.

BNPP B.V. is dependent upon BNP Paribas in that BNP Paribas develops and markets the Securities, hedges its market, credit and liquidity risks and guarantees the obligations of BNPP B.V. for any issuance of its securities towards investors.

**9. Administrative, Management, and Supervisory Bodies**

**9.1 Names, Business Addresses, Functions and Principal Outside Activities**

The names, functions and principal activities performed by it outside BNPP B.V. which are significant with respect to the only director of BNPP B.V. are:

<b>Name</b>	<b>Function</b>	<b>Principal Outside Activities</b>
BNP Paribas Finance B.V.	Managing Director	The facilitation of secondary debt transactions and trading on behalf of the BNP Paribas Group

**9.2 Administrative, Management, and Supervisory Bodies Conflicts of Interests**

The above-mentioned member of the Management Board of BNPP B.V. does not have potential conflicts of interests, material to the issue of the Securities, between any duties to BNPP B.V. and its interests or other duties.

**10. Board Practices**

**10.1 Audit Committee**

BNPP B.V. does not itself have an audit committee. However, BNPP B.V. is part of the BNP Paribas Group which divides the audit responsibility to review the annual consolidated financial statements of BNP Paribas between a Financial Statement Committee and an Internal Control and Risks Committee.

**10.2 Corporate Governance**

The Dutch Corporate Governance Code of 8 December 2016 only applies to listed companies. The shares of BNPP B.V. are not listed and therefore the code does not apply. Accordingly, BNPP B.V. is not required to make any disclosure regarding compliance with the code.

**11. Historical Financial Information Concerning BNPP B.V.'s Assets and Liabilities, Financial Position and Profits and Losses**

**BALANCE SHEET IN SUMMARY**  
(before appropriation of the net result)

# DESCRIPTION OF BNPP B.V.

	<b>31.12.2021</b>	<b>31.12.2020</b>
	<b>(audited)</b>	<b>(audited)</b>
	EUR	EUR
<b>Financial fixed assets</b>	67,572,517,350	55,539,412,782
<b>Current assets</b>	19,504,841,805	14,082,900,427
<b>TOTAL ASSETS</b>	87,077,359,155	<b>69,622,313,210</b>
<b>Shareholder's equity</b>	651,937	618,042
<b>Long term liabilities</b>	67,572,517,350	55,539,412,782
<b>Current liabilities</b>	19,504,189,868	14,082,282,386
<b>TOTAL EQUITY AND LIABILITIES</b>	87,077,359,155	<b>69,622,313,210</b>

## PROFIT AND LOSS ACCOUNT in summary

	<b>2021</b>	<b>2020</b>
	<b>(audited)</b>	<b>(audited)</b>
	EUR	EUR
Income including interest received	439,575	560,554
Costs, including interest paid and the tax charge	405,680	518,071
<b>Profit after taxation</b>	<b>33,895</b>	<b>42,483</b>

## CASH FLOW STATEMENT in summary

	<b>2021</b>	<b>2020</b>
	<b>(audited)</b>	<b>(audited)</b>
	EUR	EUR
Cash flow from operating activities	622,151	(563,228)
Cash flow from financing activities	0	0
<b>Increase/Decrease cash at banks</b>	<b>622,151</b>	<b>(563,228)</b>
<b>Cash at bank at 31 December</b>	<b>785,492</b>	<b>163,341</b>



**DESCRIPTION OF BNPP**

A description of BNPP can be found on pages 4 to 6 of the BNPP 2021 Universal Registration Document (in English) which is incorporated by reference herein.

## **BOOK-ENTRY CLEARANCE SYSTEMS**

The information set out below is subject to any change in or reinterpretation of the rules, regulations and procedures of DTC, Clearstream, Luxembourg, Euroclear, Euroclear France, Clearstream, Frankfurt, Iberclear or Monte Titoli (together, the "**Clearing Systems**") currently in effect and subject as provided in the applicable Final Terms. Investors wishing to use the facilities of any of the Clearing Systems are advised to confirm the continued applicability of the rules, regulations and procedures of the relevant Clearing System. None of BNPP B.V., BNPP nor any agent party to the Agency Agreement will have any responsibility or liability for any aspect of the records relating to or payments or deliveries made on account of beneficial ownership interests in the Securities held through the facilities of any Clearing System or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests.

## **BOOK-ENTRY SYSTEMS**

### ***DTC***

DTC has advised BNPP that it is a limited purpose trust company organised under the New York Banking Law, a banking organisation within the meaning of the New York Banking Law, a clearing corporation within the meaning of the New York Uniform Commercial Code and a clearing agency registered pursuant to Section 17A of the Exchange Act. DTC holds securities that its participants ("**Direct Participants**") deposit with DTC. DTC also facilitates the settlement among Direct Participants of securities transactions, such as transfers and pledges, in deposited securities through electronic computerised book-entry changes in Direct Participants accounts, thereby eliminating the need for physical movement of securities certificates. Direct Participants include securities brokers and dealers, banks, trust companies, clearing corporations and certain other organisations. DTC is owned by a number of its Direct Participants and by the New York Stock Exchange, Inc., the American Stock Exchange, Inc. and the Financial Industry Regulatory Authority, Inc., Access to the DTC system is also available to others such as securities brokers and dealers, banks and trust companies that clear through or maintain a custodial relationship with a Direct Participant, either directly or indirectly ("**Indirect Participants**").

Under the rules, regulations and procedures creating and affecting DTC and its operations (the "**Rules**"), DTC makes book-entry transfers of Securities represented by Rule 144A Global Securities held by a Custodian on behalf of DTC among Direct Participants on whose behalf it acts with respect to Securities accepted into DTC's book-entry settlement system ("**DTC Securities**") as described below and receives and transmits payments on DTC Securities. The Rules are on file with the Securities and Exchange Commission. Direct Participants and Indirect Participants with which beneficial owners of DTC Securities ("**Beneficial Owners**") have accounts with respect to the DTC Securities similarly are required to make book-entry transfers and receive and transmit such payments on behalf of their respective Beneficial Owners. Accordingly, although Beneficial Owners who hold DTC Securities through Direct Participants or Indirect Participants will not possess definitive Securities, the Rules, by virtue of the requirements described above, provide a mechanism by which Direct Participants will receive payments and will be able to transfer their interest in respect of the DTC Securities.

Purchases of DTC Securities under the DTC system must be made by or through Direct Participants, which will receive a credit for the DTC Securities on DTC's records. The ownership interest of each Beneficial Owner is in turn to be recorded on the Direct and Indirect Participant's records. Beneficial Owners will not receive written confirmation from DTC of their purchase, but Beneficial Owners are expected to receive written confirmations providing details of the transaction, as well as periodic statements of their holdings, from the Direct Participant or Indirect Participant through which the Beneficial Owner entered into the transaction. Transfers of ownership interests in the DTC Securities are to be accomplished by entries made on the books of Direct Participants or Indirect Participants acting on behalf of Beneficial Owners. Beneficial Owners will not receive certificates representing their ownership interests in DTC Securities, except in the event that use of the book-entry system for the DTC Securities is discontinued.

To facilitate subsequent transfers, all DTC Securities deposited by Direct Participants with DTC are registered in the name of DTC's partnership nominee, Cede & Co., or any other nominee as may be requested by an authorised

representative of DTC. The deposit of DTC Securities with DTC and their registration in the name of Cede & Co. or any other nominee effect no change in beneficial ownership. DTC has no knowledge of the actual Beneficial Owners of the DTC Securities; DTC's records reflect only the identity of the Direct Participants to whose accounts such DTC Securities are credited, which may or may not be the Beneficial Owners. The Direct and Indirect Participants will remain responsible for keeping account of their holdings on behalf of their customers.

Conveyance of notices and other communications by DTC to Direct Participants, by Direct Participants to Indirect Participants, and by Direct Participants and Indirect Participants to Beneficial Owners will be governed by arrangements among them, subject to any statutory or regulatory requirements as may be in effect from time to time.

***Clearstream, Luxembourg, Euroclear and Clearstream, Frankfurt***

Clearstream, Luxembourg, Euroclear and Clearstream, Frankfurt each hold securities for their customers and facilitate the clearance and settlement of securities transactions by electronic book-entry transfer between their respective account holders. Clearstream, Luxembourg, Euroclear and Clearstream, Frankfurt provide various services including safekeeping, administration, clearance and settlement of internationally traded securities and securities lending and borrowing. Clearstream, Luxembourg, Euroclear and Clearstream, Frankfurt also deal with domestic securities markets in several countries through established depositary and custodial relationships. Clearstream, Luxembourg, Euroclear and Clearstream, Frankfurt have established an electronic bridge between their two systems across which their respective participants may settle trades with each other.

Clearstream, Luxembourg, Euroclear and Clearstream, Frankfurt customers are worldwide financial institutions, including underwriters, securities brokers and dealers, banks, trust companies and clearing corporations. Indirect access to Clearstream, Luxembourg, Euroclear and Clearstream, Frankfurt is available to other institutions that clear through or maintain a custodial relationship with an account holder of either system.

***Euroclear France***

Euroclear France holds securities for its customers and facilitates the clearance and settlement of securities transactions by electronic book-entry transfer between its respective account holders. Customers of Euroclear France are worldwide financial institutions, including underwriters, securities brokers and dealers, banks, trust companies and clearing corporations.

***Euroclear Finland***

Euroclear Finland Ltd. is a Finnish private limited liability company which manages account operations and clearing activities for the Finnish financial market. Euroclear Finland is an authorised central securities depositary pursuant to regulation (EU) No 909/2014 and the Finnish Act on the Book-Entry System and Clearing (*Fin. laki arvo-osuusjärjestelmästä ja selvitystoiminnasta* (348/2017)) and is acting under the supervision of the Finnish Financial Supervisory Authority (*Fin. Finanssivalvonta*). Euroclear Finland is owned by Euroclear SA/NV.

In order to effect entries in the Finnish book-entry securities system, a holder of securities or such holder's nominee must establish a book-entry account with Euroclear Finland or with a licensed account operator or register its securities through nominee registration. Each book-entry account must give the particulars of the account holder and other holders of rights to the book-entries in the account or of the manager of a nominee registration who manages the assets in the nominee-registered account, as well as information on the account operator for the account. The required information includes the type and number of the book-entry securities registered in the account as well as the rights and restrictions pertaining to the account and the book-entries. Any nominee-registered account must be identified when making entries in the account.

In conjunction with an issue of securities to be registered in the Euroclear Finland System (subject to certain exemptions), the relevant Issuer must engage a financial institution authorised by Euroclear Finland to operate as an issuer agent. The

issuer agent is responsible for ensuring that the instructions received from the relevant Issuer with respect to the issue are duly registered. The issuer agent will be authorised to act on behalf of the relevant Issuer in dealings with Euroclear Finland.

### ***Euroclear Sweden***

Euroclear Sweden AB ("**Euroclear Sweden**") is a Swedish private limited liability company which manages account operations and clearing activities for the Swedish financial market. Euroclear Sweden is an authorised central securities depository pursuant to the Swedish Central Securities Depositories and Financial Instruments Accounts Act (*Sw. Lag (1998: 1479) om värdepapperscentraler och kontoföring av finansiella instrument*)) and is acting under the supervision of the Swedish Financial Supervisory Authority (*Sw. Finansinspektionen*). Euroclear Sweden is owned by Euroclear S.A.

For each Security issued through Euroclear Sweden, a so called CSD register (*Sw. avstämningsregister*) (a "**CSD Register**") is created. The CSD Register will consist of a number of accounts, one for each holder of the Security in question. Such account is opened by the holder in person or by a nominee (*Sw. förvaltare*) on behalf of the holder. Title to a registered Security is transferred through registration in the system operated by Euroclear Sweden (the "**VPC System**").

In conjunction with an issue of securities to be registered in the VPC System, the relevant Issuer must engage a financial institution authorised by Euroclear Sweden to operate as an issuer agent. The issuer agent is responsible for ensuring that the instructions received from the relevant Issuer with respect to the issue are duly registered. The issuer agent will be authorised to act on behalf of the relevant Issuer in dealings with Euroclear Sweden.

### ***Iberclear***

"Sociedad de Gestión de los Sistemas de Registro, Compensación y Liquidación de Valores, S.A. Unipersonal" – whose commercial name is Iberclear – is the Spanish Central Securities Depository. Iberclear is set up as a company as stated in article 44 bis of the "Stock Market" Law 24/1988, 28 July (article introduced by Section Two of Article 1 of the Reform Measures of the Financial System Law 44/2002, 22 November). Article "44" bis of Law 24/1988 dated 28 July assigns Iberclear the right of all functions as indicated in the legal regulations containing its legal regime, in accordance with the following: (a) to maintain the Securities Registry by means of book-entry form of all eligible securities listed on the Spanish Stock Exchanges and the Public Debt Market as well as the securities listed on other secondary markets when requested by the appropriate governing bodies; (b) to manage the settlement, and when appropriate, the clearing of securities and money resulting from those trades settled on the Stock Exchanges, Public Debt Market and, when appropriate, the secondary markets; (c) to provide technical and operational services directly related to the Registering, Clearing and Settlement of securities which allows Iberclear to collaborate in, or co-ordinate with, other services related to Registering, Clearing and Settlement of securities as well as allowing it to participate in them; and (d) anything else that the Government entrusts to Iberclear provided permission has been first sought from the market supervisory bodies, be it the CNMV (*Comisión Nacional del Mercado de Valores*) or the Banco de España.

### ***Monte Titoli***

Monte Titoli S.p.A. has been authorised to operate the settlement services by the Bank of Italy, which directly managed a securities settlement procedure in the past.

The Centralised Administration Service is carried out by Monte Titoli as the sole Italian Central Securities Depository.

Any type of non-derivative financial instrument, whether Italian or foreign, can be admitted to Monte Titoli's system and registered by means of book entries without any physical movement and with high standards of security and efficiency.

Nearly all the centralised securities are booked in dematerialised form. Financial instruments that still exist in paper form are represented by global or jumbo certificates.

Both Italian and non-resident intermediaries, issuers, or clearing and settlement institutions may participate in Monte Titoli's Centralised Administration Service.

***Euroclear UK & Ireland Limited***

**CREST Dematerialised Securities**

CREST Dematerialised Securities will be issued and held in registered, uncertificated form in accordance with the Uncertificated Securities Regulations 2001, including any modification or re-enactment thereof from time to time (the "**Uncertificated Securities Regulations**"), and as such are dematerialised securities and not constituted by any physical document of title. CREST Dematerialised Securities are participating securities for the purposes of the Uncertificated Securities Regulations. Title to the CREST Dematerialised Securities is recorded on the relevant operator register of eligible debt securities. The Operator is Euroclear UK & Ireland Limited.

The Euroclear Registrar on behalf of BNPP B.V. as Issuer will maintain a record of uncertificated eligible debt securities (the "**Record**") in relation to the CREST Dematerialised Securities and will procure that the Record is regularly updated to reflect the Operator register of eligible debt securities in accordance with the rules of the Operator. Subject to this requirement, (i) each person who is for the time being shown in the Record as the holder of a particular number of CREST Dematerialised Securities shall be treated by BNPP B.V. as Issuer, BNPP as Guarantor, the Euroclear Registrar and any other person as the holder of such number of CREST Dematerialised Securities for all purposes (and the expressions "**Holder**" and "**Holder of Securities**" and related expressions in the context of CREST Dematerialised Securities shall be construed accordingly), and (ii) none of BNPP B.V. as Issuer, BNPP as Guarantor, the Euroclear Registrar and any other person shall be liable in respect of any act or thing done or omitted to be done by it or on its behalf in reliance upon the assumption that the particulars entered in the Record which the Euroclear Registrar maintains are in accordance with particulars entered in the Operator register of eligible debt securities relating to the CREST Dematerialised Securities.

**CREST Depository Interests**

If the applicable Final Terms specify that the Securities will be accepted for settlement in CREST via the CREST Depository Interest mechanism, indirect interests in Securities will be accepted for settlement through CREST. Following their delivery into a clearing system, interests in the relevant Securities may be delivered, held and settled in CREST by means of the creation of CDIs representing the interests in the relevant Securities. The CDIs will be issued by the CREST Depository to CDI Holders and will be governed by English Law.

The CDIs will represent indirect interests in the interest of the CREST Nominee in the relevant Securities. Pursuant to the documents setting out the legal relationship of CREST with its users and participants (the "**CREST Manual**"), Securities held in global form by a common depository may be settled through CREST and the CREST Depository will issue CDIs. The CDIs will be independent securities, constituted under English law, which may be held and transferred through CREST.

Interests in the relevant Securities will be credited to the CREST Nominee's account with Euroclear and the CREST Nominee will hold such interests as nominee for the CREST Depository which will issue CDIs to the relevant CREST participants.

Each CDI will be treated by the CREST Depository as if it were a relevant Security for the purposes of determining all rights and obligations and all amounts payable in respect thereof. The CREST Depository will pass on to CDI Holders any interest or other amounts received by it as holder of the relevant Securities on trust for such CDI Holder. CDI Holders will also be able to receive from the CREST Depository notices of meetings of Holders of the relevant Securities and other relevant notices issued by the relevant Issuer or the Guarantor (if applicable).

The CDIs will have the same ISIN as the ISIN of the relevant Securities and if listed do not require a separate listing. Prospective subscribers for Securities represented by CDIs are referred to Chapter 8 of the CREST International Manual (as defined below) which contains the form of the CREST Global Deed Poll (the "**CREST Deed Poll**") to be entered into by the CREST Depository. The rights of the CDI Holders will be governed by the arrangements between CREST, Euroclear, Clearstream, Luxembourg, the relevant Issuer and the Guarantor (if applicable), including the CREST Deed Poll. These rights may be different from those of Holders of Securities which are not represented by CDIs.

CDIs will be delivered, held and settled in CREST, by means of the CREST International Settlement Links Service (the "**CREST International Settlement Links Service**"). The settlement of the CDIs by means of the CREST International Settlement Links Service has the following consequences for CDI Holders:

- (a) CDI Holders will not be the legal owners of the relevant Securities. The CDIs are separate legal instruments from such Securities and represent an indirect interest in such Securities.
- (b) The relevant Securities themselves (as distinct from the CDIs representing indirect interests in such Securities) will be held in an account with a custodian. The custodian will hold the relevant Securities through a clearing system.
- (c) Rights under the relevant Securities cannot be enforced by CDI Holders except indirectly through the intermediary depositories and custodians described above.
- (d) The CDIs issued to CDI Holders will be constituted and issued pursuant to the CREST Deed Poll. CDI Holders will be bound by all provisions of the CREST Deed Poll and by all provisions of, or prescribed pursuant to, the CREST International Manual dated 8 December 2020, as amended, modified, varied or supplemented from time to time (the "**CREST International Manual**") and the CREST Rules dated 15 January 2021, as amended, modified, varied or supplemented from time to time (the "**CREST Rules**") (which, in each case, form part of the CREST Manual) and CDI Holders must comply in full with all obligations imposed on them by such provisions.
- (e) Potential investors should note that the provisions of the CREST Deed Poll, the CREST International Manual and the CREST Rules contain indemnities, warranties, representations and undertakings to be given by CDI Holders and limitations on the liability of the relevant Issuer and the Guarantor (if applicable) and the CREST Depository.
- (f) CDI Holders may incur liabilities resulting from a breach of any such indemnities, warranties, representations and undertakings in excess of the money invested by them. The attention of potential investors is drawn to the terms of the CREST Deed Poll, the CREST International Manual and the CREST Rules, copies of which are available from CREST at 33 Cannon Street, London EC4M 5SB or by calling +44 (0) 20 7849 0000 or from the CREST website at [www.euroclear.com/site/public/EUI](http://www.euroclear.com/site/public/EUI).
- (g) Potential investors should note CDI Holders may be required to pay fees, charges, costs and expenses to the CREST Depository in connection with the use of the CREST International Settlement Links Service. These will include the fees and expenses charged by the CREST Depository in respect of the provision of services by it under the CREST Deed Poll and any taxes, duties, charges, costs or expenses which may be or become payable in connection with the holding of the CDIs through the CREST International Settlement Links Service.
- (h) Potential investors should note that none of the relevant Issuer, the Guarantor (if applicable), any Manager, any Security Agent or any Registrar will have any responsibility for the performance by any intermediaries or their respective direct or indirect participants or accountholders of their respective obligations under the rules and procedures governing their operations.

**VPS Norway**

*Verdipapirsentralen ASA*, a wholly-owned subsidiary of Euronext Nordics Holding AS, is a Norwegian public limited company, which is licensed to register financial instruments in Norway in accordance with the Norwegian Securities Register Act. The Norwegian Securities Register Act requires that bonds issued by Norwegian issuers shall be registered in a central securities depository licensed in accordance with Regulation (EU) No 909/2014, such as the VPS Norway System, except bonds issued by Norwegian issuers outside Norway and (A) denominated in Norwegian kroner with subscription limited to non-Norwegian tax residents only or (B) denominated in a currency other than Norwegian kroner. Further, bonds issued by foreign issuers shall be registered in a central securities depository licensed in accordance with Regulation (EU) 909/2014, such as the VPS Norway System if the bonds are denominated in NOK and offered to investors in Norway. Other financial instruments than those mentioned above may also be registered with the VPS Norway System.

VPS Norway is a paperless securities registry and registration of ownership, transfer and other rights to financial instruments are evidenced by book entries in the registry. Any issuer of securities to be registered in the VPS Norway System will be required to have an account (an issuer's account) where all such securities are registered in the name of the holder and each investor is required to have her/his own account (an investor's account) showing such person's holding of securities registered in the VPS Norway System at any time. Both the issuer and the investor will, for the purposes of registration in the VPS Norway System, have to appoint an account operator, which will normally be a Norwegian bank or a Norwegian investment firm.

It is possible for investors to register a holding of securities registered in the VPS Norway System through a nominee approved by the Norwegian Financial Supervisory Authority (*Finanstilsynet*). However, Norwegian investors may not register holdings of shares issued by Norwegian public or private limited companies through a nominee.

**KDPW Poland and KDPW Poland CCP**

The Polish National Depository for Securities (*Krajowy Depozyt Papierów Wartościowych S.A.*, "**KDPW Poland**") manages and supervises the depository-settlement system in relation to trading in financial instruments in Poland. It is also responsible for clearing transactions entered into on the regulated market, MTF or OTF in Poland.

All securities admitted to trading on the regulated market in Poland must be dematerialised and registered with KDPW Poland, except for treasury bills, where custody, clearing and settlement takes place in systems maintained by the National Bank of Poland (the "**NBP**"). For the purposes of dematerialisation, an issuer of securities must enter into an agreement with KDPW Poland on registering such securities in the depository for securities maintained by KDPW Poland.

KDPW Poland transferred to its subsidiary, KDPW CCP S.A. ("**KDPW Poland CCP**"), its responsibilities relating to the clearing of transactions involving dematerialised securities and the clearing of transactions involving other financial instruments, as well as the operation of a system ensuring the liquidity of settlements, including a settlement guarantee system for transactions executed on the regulated market.

Transactions involving dematerialised securities admitted to trading on a regulated market are cleared by KDPW Poland CCP and settled by KDPW Poland as settlement agent. The clearing of transactions in dematerialised securities involves a specification of the amount of cash and non-cash consideration derived from the transactions entered into, based on the adopted clearing method, to which the parties to the clearing are obliged or entitled. To perform the obligations of the parties to the transactions, KDPW Poland is responsible for settling transactions in dematerialised securities by debiting or crediting deposit accounts, collective accounts or securities accounts (as applicable) with reference to the disposal or acquisition of the underlying securities and, under amounts due in settlement, crediting or debiting the bank account or other cash account specified by the parties to the transaction or settlement.

Rights in dematerialised securities arise when the securities are first recorded in a securities account and are vested in the holder of the account. In the case of securities recorded in omnibus accounts, the rights in such securities are not vested

in the omnibus account holder. In Poland, the holder of the rights to securities recorded in an omnibus account is the person indicated to the entity keeping such account in a notice served by the account holder. Investment firms or banks who are members of the KDPW Poland System and have open accounts with KDPW Poland must ensure that any dematerialised securities transferred to their KDPW Poland account are properly recorded in the securities accounts or omnibus accounts which they keep for their clients (account holders).

**Book-entry Ownership of and Payments in respect of DTC Securities**

If a Rule 144A Global Security is to be registered in the name of a nominee of DTC, the relevant Issuer will apply to DTC in order to have the Securities represented by such Rule 144A Global Security accepted in its book-entry settlement system. Upon the issue of any Rule 144A Global Security to be held by a Custodian on behalf of DTC, DTC or the Custodian will credit, on its internal book-entry system, the respective nominal amounts of the individual beneficial interests represented by such Rule 144A Global Security to the accounts of the relevant Direct Participants. Ownership of beneficial interests in any such Rule 144A Global Security will be limited to Direct Participants or Indirect Participants, including the respective depositaries of Clearstream, Luxembourg, Euroclear and any other clearing systems as may be applicable. Ownership of beneficial interests in any such Rule 144A Global Security held by a Custodian on behalf of DTC will be shown on, and the transfer of such ownership will be effected only through, records maintained by DTC or its nominee (with respect to the interests of Direct Participants) and the records of Direct Participants (with respect to interests of Indirect Participants).

Payments in U.S. dollars in respect of a Rule 144A Global Security registered in the name of DTC's nominee will be made to the New York Agent to the order of such nominee as the registered Holder. In the case of any payment in a currency other than U.S. dollars, payment will be made to the New York Agent on behalf of DTC's nominee and the New York Agent will (in accordance with instructions received by it) remit all or a portion of such payment for credit directly to the beneficial Holders of interests in the Rule 144A Global Security held by a Custodian on behalf of DTC in the currency in which such payment was made and/or cause all or a portion of such payment to be converted into U.S. dollars and credited to the applicable Direct Participants' account, provided that (a) the New York Agent shall not be obligated to convert any currency whose conversion the New York Agent in its sole discretion, deems impracticable, and (b) the New York Agent has received notice by 11:00 a.m. two Business Days prior to the Redemption Date or Interest Payment Date, as the case may be, of the currency and the amount thereof to be converted into U.S. dollars. Conversion of a currency other than U.S. dollars into U.S. dollars will be carried out by the New York Agent based on the actual exchange rate received in the currency conversion, which will occur at the New York Agent's bid quotation for U.S. dollars at or prior to 11:00 a.m. on the Redemption Date or Interest Payment Date, as the case may be. The costs of conversion will be deducted from the amount of the payment credited to the applicable Participants' account. Except in the case of its gross negligence or wilful misconduct, the New York Agent shall not be liable to any holder of Securities for any delay in conversion or for any amounts in excess of the amounts actually received by it upon conversion of a currency other than U.S. dollars into U.S. dollars, or for its inability to convert any such currency into U.S. dollars at a commercially reasonable rate or at any rate.

BNPP expects that payments by Direct Participants to Beneficial Owners of Securities will be governed by standing instructions and customary practices, as is the case with securities held for the accounts of customers, and will be the responsibility of such Direct Participant and not the responsibility of DTC, any Certificate Agent or BNPP. Payments on Securities to DTC is the responsibility of BNPP.

**Transfers of Securities Represented by Global Securities**

Transfers of any interests in Securities represented by a Global Security within DTC, Clearstream, Luxembourg, Euroclear, Euroclear France, and/or any other clearing systems as may be applicable will be effected in accordance with the customary rules and operating procedures of the relevant clearing system. The laws in some states within the United States require that certain persons take physical delivery of securities in definitive form. Consequently, the ability to



## BOOK-ENTRY SYSTEMS

transfer Securities represented by a Global Security to such persons may depend upon the ability to exchange such Securities for Securities in definitive form. Similarly, because DTC can only act on behalf of Direct Participants in the DTC system who in turn act on behalf of Indirect Participants, the ability of a person having an interest in Securities represented by a Rule 144A Global Security held by a Custodian on behalf of DTC to pledge such Securities to persons or entities that do not participate in the DTC system or otherwise to take action in respect of such Securities may depend upon the ability to exchange such Securities for Securities in definitive form. The ability of any person having a beneficial interest in Securities represented by a Rule 144A Global Security held by a Custodian on behalf of DTC to resell, pledge or otherwise transfer such Securities may be impaired if the proposed transferee of such Securities is not eligible to hold such Securities through a Direct Participant or Indirect Participant in the DTC system.

Subject to compliance with the transfer restrictions applicable to Rule 144A Global Securities described under "Notice to Purchasers and Holders of U.S. Securities and Transfer Restrictions", crossmarket transfers between DTC, on the one hand, and direct or indirect account holders of Clearstream, Luxembourg, Euroclear or any other clearing systems as may be applicable, on the other, will be effected by the relevant Clearing System in accordance with its rules and through action taken by the relevant Agent and any custodian with whom the relevant Global Securities have been deposited.

On or after the issue date for any Securities, transfers of such Securities between account holders in Clearstream, Luxembourg, Euroclear and/or any other clearing system as may be applicable and transfers of such Securities between Direct Participants in DTC will generally have a settlement date two business days after the trade date (T+2). The customary arrangements for delivery versus payment may apply to such transfers.

For cross-market transfers between account holders in Clearstream, Luxembourg or Euroclear, DTC and/or any other clearing system as may be applicable, participants will need to have an agreed settlement date between the parties to such transfer. Because there is no direct link between DTC, on the one hand, and Clearstream, Luxembourg or Euroclear, on the other, transfers of interests in the relevant Global Securities will be effected through the relevant Agent receiving instructions (and where appropriate certification) from the transferor and arranging for delivery of the interests being transferred to the credit of the designated account for the transferee. In the case of cross-market transfers, settlement between Clearstream, Luxembourg, Euroclear and/or any other clearing systems as may be applicable accountholders and Direct Participants cannot be made on a delivery versus payment basis. The securities will be delivered on a free delivery basis and arrangements for payment must be made separately.

DTC, Clearstream, Luxembourg, Euroclear and any other clearing system as may be applicable have each published rules and operating procedures designed to facilitate transfers of beneficial interests in Global Securities among participants and accountholders of DTC, Clearstream, Luxembourg, Euroclear and any other clearing systems as may be applicable. However, they are under no obligation to perform or continue to perform such procedures, and such procedures may be discontinued or changed at any time. None of the Issuers, any Agent will be responsible for any performance by DTC, Clearstream, Luxembourg, Euroclear or any other clearing system as may be applicable or their respective direct or indirect participants or accountholders of their respective obligations under the rules and procedures governing their operations and none of them will have any liability for any aspect of the records relating to or payments made on account of beneficial interests in the Securities represented by Global Securities or for maintaining, supervising or reviewing any records relating to such beneficial interests.

## TAXATION

Tax legislation, including in the country where the investor is domiciled or tax resident and in the Issuer's country of incorporation, may have an impact on the income that an investor receives from the Securities.

Potential purchasers and sellers of Securities should be aware that they may be required to pay stamp and other taxes or documentary charges in accordance with the laws and practices of the country where the Securities are transferred and/or any asset(s) are delivered.

*EU financial transaction tax*

On 14 February 2013, the European Commission issued proposals, including a draft Directive (the "**Commission's proposal**"), for a financial transaction tax ("**FTT**") to be adopted in certain participating EU member states (including Belgium, Germany, Estonia, Greece, Spain, France, Italy, Austria, Portugal, Slovenia and Slovakia). However, Estonia has since stated that it will not participate. If the Commission's proposal was adopted, the FTT would be a tax primarily on "financial institutions" (which could include the Issuer) in relation to "financial transactions" (which would include the conclusion or modification of derivative contracts and the purchase and sale of financial instruments).

Under the Commission's proposal, the FTT could apply in certain circumstances to persons both within and outside of the participating member states. Generally, it would apply where at least one party is a financial institution, and at least one party is established in a participating member state. A financial institution may be, or be deemed to be, "established" in a participating member state in a broad range of circumstances, including (a) by transacting with a person established in a participating member state or (b) where the financial instrument which is subject to the financial transaction is issued in a participating member state.

The FTT may give rise to tax liabilities for the relevant Issuer with respect to certain transactions if it is adopted based on the Commission's proposal. Examples of such transactions are the conclusion of a derivative contract in the context of the relevant Issuer's hedging arrangements or the purchase or sale of securities (such as charged assets) or the exercise/settlement of a warrant. The relevant Issuer is, in certain circumstances, able to pass on any such tax liabilities to holders of the Securities and therefore this may result in investors receiving less than expected in respect of the Securities. It should also be noted that the FTT could be payable in relation to relevant transactions by investors in respect of the Securities (including secondary market transactions) if conditions for a charge to arise are satisfied and the FTT is adopted based on the Commission's proposal. Primary market transactions referred to in Article 5(c) of Regulation EC No 1287/2006 are expected to be exempt. There is however some uncertainty in relation to the intended scope of this exemption for certain money market instruments and structured issues.

However, the FTT proposal remains subject to negotiation between participating member states. It may therefore be altered prior to any implementation, the timing of which remains unclear. Additional EU member states may decide to participate and/or participating member states may decide to withdraw. Prospective holders of the Securities are advised to seek their own professional advice in relation to the FTT.

At the ECOFIN Council meeting of 14 June 2019, a state of play of the work on the FTT was presented on the basis of a note prepared by Germany on 7 June 2019 indicating a consensus among the participating member states (excluding Estonia) to continue negotiations on the basis of a joint French-German proposal based on the French financial transactions tax model which in principle would only concern shares of listed companies whose head office is in a member state of the European Union. However, such proposal is still subject to change until a final approval.

## **BELGIAN TAXATION**

*The following summary describes certain Belgian tax consequences with respect to the holding of the Certificates issued under this Base Prospectus and obtained by an investor pursuant to an offer in Belgium.*

*This information is of a general nature and does not purport to be a comprehensive description of all Belgian tax considerations that may be relevant to a decision to acquire, to hold and to dispose of the Certificates. In some cases, different rules may be applicable. Furthermore, the tax rules can be amended in the future, possibly with retroactive effect, and the interpretation of the tax rules may change.*

*This summary is based on the Belgian tax legislation, treaties, rules, and administrative interpretations and similar documentation, in force as of the date of this Base Prospectus, without prejudice to any amendments introduced at a later date, even if implemented with retroactive effect.*

*This summary does not describe the tax consequences for a holder of Certificates that are redeemable in exchange for, or convertible into shares, of the exercise, settlement or redemption of such Certificates and/or any tax consequences after the moment of exercise, settlement or redemption.*

*Each prospective holder of Certificates should consult a professional adviser with respect to the tax consequences of an investment in the Certificates taking into account the influence of each regional, local or national law.*

*For Belgian tax purposes, if interest is in a foreign currency, it is converted into euro on the date of payment or attribution.*

### **1. Income tax**

On 25 January 2013, the Belgian tax authorities issued a circular letter on the Belgian tax treatment of income from structured securities characterised by an uncertain return on investment due to the variation of the coupons or the repayment terms at maturity, such as securities whose return is linked to the performance of underlying products. According to the circular letter, the transfer of structured securities to a third party (other than the Issuer) results in taxation as interest income of the "pro rata interest", calculated based on a formula. In addition, any amount paid in excess of the initial issue price upon redemption or repayment of the structured securities is considered as interest for Belgian tax purposes. It is highly debatable whether the circular letter is in line with Belgian tax legislation. Furthermore, it is unclear whether the Belgian tax authorities will seek to apply the principles set out in the circular letter to Certificates issued pursuant to this Base Prospectus (the "**Structured Securities**").

It is assumed that any gains realised upon redemption or repayment by the Issuer will indeed be viewed as interest by the Belgian tax authorities (and any such gains are therefore referred to as "interest" for the purposes of the following paragraphs), but that the effective taxation of the "pro rata interest" in case of sale to a third party (i.e. other than the Issuer) would not be possible, on the basis that it is currently impossible to determine the amount of the "pro rata interest".

#### **1.1 Repayment or redemption by the Issuer**

##### **(i) Belgian resident individual investors**

Individuals who are holders of Structured Securities and who are Belgian residents for tax purposes, i.e. who are subject to Belgian personal income tax ("*Personenbelasting/Impôt des personnes physiques*"), are subject to the following tax treatment with respect to the Structured Securities in Belgium. Other rules may be applicable in special situations, in particular when individuals resident in Belgium acquire the Structured Securities for professional purposes or when their transactions with respect to the Structured Securities fall outside the scope of the normal management of their own private estate.

## BELGIAN TAXATION

Payments of interest (as defined by Belgian tax laws) on the Structured Securities made through a paying agent in Belgium will in principle be subject to a 30 per cent. withholding tax in Belgium (calculated on the interest received after deduction of any non-Belgian withholding taxes). The Belgian withholding tax constitutes the final income tax for Belgian resident individuals. This means that they do not have to declare the interest obtained on the Structured Securities in their personal income tax return, provided Belgian withholding tax was levied on these interest payments.

Nevertheless, Belgian resident individuals may elect to declare interest on the Structured Securities in their personal income tax return. Also, if the interest is paid outside Belgium without the intervention of a Belgian paying agent, the interest received (after deduction of any non-Belgian withholding tax) must be declared in the personal income tax return. Interest income which is declared this way will in principle be taxed at a flat rate of 30 per cent. (or at the relevant progressive personal income tax rate(s), taking into account the taxpayer's other declared income, whichever is more beneficial) and no local surcharges will be due. The Belgian withholding tax levied may be credited against the income tax liability.

### (ii) Belgian resident corporate investors

Corporations that are Belgian residents for tax purposes, i.e. that are subject to Belgian Corporate Income Tax ("*Vennootschapsbelasting/Impôt des sociétés*"), are subject to the following tax treatment with respect to the Structured Securities in Belgium.

Interest received by Belgian corporate investors on the Structured Securities will be subject to Belgian corporate income tax at the current ordinary corporate income tax rate of 25 per cent. (with a reduced rate of 20 per cent. applying to the first tranche of EUR 100,000 of taxable income of qualifying small companies). If the income has been subject to a foreign withholding tax, a foreign tax credit will be applied on the Belgian tax due. For interest income, the foreign tax credit is generally equal to a fraction where the numerator is equal to the foreign tax and the denominator is equal to 100 minus the rate of the foreign tax, up to a maximum of 15/85 of the net amount received (subject to some further limitations). Capital losses are in principle tax deductible.

Interest payments on the Structured Securities made through a paying agent in Belgium are in principle subject to a 30 per cent. withholding tax, but can under certain circumstances be exempt from Belgian withholding tax, provided that certain formalities are complied with. For zero or capitalisation bonds, an exemption will only apply if the Belgian company and the Issuer are associated companies within the meaning of article 105, 6° of the Royal Decree of 27 August 1993 implementing the Belgian Income Tax Code of 1992. The withholding tax that has been levied is creditable in accordance with the applicable legal provisions.

### (iii) Other Belgian legal entities

Non-corporate legal entities that are Belgian residents for tax purposes, i.e. that are subject to Belgian tax on legal entities ("*Rechtspersonenbelasting/Impôt des personnes morales*"), are subject to the following tax treatment with respect to the Structured Securities in Belgium.

Payments of interest on the Structured Securities made through a paying agent in Belgium will in principle be subject to a 30 per cent. withholding tax in Belgium and no further tax on legal entities will be due on the interest.

However, if the interest is paid outside Belgium without the intervention of a Belgian paying agent and without the deduction of Belgian withholding tax, the legal entity itself is responsible for the deduction and payment of the 30 per cent. withholding tax.

### (iv) Non-resident investors

Interest payments on the Structured Securities made through a financial institution or other intermediary established in Belgium will in principle be subject to a 30 per cent. withholding tax in Belgium, unless a reduced rate or an exemption applies on the basis that the non-resident investor is resident in a country with which Belgium has concluded a double taxation agreement and delivers the requested affidavit.

Non-resident corporate investors who have allocated the Structured Securities to the exercise of a professional activity in Belgium through a permanent establishment are in principle subject to the same tax rules as the Belgian resident corporate investors (see "*Repayment or redemption by the Issuer – Belgian resident corporate investors*" above).

Non-resident corporate investors who have not allocated the Structured Securities to a Belgian establishment can also rely on an exemption from Belgian withholding tax on interest in respect of the Structured Securities if certain conditions are met. No other Belgian income tax will be payable by these investors.

If the income is not collected through a professional intermediary in Belgium, no Belgian withholding tax will be payable.

### 1.2 Sale to a third party

No Belgian withholding tax should apply to the sale of the Structured Securities.

#### (i) Belgian resident individual investors

Individuals who are holders of Structured Securities and who are Belgian residents for tax purposes, i.e. who are subject to Belgian personal income tax ("*Personenbelasting/Impôt des personnes physiques*"), are currently not liable for Belgian income tax on the capital gains (if any) realised upon disposal of the Structured Securities to a third party, provided that the Structured Securities have not been used for their professional activity and that the capital gain is realised within the framework of the normal management of their private estate. Capital losses realised upon disposal of the Structured Securities held as a non-professional investment are in principle not tax deductible.

However, Belgian resident individuals may be subject to a 33 per cent. Belgian income tax (plus local surcharges) if the capital gains on the Structured Securities are deemed to be speculative or outside the scope of the normal management of the individuals' private estate. Capital losses arising from such transactions are not tax deductible.

Capital gains realised upon transfer of Structured Securities held for professional purposes are taxable at the ordinary progressive income tax rates (plus local surcharges), except for Structured Securities held for more than five years, which are taxable at a separate rate of 16.5 per cent. (plus local surcharges). Capital losses on the Structured Securities incurred by Belgian resident individuals holding the Structured Securities for professional purposes are in principle tax deductible.

#### (ii) Belgian resident corporate investors

Corporations that are Belgian residents for tax purposes, i.e. that are subject to Belgian Corporate Income Tax ("*Vennootschapsbelasting/Impôt des sociétés*"), are liable for Belgian corporate income tax on the capital gains (if any) realised upon disposal of the Structured Securities to a third party, irrespective of whether such Structured Securities relate to shares or other assets or indices. The current standard corporate income tax rate in Belgium is 25 per cent. (with a reduced rate of 20 per cent, applying to the first tranche of EUR 100,000 of taxable income of qualifying small companies).

Capital losses realised upon disposal of the Structured Securities are in principle tax deductible.

(iii) Other Belgian legal entities

Non-corporate legal entities that are Belgian residents for tax purposes, i.e. that are subject to Belgian tax on legal entities ("*Rechtspersonenbelasting/Impôt des personnes morales*"), are currently not liable for Belgian income tax on capital gains (if any) realised upon disposal of the Structured Securities to a third party.

Capital losses realised upon disposal of the Structured Securities are in principle not tax deductible.

(iv) Non-resident investors

Capital gains realised upon disposal of the Structured Securities by non-residents that have not acquired and do not hold the Structured Securities in connection with a business conducted in Belgium through a fixed base in Belgium or a Belgian permanent establishment are, in principle, not subject to taxation in Belgium.

For non-resident investors holding the Structured Securities in connection with a business conducted in Belgium through a fixed base in Belgium or a Belgian permanent establishment, capital gains realised on the disposal of the Structured Securities are generally subject to the same tax regime as Belgian resident companies or Belgian resident individuals holding the Structured Securities for professional purposes (see "*Sale to a third party - Belgian resident individual investors*" and "*Sale to a third party – Belgian resident corporate investors*" above).

**2. Tax on stock exchange transactions**

The sale and acquisition of the Certificates on the secondary market is subject to the Belgian tax on stock exchange transactions ("*Taks op de beursverrichtingen/Taxe sur les opérations de bourse*") if (i) executed in Belgium through a professional intermediary, or (ii) deemed to be executed in Belgium, which is the case if the order is directly or indirectly made to a professional intermediary established outside of Belgium, either by private individuals with habitual residence in Belgium, or legal entities for the account of their seat or establishment in Belgium.

The tax is generally due at a rate of 0.12 per cent. for Certificates, on each sale and acquisition separately, with a maximum of EUR 1,300 per taxable transaction. A separate tax is due by each party to the transaction, and both taxes are collected by the professional intermediary. However, if the intermediary is established outside of Belgium, the tax will in principle be due by the ordering private individual or legal entity, unless that individual or entity can demonstrate that the tax has already been paid. Professional intermediaries established outside of Belgium can, subject to certain conditions and formalities, appoint a Belgian representative for tax purposes, which will be liable for the tax on stock exchange transactions in respect of the transactions executed through the professional intermediary.

Exemptions are available, inter alia, for certain Belgian institutional investors and non-residents acting for their own account, subject to certain formalities. Transactions on the primary market are not subject to the tax on stock exchange transactions.

As stated above, the European Commission has published a proposal for a Directive for a FTT. The proposal currently stipulates that once the FTT enters into force, the participating Member States shall not maintain or introduce taxes on financial transactions other than the FTT (or VAT as provided in the Council Directive 2006/112/EC of November 28, 2006 on the common system of value added tax). For Belgium, the tax on stock exchange transactions should thus be abolished once the FTT enters into force. The proposal is still subject to negotiation between the participating Member States and therefore may be changed at any time.

**3. Annual tax on securities accounts**

## BELGIAN TAXATION

A new annual tax on securities accounts was introduced under Belgian law on 11 February 2021 (the "**Annual Tax on Securities Accounts**") ("*jaarlijkse taks op de effectenrekeningen/taxe annuelle sur les comptes-titres*"). The Annual Tax on Securities Accounts is levied on securities accounts of which the average value during the reference period (i.e. the period of twelve consecutive months beginning on 1 October and ending, in principle, on 30 September of the next year), exceeds EUR 1,000,000. The Annual Tax on Securities Accounts is applicable to securities accounts that are held by resident individuals, companies and legal entities, irrespective of whether these accounts are held with a financial intermediary in Belgium or abroad. The Annual Tax on Securities Accounts also applies to securities accounts held by non-resident individuals, companies and legal entities with a financial intermediary in Belgium. However, the Annual Tax on Securities Accounts is not levied on securities accounts held by specific types of regulated entities in the context of their own professional activity and for their own account.

The applicable tax rate is equal to the lower of either (a) 0.15 per cent. of the average value of the financial instruments held on the account or (b) 10 per cent. of the difference between the average value of the financial instruments held on the account and EUR 1,000,000. The tax base is the sum of the values of taxable financial instruments at different reference points in time (i.e. 31 December, 31 March, 30 June and 30 September) divided by the number of those reference points in time.

The Annual Tax on Securities Accounts needs to be withheld, declared and paid by the Belgian intermediary. Intermediaries that are not established in Belgium may, when managing a securities account subject to the Annual Tax on Securities Accounts, appoint a representative in Belgium approved by or on behalf of the Minister of Finance (the "**Annual Tax on Securities Accounts Representative**"). The Annual Tax on Securities Accounts Representative is jointly and severally liable to the Belgian State to declare and pay the Annual Tax on Securities Accounts and to fulfil all other obligations for intermediaries related thereto, such as compliance with certain reporting obligations. In cases where no intermediary has withheld, declared and paid the Annual Tax on Securities Accounts, the holder of the securities account needs to declare and pay the tax unless such holder can prove that the tax has already been withheld, declared and paid by either a Belgian intermediary or the Annual Tax on Securities Accounts Representative of a foreign intermediary.

A retroactive anti-abuse provision is applicable as of 30 October 2020, targeting (i) the splitting of a securities account into multiple accounts held with the same financial intermediary and (ii) the conversion of taxable financial instruments into registered financial instruments ("*financiële instrumenten op naam/instruments financiers nominatifs*"). Furthermore, a general anti-abuse provision was introduced.

Investors should consult their own tax advisers in relation to this new Annual Tax on Securities Accounts.

## FRENCH TAXATION

*The descriptions below are intended as a summary of certain French tax consequences in relation to the holding of the Securities issued by BNPP. This summary is based on the laws and regulations in full force and effect in France as at the date of this Base Prospectus, which may be subject to change in the future (potentially with retroactive effect). Potential purchasers of Securities are advised to consult their own appropriate independent and professionally qualified tax advisors as to the tax consequences of any investment in, or ownership of, the Securities.*

**Withholding tax on payments with respect to Securities issued by BNPP**

*The withholding tax treatment will depend on the nature and characterisation of the Securities issued by BNPP.*

***Securities constituting debt instruments for French tax purposes***

*Withholding taxes on payments made outside France*

*The following may be relevant to holders of Securities issued by BNPP who do not concurrently hold shares of BNPP.*

Payments of interest and other revenues with respect to Securities issued by BNPP which constitute debt instruments for French tax purposes will not be subject to the withholding tax set out under Article 125 A III of the French *Code général des impôts* unless such payments are made outside France in a non-cooperative State or territory (*Etat ou territoire non coopératif*) within the meaning of Article 238-0 A of the French *Code général des impôts* (a "**Non-Cooperative State**") other than those mentioned in 2° of 2 *bis* of the same Article 238-0 A. If such payments under the Securities are made outside France in a Non-Cooperative State other than those mentioned in 2° of 2 *bis* of Article 238-0 A of the French *Code général des impôts*, a 75 per cent. withholding tax will be applicable (subject to certain exceptions described below and the more favourable provisions of an applicable double tax treaty) by virtue of Article 125 A III of the French *Code général des impôts*.

Furthermore, according to Article 238 A of the French *Code général des impôts*, interest and other revenues with respect to such Securities will not be deductible from BNPP's taxable income if they are paid or accrued to persons domiciled or established in a Non-Cooperative State or paid to an account held with a financial institution established in such a Non-Cooperative State (the "**Deductibility Exclusion**"). Under certain conditions, any such non-deductible interest and other revenues may be recharacterised as constructive dividends pursuant to Articles 109 and *seq* of the French *Code général des impôts*, in which case such non-deductible interest and other revenues may be subject to the withholding tax set out under Article 119 *bis* 2 of the French *Code général des impôts*, at (i) a rate of 12.8 per cent. for payments benefiting individuals who are not French tax residents, (ii) the standard corporate income tax rate set forth in the second paragraph of Article 219-I of the French *Code général des impôts* (i.e. 25 per cent. for fiscal years starting from 1 January 2022) for payments benefiting legal persons who are not French tax residents or (iii) a rate of 75 per cent. for payments made outside France in a Non-Cooperative State other than those mentioned in 2° of 2 *bis* of Article 238-0 A of the French *Code général des impôts* (subject to certain exceptions described below and the more favourable provisions of an applicable double tax treaty).

Notwithstanding the foregoing, neither the 75 per cent. withholding tax set out under Article 125 A III of the French *Code général des impôts* nor the Deductibility Exclusion will apply in respect of an issue of Securities if BNPP can prove that the main purpose and effect of such issue of Securities was not that of allowing the payments of interest and other revenues to be made in a Non-Cooperative State (the "**Exception**"). Pursuant to the *Bulletin Officiel des Finances Publiques - Impôts* BOI-INT-DG-20-50-30 no.°150 and BOI-INT-DG-20-50-20 no.°290, an issue of Securities will benefit from the Exception without BNPP having to provide any proof of the purpose and effect of such issue of Securities, if such Securities are:



## FRENCH TAXATION

- (i) offered by means of a public offer within the meaning of Article L.411-1 of the French *Code monétaire et financier* for which the publication of a prospectus is mandatory or pursuant to an equivalent offer in a State other than a Non-Cooperative State. For this purpose, an "equivalent offer" means any offer requiring the registration or submission of an offer document by or with a foreign securities market authority; and/or
- (ii) admitted to trading on a French or foreign regulated market or multilateral securities trading system provided that such market or system is not located in a Non-Cooperative State, and the operation of such market is carried out by a market operator or an investment services provider or any other similar foreign entity, provided further that such market operator, investment services provider or entity is not located in a Non-Cooperative State; and/or
- (iii) admitted, at the time of their issue, to the operations of a central depository or of a securities delivery and payment systems operator within the meaning of Article L.561-2 of the French *Code monétaire et financier*, or of one or more similar foreign depositories or operators provided that such depository or operator is not located in a Non-Cooperative State.

### *Withholding taxes on payments made to individuals who are fiscally domiciled in France*

Where the paying agent (*établissement payeur*) is established in France, pursuant to Article 125 A I of the French *Code général des impôts*, subject to certain exceptions, interest and other revenues received by individuals who are fiscally domiciled (*domiciliés fiscalement*) in France are subject to a 12.8 per cent. withholding tax, which is deductible from their personal income tax liability in respect of the year in which the payment has been made. Social contributions (CSG, CRDS and solidarity levy) are also levied by way of withholding at an aggregate rate of 17.2 per cent. on such interest and other revenues received by individuals who are fiscally domiciled (*domiciliés fiscalement*) in France, subject to certain exceptions.

### *Securities issued by BNPP not constituting debt instruments for French tax purposes*

Payments in respect of Securities issued by BNPP which do not constitute debt instruments for French tax purposes should not be subject to, or should be exempt from, withholding tax in France provided that the beneficial owner of such Securities and the payments thereunder is resident for tax purposes in a country which has entered into an appropriate double tax treaty with France and fulfils the relevant requirements provided in such treaty.

In addition, payments in respect of such Securities may, in certain circumstances, be non-deductible (in whole or in part) for French tax purposes if they are paid or accrued to persons domiciled or established in a Non-Cooperative State or paid to an account held with a financial institution established in such a Non-Cooperative State. Under certain conditions, and subject to the more favourable provisions of an applicable double tax treaty, such non-deductible payments may be recharacterised as constructive dividends pursuant to Articles 109 and *seq* of the French *Code général des impôts* subject to the withholding tax set out under Article 119 *bis*2 of the French *Code général des impôts* at a rate of up to 75 per cent.

Potential purchasers of Securities who are resident for tax purposes in a country which has not entered into an appropriate double tax treaty with France or who are domiciled or established in a Non-Cooperative State are advised to consult their own appropriate independent and professionally qualified tax advisors as to the tax consequences of any investment in, ownership of, or transactions involving the Securities (including as regards the applicable rate and basis for the withholding tax and the potential ability of certain investors to claim a refund of withholding tax).

### **Transfer tax and other taxes**

*The following may be relevant in connection with Securities which may be settled or redeemed by way of physical delivery of certain French listed shares (or certain assimilated securities) or securities representing such shares (and assimilated securities).*

## FRENCH TAXATION

Pursuant to Article 235 *ter* ZD of the French *Code général des impôts*, a financial transaction tax (the "**French Financial Transaction Tax**") is applicable to any acquisition for consideration, resulting in a transfer of ownership of (i) an equity security (*titre de capital*) as defined by Article L.212-1 A of the French *Code monétaire et financier* or an assimilated equity security (*titre de capital assimilé*) as defined by Article L.211-41 of the French *Code monétaire et financier*, admitted to trading on a recognised stock exchange when such security is issued by a company whose registered office is situated in France and whose market capitalisation exceeds 1 billion Euros on 1 December of the year preceding the year in which the imposition occurs (the "**French Share**") or (ii) a security (*titre*) representing a French Share (irrespective of the location of the registered office of the issuer of such security). The French Financial Transaction Tax could apply in certain circumstances to the acquisition of a French Share (or a security representing a French Share) in connection with the settlement or redemption of any Securities.

There are a number of exemptions from the French Financial Transaction Tax and investors should consult with their counsel to identify whether they can benefit from them.

The rate of the French Financial Transaction Tax is 0.3 per cent. of the acquisition value of the French Share (or the security representing the French Share).

If the French Financial Transaction Tax applies to an acquisition of a French Share, this transaction is exempt from transfer taxes (*droits de mutation à titre onéreux*) which generally apply at a rate of 0.1 per cent. to the sale of shares issued by a company whose registered office is situated in France, provided that in case of shares listed on a recognised stock exchange, transfer taxes are due only if the transfer is evidenced by a written deed or agreement.

## ITALIAN TAXATION

*The following is a summary of current Italian law and practice relating to the taxation of the Securities, as defined in this Base Prospectus. The statements herein regarding taxation are based on the laws in force in Italy as at the date of this Base Prospectus and are subject to any changes in law occurring after such date, which changes could be made on a retroactive basis. The following summary does not purport to be a comprehensive description of all the tax considerations which may be relevant to a decision to subscribe for, purchase, own or dispose of the Securities and does not purport to deal with the tax consequences applicable to all categories of investors, some of which (such as dealers in securities or commodities) may be subject to special rules.*

*Prospective investors are advised to consult their own tax advisers concerning the overall tax consequences of their interest in the Securities.*

*This summary may not provide prospective investors with a comprehensive description of the tax consequences of an investment in Securities that are redeemed by physical delivery.*

*In any case, Italian legal or tax concepts may not be identical to the concepts described by the same English term as they exist under the terms used in different jurisdictions and any legal or tax concept expressed by using the relevant Italian term shall prevail over the corresponding concept expressed in English terms.*

### Italian taxation of Securities

As clarified by the Italian tax authorities in resolution No. 72/E of 12 July 2010, the Italian tax consequences of the purchase, ownership and disposal of the Securities may be different depending on whether:

- (a) they represent a securitized debt claim, implying a static "use of capital" (*impiego di capitale*), through which the subscriber of the Securities transfers to the Issuer a certain amount of capital for the purpose of obtaining remuneration on the same capital and subject to the right to obtain its (partial or entire) reimbursement at maturity; or
- (b) they represent a securitized derivative financial instrument or bundle of derivative financial instruments that do not entail a "use of capital", through which the subscriber of the Securities invests indirectly in underlying financial instruments for the purpose of obtaining a profit deriving from the terms of such underlying financial instruments.

In the Italian market, it is customary to classify certificates within the latter category and treat them as securitized derivative financial instruments, as long as they are not principal protected and treated as bonds or similar securities. On this basis, the following summary does not describe the tax treatment of bonds (*obbligazioni*) and similar securities (which are debentures incorporating an unconditional obligation of the Issuer to pay, at redemption, an amount not lower than their nominal value and which do not grant the holder any direct or indirect right of participation in (or control of) the management of the Issuer).

### Capital Gains

Securities qualifying as securitised derivative financial instruments and other securitised derivatives are subject to Article 67 of Presidential Decree No. 917 of 22 December 1986 (the "**TUIR**") and Legislative Decree No. 461 of 21 November 1997 (the "**Decree 461**"), as subsequently amended. Where the Italian resident Holder of Securities is (i) an individual not engaged in an entrepreneurial activity to which the Securities are connected, (ii) a non-commercial partnership pursuant to article 5 of TUIR (with the exception of general partnership, limited partnership and similar entities), (iii) a non-commercial private or public institution, or (iv) an investor exempt from Italian corporate income taxation, capital gains realised under the sale or the exercise of the Securities are subject to a 26 per cent. substitute tax (the so-called *imposta sostitutiva*).

Subject to certain limitations and requirements (including a minimum holding period), Italian resident individuals not engaged in an entrepreneurial activity or social security entities pursuant to Legislative Decree No. 509 of 30 June 1994 and Legislative Decree No. 103 of 10 February 1996 may be exempt from Italian capital gain taxes, including the *imposta sostitutiva*, on capital gains realised under the Securities if the Securities are included in a long-term individual savings account (*piano individuale di risparmio a lungo termine*) that meets the requirements set forth by Italian law as amended and supplemented from time to time.

Holders of Securities under (i) to (iii) above may opt for one of the following three different taxation criteria:

- (1) Under the tax declaration regime (*regime della dichiarazione*), which is the default regime for taxation of capital gains realised by Italian resident individuals not engaged in an entrepreneurial activity to which the Securities are connected, the *imposta sostitutiva* on capital gains will be chargeable, on a cumulative basis, on all capital gains, net of any offsettable capital loss, realised by the Italian resident Holder of Securities pursuant to all sales or redemptions of the Securities carried out during any given tax year. The taxpayer must indicate the overall capital gains realised in any tax year, net of any relevant incurred capital loss, in the annual tax return and pay *imposta sostitutiva* on such gains together with any balance income tax due for such year. Capital losses in excess of capital gains may be carried forward against capital gains realised in any of the four succeeding tax years;
- (2) As an alternative to the tax declaration regime, Italian resident Holders of Securities under (i) to (iii) above may elect to pay the *imposta sostitutiva* separately on capital gains realised on each sale or redemption of the Securities (the "*risparmio amministrato*" regime provided for by article 6 of Decree 461). Such separate taxation of capital gains is allowed subject to: (i) the Securities being deposited with Italian banks, a *società di intermediazione mobiliare* (a stock broking company or a "**SIM**") or certain authorised financial intermediaries (including permanent establishments in Italy of foreign intermediaries); and (ii) an express valid election for the *risparmio amministrato* regime being made in writing in a timely manner by the relevant Holder of Securities. The depository is responsible for accounting for *imposta sostitutiva* in respect of capital gains realised on each sale or redemption of the Securities (as well as in respect of capital gains realised upon the revocation of its mandate), net of any incurred capital loss, and is required to pay the relevant amount to the Italian tax authorities on behalf of the taxpayer, deducting a corresponding amount from the proceeds to be credited to the Holder of Securities or using funds provided by the Holder of Securities for this purpose. Under the *risparmio amministrato* regime, where a sale or redemption of the Securities results in a capital loss, such loss may be deducted from capital gains subsequently realised, within the same securities management, in the same tax year or in the following tax years up to the fourth. Under the *risparmio amministrato* regime, the Holder of Securities is not required to declare the capital gains in the annual tax return; and
- (3) Any capital gains realised or accrued by Holders of Securities under (i) to (iii) above who have entrusted the management of their financial assets, including the Securities, to an authorised intermediary and have validly opted for the so-called "*risparmio gestito*" regime (regime provided for by article 7 of Decree 461) will be included in the computation of the annual increase in value of the managed assets accrued, even if not realised, at year end, subject to a 26 per cent. substitute tax to be paid by the managing authorised intermediary. Under this *risparmio gestito* regime, any depreciation of the managed assets accrued at year end may be carried forward against increase in value of the managed assets accrued in any of the four succeeding tax years. Under the *risparmio gestito* regime, the Holder of Securities is not required to declare the capital gains realised in the annual tax return.

Where an Italian resident Holder of Securities is a company or similar commercial entity, or the Italian permanent establishment of a foreign commercial entity to which the Securities are effectively connected, capital gains arising from the Securities will not be subject to *imposta sostitutiva*, but must be included in the relevant Holder of Securities's income tax return and are therefore subject to Italian corporate tax ("**IRES**") and, in certain circumstances, depending on the

status of the Holder of Securities, also as a part of the net value of production for the purposes of the Italian regional tax on productive activities ("**IRAP**").

If the investor is an open-ended or closed-ended investment fund, an investment company with fixed share capital ("**SICAF**"), other than a real estate SICAF, or an investment company with variable capital ("**SICAV**") established in Italy (each, a "**Fund**") and either (i) the Fund or (ii) its manager is subject to the supervision of a regulatory authority, and the relevant Securities are held by an authorised intermediary, capital gains arising from the Securities will not be subject to *imposta sostitutiva*, but must be included in the management results of the Fund. The Fund will not be subject to taxation on such results but a withholding tax of 26 per cent. may apply, in certain circumstances, to distributions made in favour of unitholders or shareholders.

Any capital gains realised by a Holder of Securities which is an Italian pension fund (subject to the regime provided by article 17 of the Legislative Decree No. 252 of 5 December 2005) will be included in the result of the relevant portfolio accrued at the end of the tax period, to be subject to the 20 per cent. *ad hoc* substitute tax on its annual net accrued result. Subject to certain conditions (including a minimum holding period requirement) and limitations, capital gains may be excluded from the taxable base of the 20 per cent. substitute tax if the Securities are included in a long-term individual savings account (*piano individuale di risparmio a lungo termine*) that meets the requirements set forth by Italian law as amended and supplemented from time to time.

Capital gains realised by a Holder of Securities which is an Italian resident real estate investment fund established pursuant to Article 37 of Legislative Decree No. 58 of 24 February 1998, as amended and supplemented and Article 14-bis of Law No. 86 of 25 January 1994 (the "**Real Estate Investment Fund**") or an Italian real estate SICAF (the "**Real Estate SICAF**") are subject neither to substitute tax nor to any other income in the hands of the same Real Estate Investment Fund or Real Estate SICAF.

Capital gains realised from the sale or redemption of the Securities by non-Italian resident Holders of Securities without a permanent establishment in the Republic of Italy to which the Securities are effectively connected are not subject to Italian taxation, provided that the Securities are held outside Italy or are transferred on a regulated market.

Capital gains realised by non-Italian resident Holders of Securities from the sale or redemption of Securities not transferred on regulated markets and deposited with a bank, a SIM or certain authorised financial intermediaries in Italy are not subject to the *imposta sostitutiva*, provided that the effective beneficiary is (a) resident in a country which allows for a satisfactory exchange of information with Italy, as listed in the Italian Ministerial Decree of 4 September 1996, as amended by the Ministerial Decree of 23 March 2017 and potentially further amended by a future decree issued pursuant to Article 11(4)(c) of Decree 239 (the "**White List**"); (b) an international entity or body set up in accordance with international agreements, which have entered into force in Italy; (c) a Central Bank or an entity which manages, inter alia, the official reserves of a foreign State; or (d) an institutional investor established in a country which is included in the White List, even if it does not possess the status of a taxpayer therein.

In order to benefit from the tax exemption, non-resident investors who deposited the Securities with a bank, a SIM or certain authorised financial intermediaries in Italy must withdraw from the so-called "*risparmio amministrato*" regime, which provides for the application of an *imposta sostitutiva* separately on capital gains realised on each sale or redemption of the relevant Securities and file with the relevant depositary a statement in which the Holder of Securities declares to be eligible to benefit from the applicable exemption from *imposta sostitutiva*. Such statement, which is not required for international bodies or entities set up in accordance with international agreements which have entered into force in Italy or in the case of foreign Central Banks or entities which manage the official reserves of a foreign State, must comply with the requirements set forth by the Ministerial Decree of 12 December 2001.

If none of the conditions above are met and the Securities are deposited with a bank, a SIM or certain authorised financial intermediaries in Italy, capital gains realised by non-Italian resident Holders of Securities from the sale or redemption of Securities are subject to the *imposta sostitutiva* at the current rate of 26 per cent. In any event, non-Italian resident

individuals or entities without a permanent establishment in Italy to which the Securities are connected, that may benefit from a double taxation treaty with Italy providing that capital gains realised upon the sale or redemption of Securities are to be taxed only in the country of tax residence of the recipient and comply with the relevant formalities, will not be subject to *imposta sostitutiva* in Italy on any capital gains realised upon the sale or redemption of Securities.

### **Securities qualifying as Atypical Securities**

In accordance with a different interpretation of current tax law it is possible that the Securities would be considered "atypical" securities pursuant to Article 8 of Law Decree No. 512 of 30 September 1983 as implemented by Law No. 649 of 25 September 1983 ("**Atypical Securities**"). In this event, payments relating to Securities may be subject to an Italian withholding tax, levied at the rate of 26 per cent.

Subject to certain limitations and requirements (including a minimum holding period), Italian resident individuals not acting in connection with an entrepreneurial activity or social security entities pursuant to Legislative Decree No. 509 of 30 June 1994 and Legislative Decree No. 103 of 10 February 1996 may be exempt from any income taxation, including the withholding tax on interest, premium and other income relating to Atypical Securities, if the Securities are included in a long-term individual savings account (*piano individuale di risparmio a lungo termine*) that meets the requirements set forth by Italian law as amended and supplemented from time to time.

Interest payments on Atypical Securities made to Italian resident Holders which are (i) companies or similar commercial entities (including a permanent establishment in Italy of a foreign entity to which the Securities are effectively connected), and (ii) commercial partnerships, are not subject to the aforementioned withholding tax, but form part of their aggregate income subject to IRES. In certain cases, such Interest may also be included in the taxable net value of production and be subject to IRAP.

Interest payments relating to Atypical Securities received by non-Italian resident beneficial owners (not having a permanent establishment in Italy to which the Securities are effectively connected) are generally not subject to tax in Italy provided that, if the Securities are held in Italy, the non-Italian resident Holder declares itself to be non-Italian resident according to the Italian tax regulations.

The withholding is levied by the Italian intermediary, intervening in the collection of the relevant income or in the negotiation or repurchasing of the Securities.

### **Transfer Tax**

Contracts relating to the transfer of Securities are subject to the registration tax as follows: (i) public deeds and notarised deeds (*atti pubblici e scritture private autenticate*) are subject to fixed registration tax at rate of EUR 200; (ii) private deeds (*scritture private non autenticate*) are subject to registration tax only in "case of use" (*caso d'uso*) or in case of "explicit reference" (*enunciazione*) or voluntary registration.

### **Payments made by a non-resident Guarantor**

With respect to payments made to Italian resident Holders of Securities by a non-Italian resident Guarantor, in accordance with one interpretation of Italian tax law, any such payment made by the Italian non-resident Guarantor could be treated, in certain circumstances, as a payment made by the relevant Issuer and would thus be subject to the tax regime described in the previous paragraphs of this section.

## Inheritance and gift taxes

Pursuant to Law Decree No. 262 of 3 October 2006, converted into Law No. 286 of 24 November 2006, as subsequently amended, the transfers of any valuable asset (including shares, bonds or other securities) as a result of death or donation are taxed as follows:

- (a) transfers in favour of spouses and direct descendants or direct ancestors are subject to an inheritance and gift tax applied at a rate of 4 per cent. on the value of the inheritance or the gift exceeding, for each beneficiary, EUR 1,000,000;
- (b) transfers in favour of relatives to the fourth degree or relatives-in-law to the third degree, are subject to an inheritance and gift tax applied at a rate of 6 per cent. on the entire value of the inheritance or the gift. Transfers in favour of brothers/sisters are subject to the 6 per cent. inheritance and gift tax on the value of the inheritance or the gift exceeding, for each beneficiary, EUR 100,000; and
- (c) any other transfer is, in principle, subject to an inheritance and gift tax applied at a rate of 8 per cent. on the entire value of the inheritance or the gift.

If the transfer is made in favour of persons with severe disabilities, the tax is levied to the rate mentioned above in (a), (b) and (c) on the value exceeding EUR 1,500,000.

The *mortis causa* transfers of financial instruments are exempt from inheritance taxes if they are held in a long-term individual savings account (*piano individuale di risparmio a lungo termine*) that meets the requirements set forth by Italian law as amended and supplemented from time to time.

## Stamp duty

Pursuant to Article 19(1) of Decree No. 201 of 6 December 2011 ("**Decree 201**"), a proportional stamp duty applies on an annual basis to the periodic reporting communications sent by financial intermediaries to their clients for the securities deposited in Italy. The stamp duty applies at a rate of 0.2 per cent. and cannot exceed EUR 14,000 for taxpayers other than individuals; this stamp duty is determined on the basis of the market value or – if no market value figure is available – the nominal value or redemption amount of the securities held.

Based on the wording of the law and the implementing decree issued by the Italian Ministry of Economy on 24 May 2012, the stamp duty applies to any investor who is a client (as defined in the regulations issued by the Bank of Italy on 29 July 2009, as amended, supplemented and restated from time to time) of an entity that exercises in any form a banking, financial or insurance activity within the Italian territory.

## Wealth Tax on securities deposited abroad

Pursuant to Article 19(18) of Decree 201, Italian resident individuals holding the securities outside the Italian territory are required to pay an additional tax at a rate of 0.2 per cent. ("**IVAFE**"). Starting from 2020, Law No 160 of 27 December 2019 has provided for the extension of the application scope of IVAFE to Italian resident non-commercial entities, simple partnerships and equivalent entities, in addition to Italian resident individuals. For taxpayers other than individuals, IVAFE will not exceed EUR 14,000 per year.

This tax is calculated on the market value of the securities at the end of the relevant year or, if no market value figure is available, the nominal value or the redemption value of such financial assets held outside the Italian territory. Taxpayers are entitled to an Italian tax credit equivalent to the amount of wealth taxes paid in the State where the financial assets are held (up to an amount equal to the Italian wealth tax due).

## Italian Financial Transaction Tax ("IFTT")

Pursuant to Article 1(491 *et seq*) of Law No. 228 of 24 December 2012, IFTT applies to (i) transfers of property rights in shares and other participating securities issued by Italian resident companies (together, the "**Relevant Participating Instruments**"), (ii) transfers of property rights in financial instruments representing any such Relevant Participating Instruments, whether or not such financial instruments are issued by Italian resident issuers (such financial instruments, together the Relevant Participating Instruments, the "**Relevant Instruments**"), and (iii) derivative transactions referencing Relevant Instruments (i.e. derivative transactions or derivative financial instruments and certain equity-linked securities having an underlying mainly represented by one or more of Relevant Instruments or whose value is mainly linked to the Relevant Instruments) including securitised derivatives referencing Relevant Instruments (such as Certificates).

With respect to derivative transactions referencing Relevant Instruments, including securitised derivatives, the IFTT applies regardless of the tax residence of both the counterparties of the transactions and/or where the transaction is executed. The IFTT is levied at a fixed amount ranging between Euro 0.01875 and Euro 200 per transaction, which varies depending on the features and notional value of the securitised derivatives. A reduced IFTT (one fifth of the standard rate) is payable in respect of transactions executed on certain qualifying regulated markets or multilateral trading facilities. Where a securitised derivative is settled by physical settlement, the IFTT is also due upon the transfer of the ownership rights in the underlying Relevant Instruments.

The IFTT due in respect of derivative transactions referencing Relevant Instruments including securitised derivatives is payable by both counterparties to a transaction. However, the IFTT does not apply where one of the parties to the transaction is the European Union, the European Central Bank, central banks of the EU Member States, foreign central banks or entities which manage the official reserves of a foreign State or international bodies or entities set up in accordance with international agreements which have entered into force in Italy. Further specific exemptions exist, including, *inter alia*, for (i) subjects who carry on market making activities; (ii) mandatory social security entities and pension funds set up according to Legislative Decree No. 252 of 5 December 2005; and (iii) entities merely interposed in the execution of a transaction.

The IFTT is levied by the banks and other financial intermediaries (*società fiduciarie e imprese di investimento abilitate all'esercizio professionale nei confronti del pubblico dei servizi e delle attività di investimento*) ("**Intermediaries**") that are involved, in any way, in the execution of the transaction and subsequently paid to the Italian tax authorities. If more than one Intermediary is involved in the execution of the transaction, the IFTT is levied by the Intermediary who receives the order of execution by the purchaser of the Relevant Instruments or, in the case of a derivative transaction or securitised derivative referencing a Relevant Instrument, by the counterparty to or purchaser of such derivative. Intermediaries not resident in Italy can appoint an Italian representative for the purposes of the IFTT. If no Intermediaries are involved in the execution of the transaction, the relevant IFTT must be paid by each relevant party to the transaction itself.



## POLISH TAXATION

*The following is a discussion of certain Polish tax considerations relevant to an investor resident in Poland or which is otherwise subject to Polish taxation. This statement should not be deemed to be tax advice. It is based on Polish tax laws and, as its interpretation refers to the position as at the date of this prospectus, it may thus be subject to change including a change with retroactive effect. Any change may negatively affect tax treatment, as described below. This description does not purport to be complete with respect to all tax information that may be relevant to investors due to their personal circumstances. Prospective purchasers of the Securities are advised to consult their professional tax advisor regarding the tax consequences of the purchase, ownership, disposal, redemption or transfer without consideration of the Securities. The information provided below does not cover tax consequences concerning income tax exemptions applicable to specific taxable items or specific taxpayers (e.g. domestic or foreign investment funds).*

*The reference to "interest" as well as to any other terms in the paragraphs below means "interest" or any other term as understood in Polish tax law.*

For the purpose of this Section:

*"Affiliated Entities" shall mean:*

- (i) entities in respect of which one entity exercises a significant influence on at least one other entity;
- (ii) entities in respect of which a Significant Influence is exercised by: (A) another entity or (B) the spouse or a relative by consanguinity or affinity up to the second degree of a natural person exercising a significant influence on at least one entity;
- (iii) a partnership without legal personality and its partners (partner);
- (iv) limited partnerships and limited joint-stock partnerships with their registered office or management in the territory of the Republic of Poland and its general partner;
- (v) specific general partnerships with their registered office or management in the territory of the Republic of Poland and its partner; or
- (vi) a taxable person and their foreign establishment, and in the case of a tax capital group, a company being its part and its foreign establishment,

each being an *"Affiliation"*.

*"Exercising of a Significant Influence" shall mean:*

- (i) holding directly or indirectly at least 25 per cent. of shares in the capital of an entity;
- (ii) holding directly or indirectly at least 25 per cent. of voting rights in the supervisory, decision-making or managing bodies of an entity;
- (iii) holding directly or indirectly at least 25 per cent. of shares in or rights to participate in the profits, losses or the property or the expectation of such profits, losses or property, including participation units and investment certificates of an entity;
- (iv) the actual ability of a natural person to influence key economic decisions taken by a legal person or an organisational unit without legal personality; or
- (v) being the spouse or a relative by consanguinity or by affinity up to the second degree.

(a) Taxation of a Polish tax resident private investor (natural person)

Under Art. 3.1 of the Personal Income Tax Act dated 26 July (the "**PIT Act**"), natural persons, if residing in the Republic of Poland, are liable for tax on their total income (revenue) irrespective of the location of the sources of revenue (unlimited obligation to pay tax).

Under Art. 3.1a of the PIT Act, a Polish tax resident individual is a natural person who (i) has his/her centre of personal or business interests located in Poland or (ii) stays in Poland for longer than 183 days in a year, unless any relevant tax treaty dictates otherwise.

(1) Income from capital investments other than interest

Income other than interest derived by a Polish tax resident individual from debt financial instruments held as non-business assets, including income from a transfer of securities for consideration, qualify as capital gains according to Art. 17 of PIT Act. This income does not cumulate with the general income subject to the progressive tax scale but is subject to a 19 per cent. flat rate tax. The costs of acquiring the Securities are recognised at the time the revenue is achieved. Furthermore, capital gains are subject to 4 per cent. solidarity levy calculated on the surplus of various incomes above PLN 1 million in total.

Based on Art. 17.2 and Art. 19.1 of the PIT Act, if the price expressed in the contract without a valid reason significantly deviates from the market value, the amount of income is determined by the tax authority or fiscal control authority in the amount of the market value.

In principle, this income should be settled by the taxpayer by 30 April of the year following the year in which the income was earned. No tax or tax advances should be withheld by the person making the payments.

(2) Withholding tax on interest income

Under Art. 30a.7 of the PIT Act, interest income (discount) does not cumulate with general income subject to the progressive tax rate but under Art. 30a.1.2 of the PIT Act it is subject to 19 per cent. flat rate tax.

Under Article 41.4 of the PIT Act, the interest payer, other than an individual not acting within the scope of his/her business activity, should withhold the 19 per cent. Polish tax upon any interest payment. Under the Art. 41.4d of the PIT Act, tax on interest or discount on securities is withheld by entities keeping securities accounts for taxpayers, in their capacity as tax remitters, if the income (revenue) is earned in the territory of Poland and is associated with the securities registered in these accounts, and, further, if relevant payments are made to the taxpayers through those entities. This principle also applies to remitters who pay corporate income tax and are subject to limited tax liability in Poland, to the extent they conduct their business through a foreign establishment and it is to that establishment's operations that the securities account is linked. There are no regulations defining in which cases income earned (revenue) by a Polish tax resident should be considered income (revenue) earned in Poland. However, it is expected that such cases will be analogous to those of non-residents. Pursuant to Art. 3.2b of the PIT Act, income (revenues) earned in the Republic of Poland by non-residents shall include in particular income (revenues) from:

1. work performed in the Republic of Poland based on a service relationship, employment relationship, outwork system and co-operative employment relationship irrespective of the place where remuneration is paid;

2. activity performed in person in the Republic of Poland irrespective of the place where remuneration is paid;
3. economic activity pursued in the Republic of Poland, including through a foreign establishment located in the Republic of Poland;
4. immovable property located in the Republic of Poland or rights to such property, including from its disposal in whole or in part, or from disposal of any rights to such property;
5. securities and derivatives other than securities, admitted to public trading in the Republic of Poland as part of the regulated stock exchange market, including those obtained from the disposal of these securities or derivatives, or the exercise of rights resulting from them;
6. the transfer of (a) ownership of shares in a company, (b) all rights and obligations in a partnership without legal personality, or (c) participation in an investment fund, a collective investment undertaking or other legal entity with similar rights, character or receivables as a consequence of holding such shares, rights and obligations or participation, if at least 50 per cent. of the value of assets of such company, partnership, investment fund, collective investment undertaking or legal entity is constituted, directly or indirectly, by immovable properties located in the Republic of Poland, or rights to such immovable properties;
7. the transfer of ownership of shares, all rights and obligations, participation or similar rights in a real estate company (as defined in the PIT Act);
8. the receivables settled, including receivables put at disposal, paid out or deducted, by natural persons, legal persons, or organisational units without legal personality, having their place of residence, registered office, or management board in the Republic of Poland, irrespective of the place of concluding and performing the agreement; and/or
9. unrealised gains as referred to in the exit tax regulations.

The above list is not exhaustive; therefore, the tax authorities may also consider that income (revenues) not listed above is sourced in Poland.

Given the above, each situation should be analysed to determine whether interest earned by a Polish tax resident individual from the Securities is considered to be income sourced in Poland and whether the entity operating the securities account for the individual will withhold the tax. Since the Issuer is not a Polish entity, as a rule, interest from the Securities should not be considered as earned in the territory of Poland, except in specific circumstances (e.g. the Securities are admitted to public trading in Poland).

Although this is not clearly regulated in Polish tax law, in fact, foreign entities do not act as Polish withholding tax remitters (save when such foreign entities operate by way of a branch that constitutes a tax establishment in Poland). Therefore, it should be expected that the issuer itself or a non-Polish entity operating the securities account for the individual will not withhold the tax.

According to Article 45.3b of the PIT Act, if the tax is not withheld, the individual is obliged to settle the tax himself/herself by 30 April of the following year.

Separate rules apply to interest income on securities held in Polish omnibus accounts (within the meaning of the provisions of the Act on Trading in Financial Instruments, hereinafter "**Omnibus Accounts**"). Under Art. 41.10 of the PIT Act, insofar as securities registered in Omnibus Accounts are concerned, the entities operating Omnibus Accounts through which the amounts due are paid are liable

to withhold the flat-rate income tax on interest income. The tax is charged on the day of placing the amounts due at the disposal of the Omnibus Account holder.

Pursuant to Art. 30a.2a of the PIT Act, with respect to income (revenue) from interest transferred to taxpayers holding rights attached to securities registered in Omnibus Accounts whose identity has not been revealed to the tax remitter in accordance with the Act on Trading in Financial Instruments, a 19% flat-rate tax is withheld by the tax remitter (under Art. 41.10 of the PIT Act the entity operating the Omnibus Account) from the aggregate income (revenue) released for the benefit of all such taxpayers through the Omnibus Account holder.

Under Art. 45.3c of the PIT Act, taxpayers are obliged to disclose the amount of interest (discount) on securities in their annual tax return if the securities were registered in an Omnibus Account and the taxpayer's identity was not disclosed to the tax remitter.

Under Art. 30a.9 of the PIT Act, withholding tax incurred outside Poland (including countries which have not concluded a tax treaty with Poland), up to an amount equal to the tax paid abroad, but not higher than 19 per cent. tax on the interest amount, could be deducted from the Polish tax liability. Double tax treaties can provide other methods of withholding tax settlements.

(3) Securities held as business assets

If an individual holds the Securities as business assets, in principle, interest (discount) and income from a transfer of securities for consideration should be subject to tax in the same way as other business income. The tax, at 19 per cent. flat rate or the 17 per cent. to 32 per cent. progressive tax rate depending on the choice and meeting of certain conditions, should be settled by the individuals. Furthermore, business income is subject to 4 per cent. solidarity levy calculated on the surplus of various incomes above PLN 1 million in total.

(b) Taxation of a Polish tax resident corporate income taxpayer

Under Art. 3.1 of the Corporate Income Tax Act dated 15 February 1992 (the "**CIT Act**") the entire income of taxpayers who have their registered office or place of management in Poland is subject to tax obligation in Poland, irrespective of where the income is earned.

According to Art. 3.1a of the CIT Act, a taxpayer has a place of management in the territory of the Republic of Poland, *inter alia*, when the current affairs of this taxpayer are conducted in an organised and continuous manner on the territory of the Republic of Poland, based in particular on:

- (i) an agreement, decision, court ruling or other act regulating the establishment or functioning of the taxpayer; or
- (ii) powers of attorney; or
- (iii) Affiliations.

The appropriate tax rate is the same as the tax rate applicable to business activity, i.e. 19 per cent. for a corporate income taxpayer or 9 per cent. for small and new taxpayers.

A Polish tax resident corporate income taxpayer is subject to income tax in respect of the Securities (both on any capital gains and on interest/discount) following the same principles as those which apply to any other income received from business activity from the same source of income. As a rule, for Polish income tax purposes interest is recognised as revenue on a cash basis, i.e. when it is received and not when it has accrued. In respect

of capital gains, the cost of acquiring the Securities will be recognised at the time the revenue is achieved. Revenue from a transfer of securities for consideration is, in principle, their value expressed as the price specified in the contract. If the price expressed in the contract, without a valid reason, significantly deviates from the market value, the revenue amount is determined by the tax authority as an amount equivalent to the market value (Art. 14 of the CIT Act). In the case of income from the transfer of securities for consideration, tax deductible costs are generally recognised when the corresponding revenue has been received. The taxpayer (without the remitter's participation) settles income tax on interest/discount and on the transfer of securities for consideration, which is settled along with other income from the taxpayer's business activity within the same source of income.

Regarding the proper source of revenue, in principle, the income (revenue) from the Securities, including their transfer for consideration, is combined with revenues from capital gains (Art. 7b.1 of the CIT Act). In the case of insurers, banks and some other entities (such as financial institutions), this revenue is included in revenues other than revenues from capital gains (Art. 7b(2) of the CIT Act).

Although no Polish withholding tax should apply on interest payable to Polish corporate income taxpayers, under specific rules applying to interest income on securities held in Omnibus Accounts, under Art. 26.2a of the CIT Act, for income (revenue) from interest transferred to taxpayers holding rights attached to securities registered in Omnibus Accounts whose identity has not been revealed to the tax remitter in accordance with the Act on Trading in Financial Instruments, a 20 per cent. flat-rate tax is withheld by the tax remitter from the aggregate income (revenue) released for the benefit of all such taxpayers through the Omnibus Account holder. If such tax is withheld for a Polish tax resident corporate income taxpayer, to receive a refund of such tax, the entity should contact its tax advisor.

Any withholding tax incurred outside Poland (including countries which have not concluded any tax treaty with Poland), can be deducted from the Polish tax liability, up to an amount equal to the tax paid abroad, but not higher than the tax calculated in accordance with the applicable domestic tax rate. Double tax treaties may provide for other methods of withholding tax settlements.

(c) Securities held by a non-Polish tax resident (natural person or corporate income taxpayer)

Under Art. 3.2a of the PIT Act, natural persons, if they do not reside in Poland, are liable to pay tax only on income (revenue) earned in Poland (limited obligation to pay tax).

Under Art. 3.2 of the CIT Act, in the case of taxpayers who do not have their registered office or management in Poland, only the income they earn in Poland is subject to taxation in Poland.

Non-Polish tax residents who are natural persons or corporate income tax payers are subject to Polish income tax only with respect to their income earned in Poland. Under Art. 3.3 of the CIT Act, income (revenues) earned in the Republic of Poland by non-residents shall include in particular income (revenues) from:

1. all types of activity pursued in the Republic of Poland, including through a foreign establishment located in the Republic of Poland;
2. immovable property located in the Republic of Poland or rights to such property, including from its disposal in whole or in part, or from the disposal of any rights to such property;
3. securities and derivatives other than securities, admitted to public trading in the Republic of Poland as part of the regulated stock exchange market, including those obtained from the disposal of these securities or derivatives, or the exercise of rights resulting from them;
4. the transfer of (a) ownership of shares in a company, (b) all rights and obligations in a partnership without legal personality, or (c) participation in an investment fund, a collective investment undertaking or other

legal entity with similar rights, character or receivables as a consequence of holding such shares, rights and obligations or participation, if at least 50 per cent. of the value of assets of such company, partnership, investment fund, collective investment undertaking or legal entity is constituted, directly or indirectly, by immovable properties located in the Republic of Poland, or rights to such immovable properties;

5. the transfer of ownership of shares, all rights and obligations, participation or similar rights in a real estate company (as defined in the CIT Act);
6. the receivables settled, including receivables put at disposal, paid out or deducted, by natural persons, legal persons, or organisational units without legal personality, having their place of residence, registered office, or management board in the Republic of Poland, irrespective of the place of concluding or performing the agreement; and/or
7. unrealised gains referred to in the exit tax regulations.

Similar provisions are included in Art. 3.2b of the PIT Act.

It should be noted that the list of income (revenues) earned in Poland, as provided in Art. 3.3. of the CIT Act and Art. 3.2b of the PIT Act is not exhaustive, therefore, other income (revenues) may also be deemed to be earned in the Republic of Poland.

Even though the above list of circumstances in which income (revenue) is sourced in the Republic of Poland is not exhaustive, it could be argued that, in principle, payments under securities issued by a foreign entity are not sourced in Poland unless one of the cases indicated above occurs (in particular, the Securities are traded on the Warsaw Stock Exchange).

If income from the Securities is considered as sourced in Poland, the following applies:

*Special exemption for Securities meeting special conditions*

Under Art. 17.1.50c of the CIT Act, tax-free income is income earned by a CIT taxpayer subject to limited tax liability in Poland in respect of interest or a discount on securities:

- (a) having a maturity of at least one year; and
- (b) admitted to trading on a regulated market or introduced into an alternative trading system within the meaning of the Act of 29 July 2005 on Trading in Financial Instruments, in the territory of Poland or in the territory of a state that is a party to a double tax convention concluded with Poland which regulates the taxation of income from dividends, interest and royalties;

unless the taxpayer is an Affiliated Entity (within the meaning of the transfer pricing law) of the Issuer of such securities, and holds, directly or indirectly, together with other Affiliated Entities (within the meaning of those regulations), more than 10 per cent. of the notional value of those Securities.

Under Art. 26.1aa-1ac of the CIT Act, remitters are not obliged to withhold tax on interest or discount in respect of Securities meeting the above requirements, provided that the Issuer submits a declaration to the tax authority that it has acted with due diligence in informing Affiliated Entities about the exemption conditions applying to those Affiliated Entities. The declaration is made once in relation to a given issue of Securities, not later than the date of the payment of interest or discount on the Securities.

Analogous provisions apply to personal income tax (Art. 21.1.130c and Art. 41.24-26 of the PIT Act).

*Failure to meet the conditions for a special exemption*

In the absence of the exemption referred to above, the following rules apply:

In the case of taxpayers subject to limited tax liability in Poland, the interest (discount) on securities earned in the Polish territory is taxed, as a general rule, at a flat rate of 20 per cent. in the case of corporate income tax payers (Art. 21.1.1 of the CIT Act) or 19 per cent. in the case of natural persons (Art. 30a.1.2 of the PIT Act).

Under Art. 26.1 of the CIT Act, interest payers, other than individuals not acting within the scope of their business activity are obliged, as tax remitters, to collect lump-sum income tax on those payments on the day they are made. When verifying the conditions for the application of a withholding tax rate, exemption or the conditions for the non-collection of tax resulting from special provisions or double tax treaties, the remitter must exercise due diligence. When assessing the exercise of due diligence, the nature and scale of activity conducted by the remitter as well as its Affiliation with the taxpayer must be taken into account. Similar provisions are provided in Art. 41.4-4a of the PIT Act.

Under Art. 26.2c.1 of the CIT Act, the entities operating securities accounts and Omnibus Accounts for taxpayers, acting as tax remitters, should withhold this interest income if such interest income (revenue) was earned in Poland, is connected with securities registered in said accounts and the interest payment to the taxpayer is made through said entities. Although it is considered that foreign entities do not act as Polish tax remitters, according to the abovementioned provision, this obligation applies to non-residents to the extent they operate a permanent establishment in Poland and the account, on which securities are registered, is linked to the activity of this permanent establishment. Similar provisions concerning interest payments to individuals are provided in Art. 41.4d of the PIT Act.

The rules of taxation described here may be modified by the relevant provisions of double tax treaties concluded by Poland, based on which a reduced tax rate or income tax exemption may apply to income (revenue) obtained from interest/discount (Art. 21.2 of the CIT Act, Art. 30a.2 of the PIT Act). To benefit from the tax rate or income tax exemption under the tax treaty, the taxpayer should present a valid certificate of its tax residence. As a rule, the tax residence certificate is considered valid for twelve consecutive months from its date of issue.

The majority of double tax treaties concluded by Poland provide for an exemption from income tax on capital gains, including income from the sale of securities obtained in Poland by a tax resident of a given country.

Moreover, many tax treaties provide protection only for beneficial owners. Pursuant to Art. 4a.29 of the CIT Act and, respectively, Art. 5a.33d of the PIT Act, beneficial owner means an entity meeting all of the following conditions:

- (a) it receives the amount due for its own benefit, which includes deciding independently about its purpose, and bears the economic risk associated with the loss of that receivable or part of it;
- (b) it is not an intermediary, representative, trustee or another entity legally or actually obliged to transfer the receivable in whole or in part to another entity; and
- (c) it conducts real business activity in the country of its registration and when assessing whether the entity conducts real business activity, the nature and scale of such activity in the scope of received receivables are taken into account.

Although the definition of a beneficial owner does not refer to and Art. 24a.18 of the CIT Act and Art. 30f. 20 of the PIT Act, those are the only places where real economic activity is defined. Therefore, it cannot be ruled out that factors listed there will be taken into account by the tax authorities in determining beneficial ownership status. Those factors include:

- (i) the business activity carried out by the taxpayer is performed through an existing enterprise that actually performs activities constituting an economic activity; in particular, it possesses premises, qualified personnel and equipment used for performing business activity;
- (ii) the taxpayer does not create an artificial arrangement without a connection with any business activity;
- (iii) the taxpayer's actual premises, its personnel or equipment correspond to the scope of its actual business activity;
- (iv) the agreements concluded by the taxpayer are realistic in economic terms, they have economic justification and they are not noticeably contrary to the general business interest of the taxpayer; and
- (v) the taxpayer carries out its business functions independently, using its own resources, including managers who are present in the country of taxpayer's tax residency.

Separate, specific rules apply to interest income on securities held in Omnibus Accounts. Also, in cases where Polish withholding tax should not apply on interest payable to non-Polish tax residents (natural persons or corporate income taxpayers), under specific rules applicable to interest income on securities held in Omnibus Accounts there is a risk that such tax would be withheld. Under Art. 26.2a of the CIT Act, with respect to income (revenue) from interest transferred to taxpayers holding rights attached to securities registered in Omnibus Accounts whose identity has not been revealed to the tax remitter in accordance with the Act on Trading in Financial Instruments, a 20 per cent. flat-rate tax is withheld by the tax remitter from the aggregate income (revenue) released for the benefit of all such taxpayers through the Omnibus Account holder. Under Art. 30a.2a of the PIT Act, with respect to income (revenue) from interest transferred to taxpayers holding rights attached to securities registered in Omnibus Accounts whose identity has not been revealed to the tax remitter in accordance with the Act on Trading in Financial Instruments, a 19 per cent. flat-rate tax is withheld by the tax remitter from the aggregate income (revenue) released for the benefit of all such taxpayers through the Omnibus Account holder. If such tax is withheld for non-Polish tax resident taxpayers, to receive a refund of such tax, the entity should contact its tax advisor.

If a foreign recipient of income acts through a permanent establishment in Poland to which interest is related, as a matter of principle it should be treated in the same manner as a Polish tax resident, with some necessary additional requirements (e.g. the requirement to present the interest payer with a certificate of tax residence along with a declaration that the interest is related to the establishment's activities).

(d) Pay & Refund regime

*Corporate income tax*

Under Art. 26.2e of the CIT Act, if the total amount paid out between Affiliated Entities on account of the items listed in Art 21.1.1 of the CIT Act (including interest/discount on securities) and Art 22.1 of the CIT Act to the same taxpayer exceeds PLN 2,000,000 in the tax year of the payer, payers are, as a rule, required to withhold, on the day of payment, a flat-rate income tax at the basic rate (20 per cent. in the case of interest/discount on securities) from the excess over that amount, without taking into account any possibility of avoiding withholding that tax on the basis of an appropriate double tax treaty, and also without taking into account exemptions or rates resulting from special regulations or double tax treaties (hereinafter the "**Pay & Refund**").

Based on Art. 26.2ca of the CIT Act, the entities making payments through securities accounts or Omnibus Accounts are obliged to provide the entities maintaining these accounts, at least 7 days before the payment is made, with information about the existence of Affiliations between them and the taxpayer and about exceeding



the amount of PLN 2,000,000. Entities providing this information are required to update it before making the payment in the event of a change in the circumstances covered by the information.

Under Art. 26.2i and 26.2j of the CIT Act, if the payer's tax year is longer or shorter than 12 months, the amount to which the Pay & Refund applies is calculated by multiplying 1/12 of PLN 2,000,000 and the number of months that have begun in the tax year in which the payment was made. If the calculation of that amount is not possible by reference to the payer's tax year, the Pay & Refund shall apply accordingly to the payer's current financial year and, in its absence, with respect to the payer's other period with features specific to the financial year, for a period not longer than 23 consecutive months.

Under Art. 26.2k of the CIT Act, if the payment was made in a foreign currency, to determine whether the amount to which the Pay & Refund applies was exceeded, the amounts paid are converted into PLN at the average exchange rate published by the National Bank of Poland on the last business day preceding the payment day.

Under Art. 26.2l of the CIT Act, if it is not possible to determine the amount paid to the same taxpayer, it is presumed that it has exceeded the amount to which the Pay & Refund applies.

Under Art. 26.7a of the CIT Act, the Pay & Refund does not apply if the payer has declared that:

- (a) it holds the documents required by the tax law for the application of the tax rate or tax exemption or non-taxation under special regulations or double tax treaties; and
- (b) after verifying that the conditions to apply an exemption or reduced withholding tax rate resulting from special regulations or double tax treaties are satisfied, it is not aware of any grounds to believe that there are circumstances that exclude the possibility of applying the tax rate or tax exemption or non-taxation under special regulations or double tax treaties. In particular it is not aware of the existence of circumstances preventing the fulfilment of certain conditions referred to in other regulations, including the fact that the interest/discount recipient is the beneficial owner and, if the interest/discount is obtained in connection with the business activity conducted by the taxpayer, that it is obtained in the country of tax residence that the taxpayer carries on the actual business activity.

The above is to be declared by the head of the unit within the meaning of the Accounting Act or a designated member of such head being a collegiate body (e.g. the Issuer's management board). The declaration cannot be made by proxy. The declaration is to be made in electronic form not later than the date of payment of the tax for the month in which the threshold specified above was exceeded (Art. 26.7b and 26.7c of the CIT Act).

In the case of withholding tax being imposed as a result of the Pay & Refund, if double tax treaties or special regulations provide for a tax exemption or reduced tax rate, the taxpayer or tax remitter (if the taxpayer has paid tax with its own funds and has borne the economic burden of such tax, e.g. as a result of a gross-up clause) may apply for a refund of that tax by submitting the relevant documents and declarations. When recognising that the refund is justified, the tax authorities shall carry it out within six months.

The Pay & Refund does not apply in the case of the special exemption applicable to securities meeting certain conditions referred to in the section "*Special exemption for Securities meeting special conditions*" above, provided that the Issuer submits to the tax authority a declaration that the Issuer has observed due diligence in informing its Affiliated Entities, within the meaning of the provisions on transfer pricing, about the terms of that exemption in relation to those Affiliated Entities. The declaration must be made once in relation to a given issue of Securities, by no later than the date of the payment of interest or discount on the Securities.

*Personal income tax*

Analogous provisions apply to personal income tax, including Art. 41.12 of the PIT Act which provides for an analogous tax withholding obligation.

(e) Tax on civil law transactions

Neither an issuance of the Securities, nor a redemption of the Securities is subject to tax on civil law transactions.

In light of Art. 1.1.1.a of the Tax on Civil Law Transactions Act dated 9 September 2000 (the "**PCC Act**"), agreements for sale or exchange of assets or proprietary rights are subject to tax on civil law transactions. The Securities should be considered as representing proprietary rights. Transactions are taxable if their subjects are:

- (a) assets located in Poland or proprietary rights exercisable in Poland;
- (b) assets located abroad or proprietary rights exercisable abroad if the acquirer's place of residence or registered office is located in Poland and the civil law transaction was carried out in Poland.

Although this is not clearly addressed in the law, in principle, the Securities should not be considered as rights exercisable in Poland, consequently, the tax would apply only if the purchaser was Polish and the transaction was concluded in Poland.

If the sale or exchange of the Securities is subject to the PCC Act, then the tax at 1% of the market value of the Securities should be payable within 14 days after the sale or exchange agreement has been entered into. However, if such agreement has been entered into in notarial form, the tax due should be withheld and paid by the notary public. Tax on sale of the Securities is payable by the entity acquiring the Securities. In the case of exchange agreements, tax on civil law transactions should be payable by both parties jointly and severally.

However, under Art. 9.9 of the PCC Act, an exemption applies to the sale of property rights constituting financial instruments (such as the Securities):

- (a) to investment companies and foreign investment companies;
- (b) via investment companies or foreign investment companies;
- (c) as part of organised trading; or
- (d) outside organised trading by investment companies and foreign investment companies, if those rights were acquired by those companies under organised trading,

within the meaning of the provisions of the Act of 29 July 2005 on Trading in Financial Instruments.

Moreover, in accordance with Art. 1a.5 and 1a.7 in connection with Art. 2.4 of the PCC Act, the PCC exemption applies to sale or exchange agreements concerning the Securities:

- (a) to the extent that they are taxed with the VAT in Poland or in another EU Member State or EEA country; or
- (b) when at least one of the parties to the transaction is exempt from VAT in Poland or in another EU Member State or EEA country on account of that particular transaction.

(f) Remitter's liability

Under Art. 30 of the Tax Code dated 29 August 1997, a tax remitter failing to fulfil its duty to calculate, withhold or pay tax to a relevant tax authority is liable for the tax that has not been withheld or that has been withheld but not paid, up to the value of all its assets. The tax remitter is not liable if the specific provisions provide otherwise or if tax has not been withheld due to the taxpayer's fault. In such a case, the relevant tax authority will issue a decision concerning the taxpayer's liability.

## PORTUGUESE TAXATION

*The following is a general summary of certain income and capital gains tax consequences which may arise for Portuguese resident Holders. It is included herein solely for information purposes. It is based on the law currently in force in Portugal, though it is not intended to be, nor should it be considered, legal or tax advice. Furthermore, the tax treatment applicable in Portugal to the income and capital gains derived by Portuguese resident Holders may vary depending on the final terms and conditions of the relevant Certificates. Therefore, prospective Portuguese resident Holders should consult their own professional advisers as to the tax implications arising from the acquisition, holding or disposal of the Certificates.*

### 1. Individuals

#### (A) Certificates that do not guarantee more than 100 per cent. of the principal

Should the relevant Certificates be deemed to be certificates that do not guarantee more than 100 per cent. of the principal, income from operations related to the Certificates (either arising from their sale prior to redemption, or from their redemption) will be qualified as a capital gain. In this regard it should be noted that under Portuguese legislation, certificates are securities that entitle the Holder to receive the value of a certain underlying asset, according to the conditions set out in the Final Terms.

In this case, the individual Holder will, as a general rule, be subject to taxation on the positive difference between capital gains and losses at an autonomous rate of 28 per cent. The Holder may choose to aggregate such income with their remaining income that is subject to the general progressive Personal Income Tax ("**PIT**") rates, which vary between 14.5 per cent. and 48 per cent. (plus an additional surcharge of 2.5 per cent. applicable on income exceeding EUR80,000, up to EUR250,000 and thereafter a 5 per cent. surcharge applicable on income exceeding EUR250,000).

Income obtained by resident individuals arising from capital gains related to certificates that do not guarantee more than 100 per cent. of the principal is not subject to Portuguese withholding tax.

The Holders will have to include the income derived from the certificates that do not guarantee more than 100 per cent. of the principal in their PIT returns to be subject to taxation.

The amount of income that qualifies as capital gains shall correspond to the balance between capital gains and capital losses made in the same year.

In case the Holder chooses to aggregate the capital gains or capital losses with the remaining income, the negative balance calculated in a given year may be carried forward for the following five years.

Capital losses do not form part of the calculation of the net capital gains when the counterparty in the transaction (i) is resident in a tax haven, as described in Order 150/2004 of 13 February, as amended (a "**Tax Haven**") or (ii) is resident in a country or jurisdiction where an income tax similar to Corporate Income Tax ("**CIT**") is not imposed or where the applicable tax rate is lower than 60 per cent. of the Portuguese CIT rate (i.e. 12.6 per cent., since the Portuguese CIT rate currently is 21 per cent.) and there is a special relationship, under the terms of the CIT Code, between the counterparty and the relevant Portuguese tax residents (excluding European Union Member States or European Economic Area member states that are subject to exchange of information obligations similar to the obligations established by the European Union).

#### (B) Certificates that guarantee more than 100 per cent. of the principal or debt securities

Should the relevant Certificates be deemed to be certificates that guarantee more than 100 per cent. of the principal or debt securities, income arising from its redemption will be qualified as investment income.

Income deriving from certificates which guarantee more than 100 per cent. of the principal or debt securities, issued by non-resident entities, is subject to a 28 per cent. withholding tax if the payment is made by a Portuguese resident entity.

Income deriving from certificates or debt securities paid or made available ("*colocado à disposição*") to accounts in the name of one or more accountholders acting on behalf of one or more unidentified third parties is subject to a final withholding tax rate of 35 per cent., unless the relevant beneficial owner(s) of the income is/are identified and as a consequence the tax rates applicable to such beneficial owner(s) will apply.

The Holder may choose to treat the withholding tax as a final tax (when applicable) or to tax the income deriving from certificates at the general progressive tax rates varying between 14.5 per cent. and 48 per cent. (plus an additional surcharge of 2.5 per cent. applicable on income exceeding EUR80,000 and up to EUR250,000 and of 5 per cent. applicable on income exceeding EUR250,000), in which case the withholding will be treated as a payment on account of the final tax due.

Regarding the capital gains obtained on the transfer of the certificates or on the transfer or redemption of debt securities, the Holder may choose between the taxation of the positive difference between capital gains and losses at an autonomous rate of 28 per cent. or to aggregate that income to the remaining income to be subject to the general progressive tax rates, which vary between 14.5 per cent. and 48 per cent. (plus an additional surcharge of 2.5 per cent. applicable on income exceeding EUR80,000, up to EUR250,000 and thereafter a 5 per cent. surcharge applicable on income exceeding EUR250,000).

Capital losses do not form part of the calculation of the net capital gains when the counterpart in the operation is (i) resident in a Tax Haven or (ii) is resident in a country or jurisdiction where an income tax similar to CIT is not imposed or where the applicable tax rate is lower than 60 per cent. of the Portuguese CIT rate (i.e. 12.6 per cent., since the Portuguese CIT rate currently is 21 per cent.) and there is a special relationship, under the terms of the CIT Code, between the counterpart and the relevant Portuguese tax residents (excluding European Union Member States or European Economic Area member states that are subject to exchange of information obligations similar to the obligations established by the European Union).

Income obtained by resident individuals arising from capital gains related to certificates or debt securities is not subject to Portuguese withholding tax.

## 2. Corporate entities

As a general rule, income derived by corporate entities resident in Portugal or non-resident corporate entities with a permanent establishment in Portugal, where such income is attributable the redemption of the Certificates, as well as capital gains arising from their transfer, will be regarded as taxable income and therefore subject to CIT, at a general rate of 21 per cent. Small and medium enterprises (which employ fewer than 250 people and which have an annual turnover not exceeding EUR50,000,000, and/or an annual balance sheet total/gross assets not exceeding EUR43,000,000) benefit from a reduced CIT rate of 17 per cent. on the taxable income up to EUR25,000 (in the case of micro, small or medium enterprises that carry out their activity and have effective management in Portuguese inland territories as defined in Ordinance 208/2017 of 13 July, this rate may be reduced to 12.5 per cent), being the exceeding income subject to the general 21 per cent. rate. The taxable income may also be subject to a municipal surcharge, of up to 1.5 per cent. A state surcharge is applicable on income obtained by CIT taxable entities as follows: (a) taxable income exceeding EUR1,500,000 up to EUR7,500,000 will be subject to a state surcharge of 3 per cent., (b) taxable income exceeding EUR7,500,000 up to EUR35,000,000 will be subject to a state surcharge of 5 per cent., and (iii) taxable income above EUR35,000,000 will be subject to a state surcharge of 9 per cent. Losses arising from the transfer or redemption of the Certificates will, as a general rule, be tax deductible.

All prospective Holders should seek independent advice as to their tax positions.

### 3. Stamp Tax and CIT on Inheritance and Gifts

Acquisition of the Certificates by individuals not for valuable consideration (by way of inheritance or gift) is subject to Stamp Tax, at a 10 per cent. rate, if the corresponding Issuer has its head office or its effective place of management in Portugal or a permanent establishment in this territory and the acquirer is a Portuguese resident.

Acquisition of the Certificates by Portuguese resident corporate investors not for valuable consideration (by way of inheritance or gift) is regarded as taxable income and therefore subject to Portuguese CIT, as a general rule, at a 21 per cent. tax rate, possibly added to a municipal surcharge up to a maximum of 1.5 per cent. A state surcharge is applicable to income obtained by CIT taxable entities as follows: (a) taxable income exceeding EUR1,500,000 up to EUR7,500,000 will be subject to a State surcharge of 3 per cent., (b) taxable income exceeding EUR7,500,000 up to EUR35,000,000 will be subject to a State surcharge of 5 per cent and (iii) taxable income above EUR35,000,000 will be subject to a State surcharge of 9 per cent.

Acquisition of the Certificates by non-resident corporate investors not for valuable consideration (by way of inheritance or gift) is subject to CIT, at a 25 per cent. rate, if the corresponding Issuer has its head office or its effective place of management in Portugal. Under the tax treaties entered into by Portugal, such gains are usually not subject to Portuguese tax, but the applicable rules should be confirmed on a case by case basis.

### 4. Mandatory Automatic Exchange of Information

The Directive no. 2014/107/EU of 9 December 2014, which amended EU Council Directive no. 2011/16/EU ("**Administrative Cooperation Directive**") to extend the mandatory automatic exchange information to a wider range of income, including financial income, is in line with the Standard for Automatic Exchange of Financial Account Information in Tax Matters issued by OECD in July 2014 and with the bilateral exchange agreements between the United States of America and several other countries to implement the United States' Foreign Account Tax Compliance Act ("**FATCA**").

Portugal has implemented the Administrative Cooperation Directive (as amended by the EU Council Directive no. 2014/107/EU) into Portuguese law through Decree-Law no. 64/2016, of 11 October 2016, as amended.

Portugal has also implemented the FATCA regulations through Decree-Law no. 64/2016, of 11 October 2016, as amended.

Prospective investors that are tax resident in Portugal should consult their own legal or tax advisers regarding the consequences of the Administrative Cooperation Directive and the FATCA regulations in their particular circumstances.

## SPANISH TAXATION

*The statements herein regarding the tax legislation in Spain are based on the laws in force in Spain as of the date of this Base Prospectus (without prejudice to regional tax regimes in the Historical Territories of the Basque Country and the Community of Navarre or provisions passed by Autonomous Communities which may apply to investors for certain taxes) and are subject to any changes in law. The following summary does not purport to be a comprehensive description of all the tax considerations which may be relevant to a decision to purchase, own or dispose of the Certificates. Each prospective holder or beneficial owner of Certificates should consult its tax adviser as to the Spanish tax consequences of the ownership and disposition of the Certificates.*

### **Spanish resident individuals**

#### ***Personal Income Tax***

Personal Income Tax ("**PIT**") is levied on an annual basis on the worldwide income obtained by Spanish resident individuals, whatever its source and wherever the relevant payer is established. Therefore any income that a Spanish holder of the Certificates may receive under the Certificates will be subject to Spanish taxation.

Both interest periodically received and income arising on the disposal, redemption or reimbursement of the Certificates obtained by individuals who are tax resident in Spain will be regarded as financial income for tax purposes (i.e. a return on investment derived from the transfer of own capital to third parties).

These amounts will be included in the savings part of the taxable income subject to PIT at the following tax rates: (i) 19 per cent. for taxable income up to EUR6,000; (ii) 21 per cent. for taxable income from EUR6,001 to EUR50,000; (iii) 23 per cent. for taxable income from EUR50,000.01 to EUR200,000; and (iv) 26 per cent. for any amount in excess of EUR200,000.

Spanish holders of the Certificates should calculate the gross interest obtained in the savings part of the taxable base of the tax period in which it is due, including amounts withheld, if any.

Income arising on the disposal, redemption or reimbursement of the Certificates will be calculated as the difference between (a) their disposal, redemption or reimbursement value and (b) their acquisition or subscription value. Costs and expenses effectively borne on the acquisition and transfer of the Certificates may be taken into account for calculating the relevant taxable income, provided that they can be duly justified.

Likewise, expenses related to the management and deposit of the Certificates, if any, will be tax-deductible, excluding those pertaining to discretionary or individual portfolio management.

Negative income that may derive from the transfer of Certificates cannot be offset if the investor acquires homogeneous securities within the two-month period prior or subsequent to the transfer of the Certificates, until he/she transfers such homogeneous securities.

Additionally, tax credits for the avoidance of international double taxation may apply in respect of taxes paid outside Spain on income deriving from the Certificates, if any.

#### ***Spanish Inheritance and Gift Tax***

Spanish Inheritance and Gift Tax is levied on transfers of Certificates upon death or by gift to Spanish tax resident individuals, with the taxpayer being the transferee. The applicable tax rates currently range from 0 per cent. (full exemption) to 81.60 per cent. depending on various factors, although the final tax rate may vary depending on any applicable regional tax laws.

***Spanish Wealth Tax***

Individuals with tax residency in Spain are subject to Spanish Wealth Tax on their total net wealth, regardless of the location of their assets or of where their rights may be exercised, to the extent that their net worth exceeds EUR 700,000. Therefore, Spanish holders of the Certificates should take into account the value of the Certificates which they hold as at 31 December of each year, when calculating their Wealth Tax liabilities. The applicable tax rates range between 0.2 per cent and 3.5 per cent although the final tax rates may vary depending on any applicable regional tax laws, and some reductions may apply.

**Legal Entities with Tax Residence in Spain*****Corporate Income Tax***

Both interest periodically received and income arising on the disposal, redemption or reimbursement of the Certificates obtained by entities which are tax resident in Spain shall be computed as taxable income of the tax period in which they accrue.

The general tax rate for Spanish Corporate Income Tax ("**CIT**") taxpayers is currently 25 per cent. This general rate will not be applicable to all CIT taxpayers and, for instance, it will not apply to banking institutions (which will be taxed at the rate of 30 per cent.). Likewise, special rates apply in respect of certain types of entities (such as qualifying collective investment institutions).

Tax credits for the avoidance of international double taxation may apply in respect of taxes paid outside Spain on income deriving from the Certificates, if any.

***Spanish Wealth Tax***

Legal entities resident in Spain for tax purposes are not subject to Wealth Tax.

***Inheritance and Gift Tax***

Legal entities resident in Spain for tax purposes which acquire ownership or other rights over the Certificates by inheritance, gift or legacy are not subject to the Spanish Inheritance and Gift Tax but must include the market value of the Certificates in their taxable income for Spanish CIT purposes.

**Individuals and Legal Entities with no Tax Residence in Spain**

A non-resident holder of Certificates who has a permanent establishment in Spain to which such Certificates are attributable is subject to Spanish Non-Residents' Income Tax on any income obtained under the Certificates including both interest periodically received and income arising on the disposal, redemption or reimbursement of the Certificates.

In general terms, the tax rules applicable to individuals and legal entities with no tax residence in Spain but acting through a permanent establishment in Spain are the same as those applicable to Spanish tax resident CIT taxpayers.

**Spanish withholding tax**

Under Spanish tax law currently in effect, the relevant Issuer should not be obliged to deduct withholding tax on account of Spanish income taxes since it is not a Spanish tax resident entity and does not have a permanent establishment in Spain to which the issue of the Certificates is connected.

Where a financial institution (either resident in Spain or acting through a permanent establishment in Spain) acts as depositary of the Certificates or intervenes as manager on the collection of any income under the Certificates, such financial institution will be responsible for making the relevant withholding on account of Spanish tax on any income



deriving from the Certificates. To this end, income deriving from the Certificates will include not only interest payments but also income arising from the disposal, redemption or reimbursement of the Certificates, if any.

The current withholding tax in Spain is 19 per cent. Amounts withheld in Spain, if any, can be credited against the final Spanish PIT liability, in the case of Spanish resident individuals, or against final Spanish CIT liability, in the case of Spanish CIT taxpayers, or against final Spanish Non-Residents' Income Tax liability, in the case of Spanish permanent establishments of non-resident investors. However, holders of the Certificates who are CIT taxpayers or Non-Residents' Income Taxpayers acting through a permanent establishment in Spain can benefit from a withholding tax exemption when the Certificates are (a) listed on an OECD official stock exchange; or (b) represented in book-entry form and admitted to trading on a Spanish secondary stock exchange or on the Alternative Fixed Income Securities Market (*Mercado Alternativo de Renta Fija*).

Additionally, when the Certificates (i) are represented in book-entry form; (ii) are admitted to trading on a Spanish secondary stock exchange; and (iii) generate explicit yield, holders who are PIT taxpayers can benefit from a withholding tax exemption in respect of the income arising from the transfer or repayment of such Certificates. However, under certain circumstances, when a transfer of the Certificates has occurred within the 30-day period immediately preceding any relevant interest payment date, such PIT taxpayers may not be eligible for such withholding tax exemption.

Furthermore, such financial institution may become obliged to comply with the formalities set out in the regulations of the Spanish tax legislation when intervening in the transfer or reimbursement of the Certificates.

### **Indirect taxation**

The acquisition, transfer, redemption, reimbursement and exchange of the Certificates will be exempt from Transfer Tax and Stamp Duty as well as Value Added Tax.

### **Reporting Obligations to the Spanish Tax Authorities**

Spanish resident holders of Certificates or non-resident holders with a permanent establishment in Spain to which the Certificates are effectively connected should seek advice from their tax adviser as to whether they should include the Certificates in the annual reporting (Form 720) to the Spanish Tax Authorities declaring assets and rights held outside Spain (filing in respect of Certificates held as of 31 December 2022 will be due by 31 March 2023). Failure to satisfy this reporting obligation may trigger tax penalties and other tax implications.

## UNITED KINGDOM TAXATION

*The following is a summary of the Issuers' understanding of current United Kingdom tax law (as applied in England and Wales) and published HM Revenue and Customs' ("HMRC") practice relating only to the United Kingdom withholding tax treatment of payments in respect of Certificates and to whether the issue, transfer, redemption, exercise or settlement of a Certificate could be subject to United Kingdom stamp duty or stamp duty reserve tax. It does not deal with any other United Kingdom taxation implications of acquiring, holding, exercising, disposing or the settlement or redemption of Certificates. The United Kingdom tax treatment of prospective holders of Certificates depends on their individual circumstances and may be subject to change in the future. Prospective holders of Certificates who may be subject to tax in a jurisdiction other than the United Kingdom or who may be unsure as to their tax position should seek their own professional advice.*

**Withholding taxes**

United Kingdom withholding taxes can apply to a number of different types of payments. Those which could be relevant to securities such as the Certificates include: interest, annual payments and manufactured payments. As a general matter, an Issuer may make payments under the Certificates without any deduction of or withholding on account United Kingdom income tax if the payments do not have a United Kingdom source and they are not made by the Issuer in the course of a trade carried on in the United Kingdom through a branch or agency.

*Payments of interest on the Certificates*

Whether or not payments or any part of any payment on a Certificate will constitute "interest" will depend upon, amongst other things, the terms and conditions of the Certificates and the basis upon which amounts payable on the Certificates are calculated.

Payments of interest on the Certificates that does not have a United Kingdom source may be made without deduction or withholding on account of United Kingdom income tax. If interest paid on the Certificates does have a United Kingdom source, then payments may be made without deduction or withholding on account of United Kingdom income tax in any of the following circumstances.

BNPP will be entitled to make payments of interest on the Certificates without deduction of or withholding on account of United Kingdom income tax provided that:

- (a) it is and continues to be a bank within the meaning of section 991 of the Income Tax Act 2007 ("**ITA 2007**"); and
- (b) the interest on the Certificates is and continues to be paid in the ordinary course of the its business within the meaning of section 878 ITA 2007.

Payments of interest on the redeemable Certificates by either Issuer (if they qualify as a "security" for the purposes of section 987 ITA 2007) may be made without deduction of or withholding on account of United Kingdom income tax provided that the redeemable Certificates carry a right to interest and they are and continue to be listed on a "recognised stock exchange" within the meaning of section 1005 ITA 2007. Provided, therefore, that the redeemable Certificates qualify as securities, carry a right to interest and are and remain so listed on a "recognised stock exchange", interest on the redeemable Certificates will be payable without deduction of or withholding on account of United Kingdom tax.

In other cases, an amount must generally be withheld from payments of interest on the Certificates that has a United Kingdom source on account of United Kingdom income tax at the basic rate (currently 20%), subject to any other available exemptions and reliefs. However, where an applicable double tax treaty provides for a lower rate of withholding tax (or for no tax to be withheld) in relation to a holder of a Certificate, HMRC can issue a notice to the Issuer that payments

may be made to the holder without deduction of tax (or for payments to be paid with tax deducted at the rate provided for in the relevant double tax treaty).

### *Annual Payments*

If a periodic payment on a Certificate were not "interest", and not repayment of principal, then such payment could constitute an "annual payment". Whether or not any periodic payment were to constitute an "annual payment" for these purposes will depend upon, amongst other things, the terms and conditions of the Certificates and the basis upon which it is calculated. However, if in relation to a Certificate the Issuer is only required to make a single payment to its holders following redemption or exercise, and there are no amounts due by way of interest or other periodic payment on that Certificate, payments should not generally constitute "annual payments".

Payments on a Certificate which constitute "annual payments" that do not have a United Kingdom source may be made without deduction or withholding on account of United Kingdom income tax.

An amount must generally be withheld from "annual payments" on Certificates that have a United Kingdom source on account of United Kingdom income tax at the basic rate (currently 20 per cent.). However, where an applicable double tax treaty provides for a lower rate of withholding tax (or for no tax to be withheld) in relation to a holder of a Certificate, HMRC can issue a notice to the Issuer payment may be made to the holder without deduction of tax (or for payments to be made with tax deducted at the rate provided for in the relevant double tax treaty).

### *Manufactured Payments*

Payments on the Certificates should not constitute "manufactured payments" subject to any deduction of or withholding on account of United Kingdom income tax unless:

- (i) the Certificates will or may settle by way of physical delivery;
- (ii) the assets which will or may be delivered are shares issued by a "company UK REIT" or the "principal company" of a "group UK REIT" (all bearing the same meaning as in section 918 of the ITA 2007) or securities (other than shares) issued by the United Kingdom government, a local or other public authority in the United Kingdom or any other United Kingdom resident body; and
- (iii) the payments are representative of dividends on those shares, or interest paid on those securities (as the case may be).

Payments on a Certificate which do constitute "manufactured payments" may in any event be made without deduction of or withholding on account of United Kingdom income tax unless the Issuer makes those payments in the course of a trade carried on in the United Kingdom through a branch or agency.

If such a "manufactured payment" were paid by the Issuer in the course of a trade carried on in the United Kingdom through a branch or agency then the Issuer may (subject to reliefs and exemptions) be required to make a deduction of or withholding on account of United Kingdom income tax from such payment on account of United Kingdom income tax at the basic rate. However, where an applicable double tax treaty provides for a lower rate of withholding tax (or for no tax to be withheld) in relation to a holder of a Certificate, HMRC may be able to issue a notice to the Issuer that payments may be made to the holder without deduction of tax (or for payments to be paid with tax deducted at the rate provided for in the relevant double tax treaty).

### *Stamp duty and stamp duty reserve tax*

As a general matter a charge to stamp duty or stamp duty reserve tax may, in certain circumstances, arise on the issue, transfer, exercise, settlement and/or redemption of Certificates and stamp duty reserve tax may also be payable in relation

## UNITED KINGDOM TAXATION

to any agreement to transfer Certificates. This will depend upon the terms and conditions of the relevant Certificates. Holders of Certificates should take their own advice from an appropriately qualified professional advisor in this regard.

Furthermore, transfers of CDIs over Certificates may be subject to stamp duty and/or stamp duty reserve tax even if the transfer of the underlying Certificates themselves would not be. However, the transfer of a CDI which is registered in the United Kingdom should not be subject to stamp duty reserve tax if:

- (a) the Certificates in which the CDI represents an interest are of the same class as securities which are listed on a recognised stock exchange within the meaning of section 1005 ITA 2007;
- (b) those Certificates are not registered in a register kept in the United Kingdom; and
- (c) the relevant Issuer of those Certificates is neither incorporated nor centrally managed and controlled in the United Kingdom.

## U.S. FEDERAL INCOME TAXATION

### U.S. FEDERAL INCOME TAXATION

The following summary describes certain U.S. federal income tax considerations that may be relevant to a U.S. holder (as defined below) who purchases a Security. Accordingly, this summary does not purport to be a comprehensive description of all of the tax considerations that may be relevant to any particular investor in a Security. In particular, this summary deals only with holders of a Security who purchase in the initial offering at the applicable issue price and in whose hands the Security, or the stock, debt or other property underlying the Security would be a capital asset for U.S. federal income tax purposes. In addition, this discussion assumes that the Securities that are treated as options for U.S. federal income tax purposes, when issued, are not significantly "in-the-money".

This summary also does not discuss the U.S. federal income tax treatment of a U.S. holder who is a member of a class of holders subject to special rules, such as:

- a dealer in securities or derivative financial instruments;
- a trader in securities or derivative financial instruments that elects to use a mark-to-market method of accounting for securities holdings;
- a bank;
- a life insurance company;
- a tax-exempt organisation;
- an entity that is treated for U.S. federal income tax purposes as a partnership or other pass through entity;
- an investor who purchases a Security with respect to stock in a company that is treated as a passive foreign investment company ("**PFIC**") for U.S. federal income tax purposes;
- an investor that owns or is treated as owning 10% or more of the stock of the Issuer by vote or value;
- an investor who purchases a Security and holds any other position (whether long or short, direct or indirect) in any asset underlying such Security;
- an investor who purchases a Security that is part of a hedging transaction or that has been hedged against currency risk;
- an investor who purchases a Security that is part of a straddle or conversion transaction for U.S. federal income tax purposes; and
- an investor who is a United States person and whose functional currency for U.S. federal income tax purposes is not the U.S. dollar.

As a consequence of the foregoing, it should be particularly noted that this summary does not address the special tax considerations that apply to an investment in a combination of Securities with respect to the same underlying assets. Further, this summary does not address alternative minimum tax considerations, net investment income tax considerations, special tax accounting rules applicable to certain accrual method taxpayers under Section 451(b) of the U.S. Internal Revenue Code of 1986 (the "**Code**") or the consequences to holders of equity interests in a holder of Securities.

Any of the foregoing circumstances might substantially alter the tax consequences described below, and, in some instances, may require specific identification of positions in the relevant Securities before the close of the day on which they are acquired. For example, if the straddle rules were to apply, a U.S. holder of a Security might be required to (i)

## U.S. FEDERAL INCOME TAXATION

recognise all or a portion of any gain on such Security that would otherwise be long-term or short-term capital gain, as ordinary income or, if applicable, short-term capital gain, (ii) defer all, or a portion, of any loss realised upon the sale, exchange, exercise, cancellation or lapse of such Security and (iii) capitalise any interest or carrying charges incurred by such U.S. holder with respect to such Security.

This summary is based on the Code, existing and proposed Treasury regulations promulgated thereunder, published rulings and court decisions, all as in effect on the date hereof, and all of which are subject to change, possibly on a retroactive basis.

This summary does not address the material U.S. federal income tax consequences of every type of Security which may be issued under the Programme. Additional U.S. federal income tax consequences, if any, applicable to a particular Security may be set forth in the applicable Final Terms.

The rules governing the taxation of option transactions and derivative financial instruments are complex and depend on a taxpayer's particular circumstances. U.S. holders are strongly urged to consult their own tax advisors concerning the U.S. federal, state, local, non-U.S. and other national tax consequences of the ownership and disposition of Securities in their particular circumstances. U.S. holders should also consult their tax advisors as to the possibility of changes of law affecting taxation of derivative financial instruments with contingent payments, including prepaid forward contracts.

For purposes of this discussion, a "**U.S. holder**" is a beneficial owner of a Security that is (i) an individual who is a citizen or resident of the United States, (ii) a domestic corporation or (iii) otherwise subject to U.S. federal income taxation on a net income basis in respect of the Security.

If a partnership holds the Securities, the United States federal income tax treatment of a partner will generally depend on the status of the partner and the tax treatment of the partnership. A partner in a partnership holding the Securities should consult its tax advisor with regard to the United States federal income tax treatment of an investment in the Securities.

Special tax rules apply to a U.S. person that invests in a debt instrument that is not in "registered form" (as specially defined for applicable U.S. federal income tax purposes). Accordingly, this summary does not address the U.S. federal income tax consequences of an investment by a U.S. holder in a Security that is (or a component of which is), for U.S. federal income tax purposes, a debt instrument that is not in registered form. U.S. holders should consult their tax advisors with regard to debt instruments that are not in registered form.

### U.S. Federal Tax Characterisation of Securities

The determination of whether an obligation represents debt, equity, or some other instrument or interest for U.S. federal tax purposes is based on all the relevant facts and circumstances. There may not be statutory, judicial or administrative authority directly addressing the characterisation of some of the types of Securities that are anticipated to be issued under the Programme or of instruments similar to such Securities.

Depending on its terms, a Security could be treated as one or more of the following: (i) a prepaid forward contract (which may be subject to embedded options), (ii) a combination of a loan and a prepaid forward contract, (iii) an outright or constructive ownership interest in the property underlying such Security, or (iv) a debt instrument with or without contingent payments. Additional U.S. federal income tax consequences applicable to a particular issuance of Securities may be set forth in a supplement to this Base Prospectus, or any other relevant offering document.

No ruling is being requested from the U.S. Internal Revenue Service ("**IRS**") with respect to the Securities, and the treatment of the Securities described below is not binding on the IRS or the courts. As a result, significant aspects of the U.S. federal income tax consequences of an investment in the Securities are uncertain.

## U.S. Federal Income Tax Treatment of Certain Securities Treated as Debt

The following summary applies to certain Securities that are properly treated as debt for U.S. federal income tax purposes.

### *Payments of Interest*

Interest on a Security, other than interest on a "Discount Security" that is not "qualified stated interest" (each as defined below under "*Original Issue Discount*"), will be taxable to a U.S. holder as ordinary income at the time it is received or accrued, depending on the holder's method of accounting for tax purposes and generally will constitute income from sources outside the United States. Prospective purchasers should consult their tax advisers concerning the applicability of the foreign tax credit and source of income rules to income attributable to the Securities.

### *Original Issue Discount*

A Security, other than a Security with a term of one year or less (a "**Short-Term Security**"), will be treated as issued with original issue discount ("**OID**") (such Security a "**Discount Security**") if the excess of the Security's "stated redemption price at maturity" over its issue price is equal to or more than a de minimis amount (0.25 per cent. of the Security's stated redemption price at maturity multiplied by the number of complete years to its maturity). An obligation that provides for the payment of amounts other than qualified stated interest before maturity (an "instalment obligation") will be treated as a Discount Security if the excess of the Security's stated redemption price at maturity over its issue price is equal to or greater than 0.25 per cent. of the Security's stated redemption price at maturity multiplied by the weighted average maturity of the Security. A Security's weighted average maturity is the sum of the following amounts determined for each payment on a Security (other than a payment of qualified stated interest): (i) the number of complete years from the issue date until the payment is made multiplied by (ii) a fraction, the numerator of which is the amount of the payment and the denominator of which is the Security's stated redemption price at maturity. Generally, the issue price of a Security will be the first price at which a substantial amount of Securities included in the Series of which the Security is a part is sold to persons other than bond houses, brokers, or similar persons or organisations acting in the capacity of underwriters, placement agents, or wholesalers. The stated redemption price at maturity of a Security is the total of all payments provided by the Security that are not payments of "qualified stated interest". A "**qualified stated interest payment**" is generally any one of a series of stated interest payments on a Security that are unconditionally payable at least annually at a single fixed rate (with certain exceptions for lower rates paid during some periods), or at certain variable rates, applied to the outstanding principal amount of the Security. Solely for the purposes of determining whether a Security has OID, the Issuer will be deemed to exercise any call option that has the effect of decreasing the yield on the Security and the U.S. holder will be deemed to exercise any put option that has the effect of increasing the yield on the Security.

U.S. holders of Discount Securities must include OID in income calculated on a constant-yield method before the receipt of cash attributable to the income, and generally will have to include in income increasingly greater amounts of OID over the life of the Discount Securities. The amount of OID includible in income by a U.S. holder of a Discount Security is the sum of the daily portions of OID with respect to the Discount Security for each day during the taxable year or portion of the taxable year on which the U.S. holder holds the Discount Security ("**accrued OID**"). The daily portion is determined by allocating to each day in any "accrual period" a pro rata portion of the OID allocable to that accrual period. Accrual periods with respect to a Security may be of any length selected by the U.S. holder and may vary in length over the term of the Security as long as (i) no accrual period is longer than one year and (ii) each scheduled payment of interest or principal on the Security occurs on either the final or first day of an accrual period. The amount of OID allocable to an accrual period equals the excess of (a) the product of the Discount Security's adjusted issue price at the beginning of the accrual period and the Discount Security's yield to maturity (determined on the basis of compounding at the close of each accrual period and properly adjusted for the length of the accrual period) over (b) the sum of the payments of qualified stated interest on the Security allocable to the accrual period. The "adjusted issue price" of a Discount Security at the beginning of any accrual period is the issue price of the Security increased by (x) the amount of accrued OID for each

prior accrual period and decreased by (y) the amount of any payments previously made on the Security that were not qualified stated interest payments.

#### *Short-Term Securities*

In general, an individual or other cash basis U.S. holder of a Short-Term Security is not required to accrue OID (as specially defined below for the purposes of this paragraph) for U.S. federal income tax purposes unless it elects to do so (but may be required to include any stated interest in income as the interest is received). Accrual basis U.S. holders and certain other U.S. holders are required to accrue OID on Short-Term Securities on a straight-line basis or, if the U.S. holder so elects, under the constant-yield method (based on daily compounding). In the case of a U.S. holder not required and not electing to include OID in income currently, any gain realised on the sale or retirement of the Short-Term Security will be ordinary income to the extent of the OID accrued on a straight-line basis (unless an election is made to accrue the OID under the constant-yield method) through the date of sale or retirement. U.S. holders who are not required and do not elect to accrue OID on Short-Term Securities will be required to defer deductions for interest on borrowings allocable to Short-Term Securities in an amount not exceeding the deferred income until the deferred income is realised.

For purposes of determining the amount of OID subject to these rules, all interest payments on a Short-Term Security are included in the Short-Term Security's stated redemption price at maturity. A U.S. holder may elect to determine OID on a Short-Term Security as if the Short-Term Security had been originally issued to the U.S. holder at the U.S. holder's purchase price for the Short-Term Security. This election will apply to all obligations with a maturity of one year or less acquired by the U.S. holder on or after the first day of the first taxable year to which the election applies and may not be revoked without the consent of the IRS.

#### *Variable Rate Debt Instruments*

Securities that provide for interest at variable rates ("**variable interest rate securities**") may be treated as "variable rate debt instruments" under Treasury regulations governing accrual of OID. A variable interest rate security will generally qualify as a variable rate debt instrument if (a) its issue price does not exceed the total noncontingent principal payments due under the Security by more than a specified *de minimis* amount, (b) it provides for stated interest, paid or compounded at least annually at (i) one or more qualified floating rates, (ii) a single fixed rate and one or more qualified floating rates, (iii) a single objective rate or (iv) a single fixed rate and a single objective rate that is a qualified inverse floating rate and (c) it does not provide for any principal payments that are contingent (other than as described in (a) above).

#### *Securities Purchased at a Premium*

A U.S. holder that purchases a Security for an amount in excess of its principal amount, or for a Discount Security, its stated redemption price at maturity, may elect to treat the excess as "amortisable bond premium", in which case the amount required to be included in the U.S. holder's income each year with respect to interest on the Security will be reduced by the amount of amortisable bond premium allocable (based on the Security's yield to maturity) to that year. Any election to amortise bond premium will apply to all bonds (other than bonds the interest on which is excludable from gross income for U.S. federal income tax purposes) held by the U.S. holder at the beginning of the first taxable year to which the election applies or thereafter acquired by the U.S. holder, and is irrevocable without the consent of the IRS. See also "*Election to Treat All Interest as Original Issue Discount*".

#### *Election to Treat All Interest as Original Issue Discount*

A U.S. holder may elect to include in gross income all interest that accrues on a Security using the constant-yield method described above under "*Original Issue Discount*" with certain modifications. For purposes of this election, interest includes stated interest, OID, *de minimis* OID, and unstated interest, as adjusted by any amortisable bond premium (described above under "*Securities Purchased at a Premium*") or acquisition premium. This election will generally



## U.S. FEDERAL INCOME TAXATION

apply only to the Security with respect to which it is made and may not be revoked without the consent of the IRS. U.S. holders should consult their tax advisers concerning the propriety and consequences of this election.

### *Contingent Payment Debt Instruments*

If any Securities are treated as contingent payment debt instruments, the tax consequences to a U.S. holder would be determined under U.S. Treasury regulations governing contingent payment debt instruments (the "**Contingent Payment Regulations**"). The Contingent Payment Regulations are complex, but very generally apply OID rules to a contingent payment debt instrument by requiring that OID be accrued by the U.S. holder every year at a "comparable yield" for the instrument, or the yield at which the Issuer could issue a fixed rate debt instrument with terms similar to those of the contingent payment debt instrument, determined at the time of issuance of the obligation. In addition, the Contingent Payment Regulations require that a projected payment schedule, which results in such a "comparable yield", be determined by the Issuer. Further, a U.S. holder will be required to make adjustments to income accruals to account for differences between actual payments received by the U.S. holder and projected amounts of such payments. To the extent that the actual payments received by a U.S. holder exceed the projected payments on a contingent debt instrument in any taxable year, the U.S. holder will recognise ordinary interest income for that taxable year in excess of the cash the U.S. holder receives and such excess would increase the U.S. holder's tax basis in the debt instrument. In addition, any gain realised on the sale, exchange or redemption of a contingent payment debt instrument will be treated as ordinary income. Any loss realised on such sale, exchange or redemption will be treated as an ordinary loss to the extent that the U.S. holder's OID inclusions with respect to the obligation exceed prior reversals of such inclusions required by the adjustment mechanism described above. Any loss realised in excess of such amount generally will be treated as a capital loss.

### *Purchase, Sale and Retirement of Securities*

A U.S. holder's tax basis in a Security will generally be its cost, increased by the amount of any OID included in the U.S. holder's income with respect to the Security and the amount, if any, of income attributable to de minimis OID included in the U.S. holder's income with respect to the Security, and reduced by (i) the amount of any payments that are not qualified stated interest payments and (ii) the amount of any amortisable bond premium applied to reduce interest on the Security.

A U.S. holder will generally recognise capital gain or loss on the sale or retirement of a Security equal to the difference between the amount realised on the sale or retirement and the tax basis of the Security. Any such gain or loss generally will be long term capital gain or loss if the Security was held for more than one year at the time of settlement or at the time of sale or other disposition. The amount realised does not include the amount attributable to accrued but unpaid interest, which will be taxable as interest income to the extent not previously included in income.

Gain or loss realised by a U.S. holder on the sale or retirement of a Security generally will be U.S. source.

### **U.S. Federal Income Tax Treatment of Certain Securities Not Treated as Debt**

The following summary may apply to certain Securities that are not treated as debt for U.S. federal income tax purposes. This summary does not discuss all types of Securities that may not be treated as debt for U.S. federal income tax purposes. The U.S. federal income tax consequences of owning Securities that are not treated as debt for U.S. federal income tax purposes (and are not described herein in a separate section) will be discussed, as appropriate, in a supplement to this Base Prospectus, or any other relevant offering document.

### **Treatment of Securities as Options**

A Security that provides for a payment at redemption, including at maturity, that is based on the value of one or more commodities, currencies, equity securities, funds, indices, determining factor or other basis of reference (a "**Reference**

## U.S. FEDERAL INCOME TAXATION

**Item**") and also provides for a current coupon may be treated as an "**Option Security**" for U.S. federal income tax purposes.

The treatment of Option Securities for U.S. federal income tax purposes is highly uncertain. It would be reasonable to treat the purchase of an Option Security as a grant by the U.S. holder to the Issuer of an option contract (the "**Put Option**"), pursuant to which, for U.S. tax purposes, the U.S. holder may be treated as purchasing from the Issuer the Reference Item (or an amount equal to the value of the Reference Item), and under which (a) at the time of issuance, the U.S. holder deposits irrevocably with the Issuer a fixed amount of cash to assure the fulfilment of the holder's purchase obligation (the "**Deposit**"), (b) until maturity the Issuer will be obligated to pay interest to the U.S. holder, as compensation for the use of the cash Deposit during the term of the Option Security, (c) the Issuer will be obligated to pay an option premium to the holder in consideration for granting the option (the "**Put Premium**"), which premium will be payable as part of the coupon payments, (d) if pursuant to the terms the holder is obligated to purchase the Reference Item, then the Deposit will be applied in full satisfaction of such purchase obligation, and the Issuer will deliver to the holder the Reference Item that the holder is entitled to receive at that time (or, a cash amount equal to the value of the Reference Item), and (e) if the holder is not obligated to purchase the Reference Item, the Issuer will return the cash Deposit to the U.S. holder at maturity. The discussion below assumes that an Option Security is so treated, except as explicitly provided otherwise.

Amounts paid to the Issuer in respect of the original issue of the Option Securities will be treated as allocable in their entirety to the amount of the cash Deposit attributable to such Securities. A portion of the coupon on the Securities will be characterised as interest payable on such Deposit and a portion of the coupon will be characterised as Put Premium, each as described below. There is no assurance that the IRS will agree with this treatment and alternative treatments of the Option Securities could result in less favourable U.S. federal income tax consequences to a U.S. holder, including a requirement to accrue income with respect to the Put Option on a current basis.

### *Payments of Interest*

Interest payments on the Deposit will generally be taxable to a U.S. holder as ordinary income at the time it is received or accrued, depending on the holder's method of accounting for U.S. tax purposes and generally will constitute income from sources outside the United States. If the Option Securities are issued at a discount or have a term of one year or less, U.S. holders will be subject to the rules discussed above under "*U.S. Federal Income Tax Treatment of Certain Securities Treated as Debt*" with respect to interest or OID payable on the Deposit.

### *Payments of Put Premium*

Payments of the Put Premium will not be included in the income of a U.S. holder until sale, redemption or other taxable disposition or retirement for cash. If the Option Security is settled by delivery of the Reference Item, the payments of Put Premium will instead be incorporated into the U.S. holder's basis in such Reference Item. Upon the disposition of Option Securities or at maturity the Put Premium payment will be treated in the manner described below.

### *Retirement of an Option Security*

If the Put Option is deemed not to have been exercised at maturity, the cash payment of the full principal amount of the Option Security at maturity would likely be treated as (i) payment in full of the principal amount of the Deposit (which would likely not result in the recognition of gain or loss to an initial purchaser) and (ii) the lapse of the Put Option, which would likely result in a U.S. holder's recognition of short-term capital gain in an amount equal to the Put Premium paid.

If the Put Option is deemed to be exercised at maturity and is cash-settled, the payment at maturity would likely be treated as (i) payment in full of the principal amount of the Deposit (resulting in neither gain nor loss for an initial purchaser) and (ii) the exercise by the relevant Issuer of the Put Option. The exercise of the Put Option would result in short-term capital gain or loss to the U.S. holder in an amount equal to the difference between (i) the sum of the cash received at maturity (other than amounts attributable to accrued but unpaid interest) and all previous payments of Put Premium and

## U.S. FEDERAL INCOME TAXATION

(ii) the holder's adjusted basis in the Deposit, as determined under "*U.S. Federal Income Tax Treatment of Certain Securities Treated as Debt – Purchase, Sale and Retirement of Securities*".

Delivery at maturity of a Reference Item would likely be treated, for U.S. tax purposes, as (i) payment in full of the Deposit (resulting in neither gain nor loss for an initial purchaser) and (ii) the exercise by the Issuer of the Put Option and the U.S. holder's purchase of the Reference Item for an amount equal to the principal amount of the Option Security. The U.S. holder will have a tax basis in the Reference Item equal to the principal amount of the Option Securities less an amount equal to the aggregate amount of the Put Premium payments and less the portion of the tax basis of the Option Securities allocable to any fractional Reference Item, as described in the next sentence. A U.S. holder will recognise gain or loss (which will be treated as short-term capital gain or loss) with respect to cash received in lieu of fractional Reference Items, in an amount equal to the difference between the cash received and the portion of the basis of the Option Securities allocable to fractional Reference Items (based on the relative value of the fractional Reference Item and full Reference Item delivered to the U.S. holder). A U.S. holder's holding period in the Reference Item received will not include the U.S. holder's holding period in the Option Securities.

### *Sale, Redemption or Other Taxable Disposition of an Option Security Prior to Maturity*

Upon the sale, redemption or other taxable disposition of an Option Security, a U.S. holder should allocate the amount received between the Deposit and the Put Option on the basis of their respective values on the date of disposition. The U.S. holder should generally recognise gain or loss with respect to the Deposit in an amount equal to the difference between the amount of the sales proceeds allocable to the Deposit and the U.S. holder's adjusted tax basis in the Deposit (which will generally equal the issue price of the Option Security for an initial purchaser (as may be adjusted for any accrued OID on the Deposit)). Except to the extent attributable to accrued but unpaid interest, which will be taxed as such, this gain or loss will be long-term capital gain or loss if the U.S. holder has held the Option Securities for more than one year. If the Put Option has a positive value on the date of a sale of the Option Security, the U.S. holder should recognise short-term capital gain equal to the portion of the sale proceeds allocable to the Put Option plus any previously received Put Premium. If the Put Option has a negative value on the date of sale, the U.S. holder should be treated as having paid the buyer an amount equal to the negative value in order to assume the U.S. holder's rights and obligations under the Put Option. In such a case, the U.S. holder should recognise short-term capital gain or loss in an amount equal to the difference between the total Put Premium previously received and the amount of the payment deemed made by the U.S. holder with respect to the assumption of the Put Option.

### *Possible Alternative Characterisations*

No assurance can be given that the IRS will accept, or that a court will uphold, the characterisation and tax treatment described above. It is possible, for example, that the IRS could maintain that amounts treated as Put Premium (i) should be includible in the U.S. holder's income as interest in the manner described above regarding the payment of interest, or (ii) should be included in a U.S. holder's income even in a case where the Option Security is retired for a Reference Item. Such treatment might arise, for example, if the IRS were successfully to maintain that amounts treated as Put Premium (i) should be characterised for federal income tax purposes as interest, or (ii) should be treated as a return on the U.S. holder's investment in the Option Securities that constitutes income. Alternatively, the IRS could maintain that the Option Securities should be treated as contingent payment debt obligations, in which case the discussion above under "*U.S. Federal Income Tax Treatment of Certain Securities Treated as Debt – Contingent Payment Debt Instruments*" would apply.

## **U.S. Federal Income Tax Treatment of Certain Securities Treated as (Prepaid) Forward Contracts**

A Security that provides for a payment in redemption, including at maturity, that is based on the value of one or more Reference Items and does not provide for a current coupon may be treated as (prepaid) forward contracts for U.S. federal income tax purposes. A U.S. holder should not be required to recognise income or loss upon the acquisition of, or to accrue income over the life of, a Security that is treated as a prepaid forward contract for U.S. federal income tax purposes.

## U.S. FEDERAL INCOME TAXATION

*Physical Settlement.* If the Securities are treated as (prepaid) forward contracts, a U.S. holder who receives underlying stock or debt pursuant to the settlement of a Security that the U.S. holder has purchased will generally not recognise gain or loss on such settlement. The U.S. holder will generally be treated as acquiring the property underlying the Security, as of the date of settlement, in exchange for the amount that it paid to acquire the Security.

*Cash Settlement, Sale, or Other Disposition of the Securities.* If the Securities are treated as (prepaid) forward contracts, upon the receipt of cash upon settlement of a Security or upon the sale or other disposition of such Security, a U.S. holder generally will recognise taxable gain or loss, equal to the difference between the amount realised (generally, the amount of cash received) and such U.S. holder's tax basis in the Security. In general, a holder's tax basis in a Security will equal the amount that such holder paid to acquire the Security. Subject to the discussion below under "Constructive Ownership", any such gain or loss generally will be long-term capital gain or loss if the Security was held for more than one year at the time of settlement or at the time of sale or other disposition.

*Constructive Ownership.* Some or all of the net long-term capital gain arising from certain "constructive ownership" transactions may be characterised as ordinary income, in which case an interest charge would be imposed on the deemed underpayment of tax on any such ordinary income treated as deferred under these rules. These rules have no immediate application to forward contracts in respect of most property underlying the Securities, but may be applicable to the extent that the underlying property directly or indirectly includes shares of issuers treated as "pass-thru" entities. For this purpose "pass-thru entities" include regulated investment companies, real estate investment trusts, S corporations, partnership, trusts, common trust funds, PFICs and real estate mortgage investment conduits. These rules grant discretionary authority to the U.S. Treasury Department (the "**Treasury**") to expand the scope of "constructive ownership" transactions to include forward contracts in respect of the stock of all corporations, in addition to forward contracts in respect of any debt instrument. The rules separately also direct the Treasury to promulgate regulations excluding a forward contract that does not convey "substantially all" of the economic return on any underlying asset from the scope of "constructive ownership" transactions. It is not possible to predict whether such regulations will be promulgated by the Treasury, or the form or effective date that any regulations that may be promulgated might take. Prospective investors should consult their own tax advisors about the application of these rules.

### *Interest in the Underlying Property*

Depending on the terms of particular Securities, a U.S. holder could be treated as owning the property underlying those Securities for U.S. federal income tax purposes. In that event, for example, in the case of Index Securities, the U.S. holder would be required to recognise appropriate amounts of capital gain on the disposition of any shares included in the underlying Index each time that the Index is rebalanced. In such a case, such U.S. holder also would be subject to tax on dividends on shares included in the Index in an amount equal to the gross dividends paid by companies whose shares are included in the Index. In addition, any current expenses (including any withholding taxes) in respect of shares included in the Index would be treated as if made directly by the U.S. holder, and the deductibility of such expenses (or creditability of such withholding taxes) could be subject to certain limitations.

### *Loan and One or More Options*

If any Securities are treated as a combination of a loan (or deposit) and one or more options, in general, payments of interest (if any) will be taxable to a U.S. holder as ordinary interest income as described above under "*U.S. Federal Income Tax Treatment of Certain Securities Treated as Debt*", while payments in respect of the options would be taxable in a manner similar to the taxation of corresponding payments under Securities treated as options, as described above under "*U.S. Federal Income Tax Treatment of Certain Securities as Options*."

### *Possible Alternative Tax Treatment*

If a Security is treated as a unit consisting of a loan and a forward contract (or a loan and one or more options), a U.S. holder could be required to accrue a significant amount of OID on a current basis during the period in which it holds the Security.

It is also possible that future regulations or other IRS guidance would require a U.S. holder to accrue income on the Securities on a current basis. The IRS and the Treasury have issued proposed regulations that require the current accrual of income with respect to contingent non-periodic payments made under certain notional principal contracts. The preamble to the regulations states that the "wait and see" method of tax accounting does not properly reflect the economic accrual of income on such contracts, and requires a current accrual of income with respect to some contracts already in existence at the time the proposed regulations were released. While the proposed regulations do not apply to prepaid forward contracts, the preamble to the proposed regulations expresses the view that similar timing issues exist in the case of prepaid forward contracts. If the IRS published future guidance requiring current accrual of income with respect to contingent payments on prepaid forward contracts, it is possible that a U.S. holder could be required to accrue income over the term of the Securities.

### *Notice 2008-2*

The IRS and the Treasury have issued a notice requesting public comments on a comprehensive set of tax policy issues raised by prepaid forward contracts, including several different approaches under which U.S. holders of prepaid forwards could be required to recognize ordinary income on a current basis, or could be treated as owning directly the assets subject to the prepaid forward. Although it is currently uncertain what future guidance will result from the notice, the notice leaves open the possibility that such guidance could have retroactive application. In addition, prospective investors are encouraged to consult their own tax advisors about the potential impact of several proposed legislative changes in the taxation of derivatives contracts, and the likelihood that any of the foregoing may take effect.

### *Foreign Currency Rules*

Payments of premium, exercise price, sale proceeds, and cash settlement amounts in respect of Securities that are denominated in a currency other than the U.S. dollar will be subject to special U.S. tax rules regarding foreign currency transactions. U.S. holders should consult their own tax advisors concerning the application of these rules in their particular circumstances.

### **Information Reporting and Backup Withholding**

The relevant agent may be required to file information returns with the IRS with respect to payments made to certain U.S. holders of Securities. In addition, certain U.S. holders may be subject to backup withholding tax in respect of such payments if they do not provide their taxpayer identification numbers to the paying agent or otherwise comply with the applicable backup withholding requirements. U.S. holders should consult their tax advisers regarding the application of information reporting and backup withholding in their particular situations, the availability of an exemption therefrom and the procedure for obtaining the exemption, if available. Backup withholding is not an additional tax. Any amounts withheld from a payment to a holder under the backup withholding rules will be allowed as a credit against the U.S. holder's U.S. federal income tax liability and may entitle the holder to a refund of any excess amounts withheld under the backup withholding rules by timely filing the appropriate claim for refund with the IRS and furnishing all required information.

Certain U.S. holders that own "specified foreign financial assets" that meet certain U.S. dollar value thresholds will generally be required to file an information report with respect to such assets with their tax returns. "Specified foreign financial assets" include any financial accounts maintained by foreign financial institutions, as well as any of the following, but only if they are not held in accounts maintained by certain financial institutions: (i) stock or securities

## **U.S. FEDERAL INCOME TAXATION**

issued by non–United States persons, (ii) financial instruments and contracts held for investment that have non–United States issuers or counterparties, and (iii) interests in foreign entities. The Securities may be subject to these rules. U.S. holders are urged to consult their tax advisors regarding the application of these reporting requirements to their ownership of the Securities.

## U.S. DIVIDEND EQUIVALENT WITHHOLDING

### U.S. DIVIDEND EQUIVALENT WITHHOLDING

Section 871(m) of the Code treats a "dividend equivalent" payment as a dividend from sources within the United States that is generally subject to a 30 per cent. U.S. withholding tax, which may be reduced by an applicable tax treaty, eligible for credit against other U.S. tax liabilities or refunded, provided that the beneficial owner timely claims a credit or refund from the U.S. Internal Revenue Service (the "**IRS**"). A "**dividend equivalent**" payment is (i) a substitute dividend payment made pursuant to a securities lending or a sale-repurchase transaction that (directly or indirectly) is contingent upon, or determined by reference to, the payment of a dividend from sources within the United States, (ii) a payment made pursuant to a "specified notional principal contract" that (directly or indirectly) is contingent upon, or determined by reference to, the payment of a dividend from sources within the United States, and (iii) any other payment determined by the IRS to be substantially similar to a payment described in (i) or (ii). U.S. Treasury regulations issued under Section 871(m) and applicable guidance (the "**Section 871(m) Regulations**") require withholding on certain non-U.S. holders of the Securities with respect to amounts treated as dividend equivalent payments. Under the Section 871(m) Regulations, only a Security that has an expected economic return sufficiently similar to that of the underlying U.S. security, based on tests set forth in the Section 871(m) Regulations, will be subject to the Section 871(m) withholding regime (making such Security a "**Specified Security**"). Certain exceptions to this withholding requirement apply, in particular for instruments linked to certain broad-based indices.

Withholding in respect of dividend equivalents will generally be required when cash payments are made on, or upon the date of maturity, lapse or other disposition of, the Specified Security. If the underlying U.S. security or securities are expected to pay dividends during the term of the Specified Security, withholding generally will still be required even if the Specified Security does not provide for cash payments explicitly linked to dividends. The Issuer intends to withhold the full 30 per cent. tax on any payment on the Securities in respect of any dividend equivalent arising with respect to such Securities regardless of any exemption from, or reduction in, such withholding otherwise available under applicable law (including, for the avoidance of doubt, where a non-U.S. holder is eligible for a reduced tax rate under an applicable tax treaty with the United States). The Issuer is unable to apply any such exemption from, or reduction in, such withholding because many central securities depositories do not provide identifying information regarding the beneficial owners of any Specified Security and the Issuer does not expect that the relevant clearing system(s) clearing such Specified Securities will provide such information. If the beneficial owner of a payment is entitled to a reduced rate of withholding under a tax treaty, this may result in over-withholding and the beneficial owner may not be able to obtain a refund. Furthermore, the Issuer will not be able to assist in any refund claims. If the Issuer or any withholding agent determines that withholding is required, neither the Issuer nor any withholding agent will be required to pay any additional amounts with respect to amounts so withheld. Holders entitled to a reduced rate of withholding should consult their tax advisors regarding an investment in any Specified Securities.

Pursuant to IRS guidance, a Security issued prior to 1 January 2023 that does not have a "delta" of one with respect to underlying securities that could pay U.S.-source dividends for U.S. federal income tax purposes generally will not be considered a Specified Security subject to the 871(m) Regulations. If the terms of a Security are subject to a "significant modification" (as defined for U.S. tax purposes), the Security generally would be treated as retired and reissued on the date of such modification for purposes of determining, based on economic conditions in effect at that time, whether such Security is a Specified Security. Similarly, if additional Securities of the same series are issued (or deemed issued for U.S. tax purposes, such as certain sales of Securities out of inventory) after the original issue date, the IRS could treat the issue date for determining whether the existing Securities are Specified Securities as the date of such subsequent sale or issuance. Consequently, a previously out of scope Security, might be treated as a Specified Security following such modification or further issuance.

The applicable Final Terms will indicate whether the Issuer has determined that Securities are Specified Securities and will specify contact details for obtaining additional information regarding the application of Section 871(m) to such Securities. The applicable Final Terms will also indicate if payments on a series of Specified Securities are calculated by reference to "Net Dividends" (i.e., the dividends paid by an issuer of a security net of 30 per cent. U.S. federal withholding

## **U.S. DIVIDEND EQUIVALENT WITHHOLDING**

tax) or "Net Total Returns" (i.e., the net total return of the U.S. source dividend paying components, as calculated by the relevant Index Sponsor, of an index that reinvests U.S. source dividends paid by an issuer of a security that is a component of the index net of 30 per cent. U.S. withholding tax on such U.S. source dividends). If Securities are Specified Securities, a non-U.S. holder of such Securities should expect to be subject to withholding in respect of any dividend-paying U.S. securities underlying those Securities. The Issuer's determination is binding on non-U.S. holders of the Securities, but it is not binding on the IRS. The Section 871(m) Regulations require complex calculations to be made with respect to Securities linked to U.S. securities and their application to a specific issue of Securities may be uncertain. Prospective investors should consult their tax advisers regarding the potential application of Section 871(m) to the Securities.



## FOREIGN ACCOUNT TAX COMPLIANCE ACT

### FOREIGN ACCOUNT TAX COMPLIANCE ACT

Pursuant to certain provisions of the Code, commonly known as FATCA, withholding may be required on, among other things, (i) certain payments made by foreign financial institutions ("**foreign passthru payments**"), and (ii) dividend equivalent payments in respect of a Specified Security (as described above in "*Taxation — U.S. Dividend Equivalent Withholding*"), in each case, to persons that fail to meet certain certification, reporting, or related requirements. The Issuers are foreign financial institutions for these purposes. A number of jurisdictions (including France and the Netherlands) have entered into, or have agreed in substance to, intergovernmental agreements with the United States to implement FATCA ("**IGAs**"), which modify the way in which FATCA applies in their jurisdictions. Under the provisions of IGAs as currently in effect, a foreign financial institution in an IGA jurisdiction would generally not be required to withhold under FATCA or an IGA from payments that it makes.

Certain aspects of the application of the FATCA provisions and IGAs to instruments such as the Securities, including whether withholding would ever be required pursuant to FATCA or an IGA with respect to payments on instruments such as the Securities, are uncertain and may be subject to change. If withholding would be required pursuant to FATCA or an IGA with respect to foreign passthru payments, such withholding would not apply prior to the date that is two years after the date on which regulations defining foreign passthru payments are published in the U.S. Federal Register and Securities characterised as debt (or which are not otherwise characterised as equity and have a fixed term) for U.S. federal tax purposes that are issued on or before the relevant grandfathering date would be "grandfathered" for purposes of FATCA withholding unless materially modified after such date (including by reason of a substitution of an Issuer). The grandfathering date for (A) Securities that give rise solely to foreign passthru payments, is the date that is six months after the date on which final U.S. Treasury regulations defining the term "foreign passthru payment" are filed with the Federal Register, and (B) Securities that give rise to a dividend equivalent pursuant to Section 871(m) of the U.S. Internal Revenue Code of 1986 and the U.S. Treasury regulations promulgated thereunder, is six months after the date on which obligations of its type are first treated as giving rise to dividend equivalent payments. If additional Securities (as described under "*Terms and Conditions of the Securities—Further Issues*") that are not distinguishable from such previously issued grandfathered Securities are issued after the expiration of the grandfathering period and are subject to withholding under FATCA, then withholding agents may treat all Securities, including the Securities offered prior to the expiration of the grandfathering period, as subject to withholding under FATCA. Holders should consult their own tax advisors regarding how these rules may apply to their investment in the Securities. In the event any withholding would be required pursuant to FATCA or an IGA with respect to payments on the Securities, no person will be required to pay additional amounts as a result of the withholding.

**OTHER TAXATION**

The payment of the Cash Settlement Amount on the Securities, if any, will be made subject to withholding taxes and other taxes which the law may impose on holders of the Securities.

Individuals and legal entities should consult their usual tax advisors with respect to the tax treatment which applies to them.

In addition, holders of the Securities should comply with the tax laws applicable in the jurisdiction in which they are resident, subject to the application of any applicable tax treaty in force between France or, as the case may be, the Netherlands, and such jurisdiction.

Purchasers of Securities may be required to pay stamp taxes and other charges in accordance with the laws and practices of the country of purchase in addition to the issue price of each Security.

TRANSACTIONS INVOLVING SECURITIES MAY HAVE TAX CONSEQUENCES FOR POTENTIAL PURCHASERS WHICH MAY DEPEND, AMONGST OTHER THINGS, UPON THE STATUS OF THE POTENTIAL PURCHASER AND LAWS RELATING TO TRANSFER AND REGISTRATION TAXES. POTENTIAL PURCHASERS WHO ARE IN ANY DOUBT ABOUT THE TAX POSITION OF ANY ASPECT OF TRANSACTIONS INVOLVING SECURITIES SHOULD CONSULT THEIR OWN TAX ADVISERS.

Transactions involving Securities may have tax consequences for potential purchasers which may depend, amongst other things, upon the status of the potential purchaser and may relate to transfer and registration taxes.

Security Condition 11 (Expenses and Taxation) should be considered carefully by all potential purchasers of any Securities.

All prospective holders should seek independent advice as to their tax positions.

## CERTAIN CONSIDERATIONS FOR ERISA AND OTHER EMPLOYEE BENEFIT PLANS

### CERTAIN CONSIDERATIONS FOR ERISA AND OTHER EMPLOYEE BENEFIT PLANS

The U.S. Employee Retirement Income Security Act of 1974, as amended ("**ERISA**"), imposes certain restrictions on employee benefit plans that are subject to the fiduciary responsibility provisions of Title I of ERISA, including entities such as collective investment funds and separate accounts whose underlying assets include the assets of any such plans (collectively, "**ERISA Plans**") and on persons who are fiduciaries with respect to these ERISA Plans. In accordance with ERISA's general fiduciary requirements, a fiduciary with respect to an ERISA Plan who is considering the purchase of U.S. Securities on behalf of the ERISA Plan should determine whether the purchase is permitted under the governing ERISA Plan documents and is prudent and appropriate for the ERISA Plan in view of its overall investment policy and the composition and diversification of its portfolio. Section 406 of ERISA and Section 4975 of the U.S. Internal Revenue Code of 1986, as amended (the "**Code**"), prohibit certain transactions involving the assets of an ERISA Plan (as well as those plans that are not subject to Title I of ERISA but which are subject to Section 4975 of the Code, such as individual retirement accounts ("**IRAs**") or Keogh plans (together with any entities whose underlying assets include the assets of any such plans or accounts and with ERISA Plans, "**Plans**")) and persons who have certain specified relationships to Plans ("parties in interest" within the meaning of ERISA or "disqualified persons" within the meaning of Section 4975 of the Code). A party in interest or disqualified person who engages in a prohibited transaction may be subject to excise taxes and other penalties and liabilities under ERISA and/or the Code. A fiduciary of a Plan (including the owner of an IRA) that engages in a prohibited transaction may also be subject to penalties and liabilities under ERISA and the Code.

BNPP, directly or through its Affiliates, may be considered a "party in interest" or a "disqualified person" with respect to many Plans. The purchase of U.S. Securities by a Plan with respect to which BNPP is a party in interest or a disqualified person may constitute or result in a prohibited transaction under Section 406 of ERISA or Section 4975 of the Code. Certain exemptions from the prohibited transaction provisions of Section 406 of ERISA and Section 4975 of the Code may be applicable, however, depending in part on the type of Plan fiduciary making the decision to acquire such U.S. Securities and the circumstances under which such decision is made. Included among these exemptions are Prohibited Transaction Class Exemption ("**PTCE**") 84-14 (an exemption for certain transactions determined by an independent qualified professional asset manager), PTCE 91-38 (an exemption for certain transactions involving bank collective investment funds), PTCE 90-1 (an exemption for certain transactions involving insurance company pooled separate accounts) and PTCE 95-60 (an exemption for certain transactions involving insurance company general accounts), PTCE 96-23 (an exemption for certain transactions determined by an in-house asset manager). In addition, the exemption under Section 408(b)(17) of ERISA and Section 4975(d)(20) of the Code may be available, provided (i) none of BNPP or the U.S. Dealers or affiliates or employees thereof is a Plan fiduciary that has or exercises any discretionary authority or control with respect to the Plan's assets used to purchase the U.S. Securities or renders investment advice with respect to those assets and (ii) the Plan is paying no more than adequate consideration for the U.S. Securities. There can be no assurance that any of these exemptions or any other exemption will be available with respect to any particular transaction involving the U.S. Securities. Any Plan fiduciary (including the owner of an IRA) considering the purchase of U.S. Securities should consider carefully the possibility of prohibited transactions and the availability of exemptions.

Governmental plans (as defined in Section 3(32) of ERISA), certain church plans (as defined in Section 3(33) of ERISA) and non-U.S. plans (as described in Section 4(b)(4) of ERISA), while not subject to the fiduciary responsibility provisions of Title I of ERISA or the prohibited transaction provisions of Section 406 of ERISA and Section 4975 of the Code, may nevertheless be subject to non-U.S. or U.S. local, state or other federal laws or regulations that are substantially similar to the provisions of Section 406 of ERISA and/or Section 4975 of the Code ("**Similar Law**"). Fiduciaries of any such plans should consult with their counsel before purchasing any U.S. Securities to determine the need for, if necessary, and the availability of, any exemptive relief under any Similar Law. **ANY PENSION OR OTHER EMPLOYEE BENEFIT PLAN, INCLUDING ANY SUCH GOVERNMENTAL, CHURCH OR NON-U.S. PLAN AND ANY INDIVIDUAL RETIREMENT ACCOUNT, PROPOSING TO ACQUIRE ANY U.S. SECURITIES SHOULD CONSULT WITH ITS COUNSEL BEFORE PURCHASING ANY U.S. SECURITIES.**

## CERTAIN CONSIDERATIONS FOR ERISA AND OTHER EMPLOYEE BENEFIT PLANS

Accordingly, by its purchase of any U.S. Security (or any interests therein), the purchaser or transferee thereof (and the person, if any, directing the acquisition of the U.S. Securities (or any interests therein) by the purchaser or transferee) will be deemed to represent, warrant and agree on each day from the date on which the purchaser or transferee acquires the U.S. Securities (or any interests therein) through and including the date on which the purchaser or transferee disposes of its interest in such U.S. Securities, either that (a) such purchaser or transferee is not, and is not acting on behalf or using the assets of, (i) an "employee benefit plan" (as defined in Section 3(3) of ERISA) subject to Title I of ERISA, (ii) a "plan" (as defined in Section 4975(e)(1) of the Code) subject to Section 4975 of the Code (including without limitation, an IRA), (iii) an entity whose underlying assets include the assets of any such employee benefit plan or plan by reason of Department of Labor Regulation Section 2510.3-101 (as modified by Section 3(42) of ERISA), or (iv) a governmental, church or non-U.S. plan which is subject to any Similar Law, or (b) its acquisition, holding and disposition of such U.S. Securities (including, if applicable, the receipt of any Guarantee or Entitlement) will not constitute or result in a prohibited transaction under Section 406 of ERISA or Section 4975 of the Code (or in the case of a governmental, church or non-U.S. plan, a violation of any Similar Law) unless an exemption is available with respect to such transactions and all the conditions of such exemption have been satisfied.

If the purchaser or transferee of the U.S. Securities (or any interests therein) is, or is acting on behalf of, a Plan, it will be further deemed to represent, warrant and agree that (i) none of BNPP, BNPP B.V, any other party to the transactions referred to in this Base Prospectus or any of their respective affiliates, has provided any investment recommendation or investment advice on which it or any fiduciary or other person investing the assets of the Plan (a "**Plan Fiduciary**"), has relied in connection with its decision to invest in the U.S. Securities and they are not otherwise undertaking to act as a fiduciary, as defined in Section 3(21) of ERISA or Section 4975(e)(3) of the Code, to the Plan or the Plan Fiduciary in connection with the Plan's acquisition of the U.S. Securities and (ii) the Plan Fiduciary is exercising its own independent judgment in evaluating the transaction.

Nothing herein shall be construed as a representation that any investment in U.S. Securities would meet any or all of the relevant legal requirements with respect to investments by, or is appropriate for, Plans generally or any particular Plan.

The above discussion may be modified or supplemented with respect to a particular offering of U.S. Securities, including the addition of further ERISA restrictions on purchase and transfer. Holders should consult the applicable Final Terms for such additional information.

## NOTICE TO PURCHASERS AND HOLDERS OF U.S. SECURITIES AND TRANSFER RESTRICTIONS

### NOTICE TO PURCHASERS AND HOLDERS OF U.S. SECURITIES AND TRANSFER RESTRICTIONS

As a result of the following restrictions, purchasers of U.S. Securities are advised to consult legal counsel prior to making any purchase, offer, sale, resale, exercise, redemption or other transfer of such U.S. Securities.

Each purchaser of U.S. Securities will, by its purchase of such U.S. Securities, be deemed to acknowledge, represent and agree as follows (terms used in this paragraph that are defined in Rule 144A, Regulation S or the Conditions are used herein as defined therein):

- (i) that either: (a) in the case of the issue or transfer of a U.S. Security to or for a person who takes delivery in the form of U.S. Securities represented by a Rule 144A Global Security, it is (I) a QIB, purchasing (or holding) the U.S. Securities for its own account or for the account of one or more QIBs, in the case of U.S. Securities issued by BNPP or (II) a QIB and QP, purchasing (or holding) such U.S. Security for its own account or for the account of one or more QIBs who are QPs and that it is subject to such additional restrictions as may be contained in any required Investor Representation Letter or applicable supplement to the Base Prospectus, in the case of U.S. Securities issued by BNPP B.V., and it is aware, and each beneficial owner of such U.S. Securities has been advised, that any sale or transfer to it is being made in reliance on Rule 144A or (b) in the case of the issue or transfer of U.S. Securities to or for a person who takes delivery in the form of a Private Placement Definitive Security, it is an AI, purchasing (or holding) such U.S. Security for its own account or for the account of one or more AIs and it is aware, and each beneficial owner of such U.S. Security has been advised, that any sale or transfer to it is being made in reliance on an exemption from the registration requirements of the Securities Act, in the case of U.S. Securities issued by BNPP and it has delivered an Investor Representation Letter or (c) in the case of the issue or transfer of a U.S. Security to or for a person who takes delivery in the form of U.S. Securities represented by a Regulation S Global Security, it is outside the United States and is not (I) a "U.S. person" as defined in Regulation S under the Securities Act ("**Regulation S**"); or (II) a person other than a "Non-United States person" as defined in Rule 4.7 under the United States Commodity Exchange Act, as amended (the "**Commodity Exchange Act**"); or (III) a "U.S. person" as defined in (a) the Interpretive Guidance and Policy Statement Regarding Compliance with Certain Swap Regulations promulgated by the Commodity Futures Trading Commission (the "**CFTC**") or (b) the final rule relating to Cross-Border Application of the Registration Thresholds and Certain Requirements Applicable to Swap Dealers and Major Swap Participants promulgated by the CFTC, in each case as amended, modified or supplemented from time to time, pursuant to the Commodity Exchange Act; or (IV) any other "U.S. person" as such term may be defined in Regulation S or in regulations or guidance adopted under the Commodity Exchange Act (each such person, a "**U.S. person**"), and it is aware, and each beneficial owner of such U.S. Securities has been advised, that any sale or transfer to it is being made in reliance on Regulation S and pursuant to CFTC regulations and guidance;
- (ii) that in issuing a U.S. Security linked to any Relevant Asset, the Issuer is not making, and has not made, any representations whatsoever as to the Relevant Asset or any information contained in any document filed by the issuer of such Relevant Asset with any exchange or with any governmental entity regulating the purchase and sale of securities or a U.S. Security linked to any Relevant Asset;
- (iii) that BNPP and any Affiliate of BNPP may, whether by virtue of the types of relationships described above or otherwise, at the date hereof or at any time hereafter be in possession of information in relation to the issuer of a Relevant Asset which is or may be material in the context of an issue of U.S. Securities linked to such Relevant Asset and which is or may not be known to the general public or any Holder. U.S. Securities linked to any Relevant Asset do not create any obligation on the part of BNPP or any Affiliate to disclose to any Holder any such relationship or information (whether or not confidential) and neither BNPP nor any other Affiliate of BNPP shall be liable to any Holder by reason of such non-disclosure. No such information has been used in the selection of any issuer of a Relevant Asset for any U.S. Securities linked to any Relevant Asset;

## NOTICE TO PURCHASERS AND HOLDERS OF U.S. SECURITIES AND TRANSFER RESTRICTIONS

- (iv) that BNPP and any Affiliate of BNPP may have existing or future business relationships with the issuer of a Relevant Asset (including, but not limited to, lending, depositary, risk management advisory or banking relationships), and will pursue actions and take steps that it deems or they deem necessary or appropriate to protect its or their interests arising therefrom without regard to the consequences for a Holder of a U.S. Security linked to the issuer of a Relevant Asset;
- (v) that the market value of U.S. Securities linked to the issuer of a Relevant Asset may be adversely affected by movements in the value of the issuer of the Relevant Asset or in currency exchange rates;
- (vi) that the Settlement Amount in respect of any U.S. Security may be less than its issue price;
- (vii) that no U.S. Securities or Guarantees have been or will be registered under the Securities Act or any other applicable U.S. state securities laws, and no U.S. Securities may be offered or sold within the United States or to, or for the account or benefit of, U.S. persons except as set forth below;
- (viii) if in the future it decides to resell, pledge or otherwise transfer the U.S. Securities or any beneficial interests in the U.S. Securities, it will do so only (a)(I) to a person whom the seller reasonably believes is a QIB purchasing (or holding) such U.S. Security for its own account or for the account of one or more QIBs in a transaction meeting the requirements of Rule 144A, or, if provided for in the Final Terms, to an AI pursuant to an exemption from registration under the Securities Act, in the case of U.S. Securities issued by BNPP or (II) to a person whom the seller reasonably believes is a QP and a QIB, purchasing (or holding) such U.S. Security for its own account or for the account of one or more QIBs who are QPs in a transaction meeting the requirements of Rule 144A in the case of U.S. Securities issued by BNPP B.V., (b) outside the United States to a non-U.S. person in compliance with Regulation S and CFTC regulations and guidance, (c) otherwise pursuant to an exemption from registration under the Securities Act (if available) or (d) pursuant to an effective registration statement under the Securities Act, in each case, in accordance with all applicable U.S. state securities laws and as provided in the applicable Final Terms;
- (ix) it will, and will require each subsequent Holder to, notify any purchaser or other transferee of U.S. Securities from it of the transfer restrictions referred to in paragraph (viii) above, if then applicable;
- (x) that U.S. Securities initially offered in the United States by BNPP to QIBs will be represented by a Rule 144A Global Security, that U.S. Securities offered by BNPP to AIs will be in the form of Private Placement Definitive Securities, that U.S. Securities initially offered in the United States by BNPP B.V. to QIBs who are QPs will be represented by a Rule 144A Global Security and that, in each such case, the U.S. Securities offered outside the United States to non-U.S. persons in reliance on Regulation S and pursuant to CFTC regulations and guidance will be represented by a Regulation S Global Security. Such U.S. Securities represented by a Regulation S Global Security may not be legally or beneficially owned at any time by any U.S. person;
- (xi) on each day from the date on which it acquires U.S. Securities (or any interests therein) through and including the date on which it disposes of its interests in such U.S. Securities (or any interests therein), either that (a) it is not, and is not acting on behalf of or using the assets of, (i) an "employee benefit plan" (as defined in Section 3(3) of ERISA) subject to Title I of ERISA, (ii) a "plan" (as defined in Section 4975(e)(1) of the Code) subject to Section 4975 of the Code (including without limitation, an IRA), (iii) an entity whose underlying assets include the assets of any such employee benefit plan or plan by reason of Department of Labor Regulation Section 2510.3-101 (as modified by Section 3(42) of ERISA), or (iv) a governmental, church or non-U.S. plan which is subject to any Similar Law or (b) its acquisition, holding and disposition of such U.S. Securities (or any interests therein) (including, if applicable, the receipt of any Guarantee or Entitlement) will not constitute or result in a prohibited transaction under Section 406 of ERISA or Section 4975 of the Code (or, in the case of a governmental, church or non-U.S. plan, any Similar Law) unless an exemption is available with respect to such transactions and all the conditions of such exemption have been satisfied;

## NOTICE TO PURCHASERS AND HOLDERS OF U.S. SECURITIES AND TRANSFER RESTRICTIONS

- (xii) that, if it is, or is acting on behalf of, a Plan, (i) none of BNPP, BNPP B.V., any other party to the transactions referred to in this Base Prospectus or any of their respective affiliates, has provided any investment recommendation or investment advice on which it, or any Plan Fiduciary, has relied in connection with its decision to invest in the U.S. Securities and they are not otherwise undertaking to act as a fiduciary, as defined in Section 3(21) of ERISA or Section 4975(e)(3) of the Code, to the Plan or the Plan Fiduciary in connection with the Plan's acquisition of the U.S. Securities and (ii) the Plan Fiduciary is exercising its own independent judgment in evaluating the transaction;
- (xiii) that Rule 144A Global Securities issued by BNPP will bear a legend to the following effect unless otherwise agreed to by BNPP:

"THE SECURITIES REPRESENTED BY THIS RULE 144A GLOBAL SECURITY HAVE NOT BEEN REGISTERED AND WILL NOT BE REGISTERED UNDER THE UNITED STATES SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT") OR ANY OTHER APPLICABLE U.S. STATE SECURITIES LAWS. SECURITIES REPRESENTED BY THIS RULE 144A GLOBAL SECURITY MAY NOT BE OFFERED, SOLD, PLEDGED OR OTHERWISE TRANSFERRED WITHOUT REGISTRATION UNDER THE SECURITIES ACT UNLESS AN EXEMPTION FROM REGISTRATION IS AVAILABLE. BNP PARIBAS, THE ISSUER OF THIS RULE 144A GLOBAL SECURITY (THE "ISSUER"), HAS NOT REGISTERED AS AN INVESTMENT COMPANY UNDER THE INVESTMENT COMPANY ACT OF 1940, AS AMENDED. THE PURCHASER OR TRANSFEREE OF ANY SECURITY REPRESENTED BY THIS RULE 144A GLOBAL SECURITY ACKNOWLEDGES THE RESTRICTIONS ON THE TRANSFER OF THE SECURITIES SET FORTH BELOW AND AGREES THAT IT SHALL TRANSFER ANY SECURITY ONLY AS PROVIDED IN THE AGENCY AGREEMENT REFERRED TO HEREIN OR IN THE FINAL TERMS OR FINAL TERMS FOR EXEMPT SECURITIES, AS THE CASE MAY BE, ATTACHED HERETO.

THE EXERCISE OR REDEMPTION OF THESE SECURITIES MAY BE RESTRICTED AS SET FORTH IN THE FINAL TERMS OR FINAL TERMS FOR EXEMPT SECURITIES, AS THE CASE MAY BE.

EACH HOLDER OF A BENEFICIAL INTEREST IN THE SECURITIES REPRESENTED BY THIS RULE 144A GLOBAL SECURITY SHALL BE DEEMED TO HAVE REPRESENTED WITH RESPECT TO ITSELF AND EACH ACCOUNT FOR WHICH IT IS PURCHASING THAT IT AND EACH HOLDER OF SUCH ACCOUNT IS A QUALIFIED INSTITUTIONAL BUYER WITHIN THE MEANING OF RULE 144A AND ACQUIRED SUCH INTEREST IN A TRANSACTION MEETING THE REQUIREMENTS OF RULE 144A. [ANY RESALE OR OTHER TRANSFER OF AN INTEREST IN THE SECURITIES REPRESENTED BY THIS RULE 144A GLOBAL SECURITY SHALL REQUIRE THE TRANSFEROR TO SUBMIT TO THE RELEVANT AGENT A CERTIFICATE OF TRANSFER, IN THE APPROPRIATE FORM SET FORTH IN SCHEDULE 8 OF THE AGENCY AGREEMENT REFERRED TO HEREIN, TOGETHER, IN THE CASE OF TRANSFERS TO AN INSTITUTIONAL ACCREDITED INVESTOR WITHIN THE MEANING OF RULE 501(A) (1), (2), (3), (7), (8) OR (9) OF REGULATION D UNDER THE SECURITIES ACT, WITH A DULY EXECUTED INVESTOR REPRESENTATION LETTER FROM THE RELEVANT TRANSFEREE, IN THE FORM SET FORTH IN SCHEDULE 9 OF THE AGENCY AGREEMENT REFERRED TO HEREIN]<sup>1</sup>. IF AT ANY TIME THE NEW YORK AGENT SUBSEQUENTLY DETERMINES OR IS SUBSEQUENTLY NOTIFIED BY THE ISSUER THAT THE HOLDER OF ANY INTEREST IN THE SECURITIES REPRESENTED BY THIS RULE 144A GLOBAL SECURITY WAS IN BREACH, AT THE TIME GIVEN, OF ANY REPRESENTATION OR AGREEMENT GIVEN BY SUCH HOLDER, THE

---

<sup>1</sup> To be included if the Final Terms provide for transfers to AIs

## NOTICE TO PURCHASERS AND HOLDERS OF U.S. SECURITIES AND TRANSFER RESTRICTIONS

PURPORTED TRANSFER SHALL BE ABSOLUTELY NULL AND VOID *AB INITIO* AND SHALL VEST NO RIGHTS IN THE PURPORTED TRANSFEREE (SUCH PURPORTED TRANSFEREE, A "DISQUALIFIED TRANSFEREE") AND THE LAST PRECEDING HOLDER OF SUCH INTEREST THAT WAS NOT A DISQUALIFIED TRANSFEREE SHALL BE RESTORED TO ALL RIGHTS AS A HOLDER THEREOF RETROACTIVELY TO THE DATE OF TRANSFER OF SUCH INTEREST BY SUCH HOLDER.

BY ITS ACQUISITION AND HOLDING OF THE U.S. SECURITIES HEREOF (OR ANY INTERESTS HEREIN), THE HOLDER REPRESENTS, ON EACH DAY FROM THE DATE ON WHICH IT ACQUIRES THE U.S. SECURITIES (OR ANY INTERESTS THEREIN) THROUGH AND INCLUDING THE DATE ON WHICH IT DISPOSES OF SUCH U.S. SECURITIES (OR ANY INTERESTS THEREIN), EITHER THAT (A) IT IS NOT, AND IS NOT ACTING ON BEHALF OF OR USING THE ASSETS OF, (I) AN "EMPLOYEE BENEFIT PLAN" AS DEFINED IN SECTION 3(3) OF THE U.S. EMPLOYEE RETIREMENT INCOME SECURITY ACT OF 1974, AS AMENDED ("ERISA"), THAT IS SUBJECT TO TITLE I OF ERISA, (II) A "PLAN" AS DEFINED IN AND SUBJECT TO SECTION 4975 OF THE U.S. INTERNAL REVENUE CODE OF 1986, AS AMENDED (THE "CODE"), (III) AN ENTITY WHOSE UNDERLYING ASSETS INCLUDE THE ASSETS OF ANY SUCH EMPLOYEE BENEFIT PLAN OR PLAN BY REASON OF DEPARTMENT OF LABOR REGULATION SECTION 2510.3-101 (AS MODIFIED BY SECTION 3(42) OF ERISA) (EACH OF THE FOREGOING, A "PLAN"), OR (IV) A GOVERNMENTAL, CHURCH OR NON-U.S. PLAN SUBJECT TO NON-U.S. OR U.S. STATE OR LOCAL OR OTHER FEDERAL LAW OR REGULATION THAT IS SUBSTANTIALLY SIMILAR TO THE PROVISIONS OF SECTION 406 OF ERISA AND/OR SECTION 4975 OF THE CODE ("SIMILAR LAW"), OR (B) ITS ACQUISITION, HOLDING AND SUBSEQUENT DISPOSITION OF THE U.S. SECURITIES (OR ANY INTERESTS THEREIN) (INCLUDING, IF APPLICABLE, THE RECEIPT OF ANY GUARANTEE OR ENTITLEMENT) WILL NOT CONSTITUTE OR RESULT IN A NON-EXEMPT PROHIBITED TRANSACTION UNDER SECTION 406 OF ERISA OR SECTION 4975 OF THE CODE (OR IN THE CASE OF A GOVERNMENTAL, CHURCH OR NON-U.S. PLAN, A VIOLATION OF ANY SIMILAR LAW).

IF THE HOLDER HEREOF IS, OR IS ACTING ON BEHALF OF, A PLAN, IT WILL BE FURTHER DEEMED TO REPRESENT, WARRANT AND AGREE THAT (I) NONE OF BNPP, ANY OTHER PARTY TO THE TRANSACTIONS REFERRED TO IN THE BASE PROSPECTUS, OR ANY OF THEIR RESPECTIVE AFFILIATES, HAS PROVIDED ANY INVESTMENT RECOMMENDATION OR INVESTMENT ADVICE ON WHICH IT, OR ANY FIDUCIARY OR OTHER PERSON INVESTING THE ASSETS OF THE PLAN ("PLAN FIDUCIARY"), HAS RELIED IN CONNECTION WITH ITS DECISION TO INVEST IN THE U.S. SECURITIES AND THEY ARE NOT OTHERWISE UNDERTAKING TO ACT AS A FIDUCIARY, AS DEFINED IN SECTION 3(21) OF ERISA OR SECTION 4975(E)(3) OF THE CODE, TO THE PLAN OR THE PLAN FIDUCIARY IN CONNECTION WITH THE PLAN'S ACQUISITION OF THE U.S. SECURITIES AND (II) THE PLAN FIDUCIARY IS EXERCISING ITS OWN INDEPENDENT JUDGMENT IN EVALUATING THE TRANSACTION.

IF REQUESTED BY THE ISSUER OR BY AN AGENT, THE PURCHASER OR TRANSFEREE AGREES TO PROVIDE THE INFORMATION NECESSARY TO DETERMINE WHETHER THE TRANSFER OF SECURITIES REPRESENTED BY THIS RULE 144A GLOBAL SECURITY IS PERMISSIBLE UNDER THE SECURITIES ACT.

THE SECURITIES AND RELATED DOCUMENTATION MAY BE AMENDED OR SUPPLEMENTED FROM TIME TO TIME TO MODIFY THE RESTRICTIONS ON AND PROCEDURES FOR REALES AND OTHER TRANSFERS OF THE SECURITIES TO REFLECT ANY CHANGE IN APPLICABLE LAW OR REGULATION (OR THE INTERPRETATION THEREOF) OR IN PRACTICES RELATING TO THE RESALE OR TRANSFER OF RESTRICTED SECURITIES GENERALLY. BY THE ACCEPTANCE OF A



## NOTICE TO PURCHASERS AND HOLDERS OF U.S. SECURITIES AND TRANSFER RESTRICTIONS

SECURITY REPRESENTED BY THIS RULE 144A GLOBAL SECURITY, THE PURCHASER THEREOF SHALL BE DEEMED TO HAVE AGREED TO ANY SUCH AMENDMENT OR SUPPLEMENT.";

- (xiv) that Rule 144A Global Securities issued by BNPP B.V. will bear a legend to the following effect unless otherwise agreed to by BNPP B.V.:

"NEITHER THE SECURITIES NOR THE GUARANTEE OF THESE SECURITIES ISSUED BY BNP PARIBAS (THE "GUARANTOR") REPRESENTED BY THIS RULE 144A GLOBAL SECURITY HAVE BEEN REGISTERED OR WILL BE REGISTERED UNDER THE UNITED STATES SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT") OR ANY OTHER APPLICABLE U.S. STATE SECURITIES LAWS. SECURITIES REPRESENTED BY THIS RULE 144A GLOBAL SECURITY MAY NOT BE OFFERED, SOLD, PLEDGED OR OTHERWISE TRANSFERRED WITHOUT REGISTRATION UNDER THE SECURITIES ACT UNLESS AN EXEMPTION FROM REGISTRATION IS AVAILABLE. NEITHER BNP PARIBAS ISSUANCE B.V., THE ISSUER OF THIS RULE 144A GLOBAL SECURITY (THE "ISSUER"), NOR THE GUARANTOR, HAS REGISTERED AS AN INVESTMENT COMPANY UNDER THE INVESTMENT COMPANY ACT OF 1940, AS AMENDED (THE "1940 ACT"). THE PURCHASER OR TRANSFEREE OF ANY SECURITY REPRESENTED BY THIS RULE 144A GLOBAL SECURITY ACKNOWLEDGES THE RESTRICTIONS ON THE TRANSFER OF THE SECURITIES SET FORTH BELOW AND AGREES THAT IT SHALL TRANSFER ANY SECURITY ONLY AS PROVIDED IN THE AGENCY AGREEMENT REFERRED TO HEREIN OR IN THE FINAL TERMS OR FINAL TERMS FOR EXEMPT SECURITIES, AS THE CASE MAY BE, ATTACHED HERETO.

THE EXERCISE OR REDEMPTION OF THESE SECURITIES MAY BE RESTRICTED AS SET FORTH IN THE FINAL TERMS OR FINAL TERMS FOR EXEMPT SECURITIES, AS THE CASE MAY BE.

EACH HOLDER OF A BENEFICIAL INTEREST IN THE SECURITIES REPRESENTED BY THIS RULE 144A GLOBAL SECURITY SHALL BE DEEMED TO HAVE REPRESENTED WITH RESPECT TO ITSELF AND EACH ACCOUNT FOR WHICH IT IS PURCHASING THAT IT AND EACH HOLDER OF SUCH ACCOUNT IS (A) A QUALIFIED INSTITUTIONAL BUYER WITHIN THE MEANING OF RULE 144A AND ACQUIRED SUCH INTEREST IN A TRANSACTION MEETING THE REQUIREMENTS OF RULE 144A AND (B) (W) A QUALIFIED PURCHASER WITHIN THE MEANING OF SECTION 3(C) (7) OF THE 1940 ACT (X) WAS NOT FORMED FOR THE PURPOSE OF INVESTING IN THE ISSUER (UNLESS EACH BENEFICIAL OWNER OF THE PURCHASER IS A QUALIFIED PURCHASER), (Y) HAS RECEIVED THE NECESSARY CONSENT FROM ITS BENEFICIAL OWNERS IF THE PURCHASER IS A PRIVATE INVESTMENT COMPANY FORMED ON OR BEFORE APRIL 30, 1996 AND (Z) IS NOT A PENSION, PROFIT SHARING OR OTHER RETIREMENT TRUST FUND OR PLAN IN WHICH THE PARTNERS, BENEFICIARIES OR PARTICIPANTS, AS APPLICABLE, MAY DESIGNATE THE PARTICULAR INVESTMENT TO BE MADE, AND IN A TRANSACTION THAT MAY BE EFFECTED WITHOUT LOSS OF ANY APPLICABLE 1940 ACT EXEMPTION OR EXCLUSION.

ANY RESALE OR OTHER TRANSFER OF AN INTEREST IN THE SECURITIES REPRESENTED BY THIS RULE 144A GLOBAL SECURITY SHALL REQUIRE THE TRANSFEROR TO SUBMIT TO THE RELEVANT SECURITY AGENT A CERTIFICATE OF TRANSFER, IN THE FORM SET FORTH IN SCHEDULE 8 OF THE AGENCY AGREEMENT REFERRED TO HEREIN OR AS OTHERWISE PROVIDED BY THE ISSUER, TOGETHER WITH A DULY EXECUTED INVESTOR REPRESENTATION LETTER FROM THE RELEVANT TRANSFEREE, IN THE FORM SET FORTH IN SCHEDULE 9 OF THE AGENCY AGREEMENT REFERRED TO HEREIN OR AS OTHERWISE PROVIDED BY THE ISSUER. IF AT ANY TIME THE NEW YORK AGENT SUBSEQUENTLY DETERMINES OR IS SUBSEQUENTLY NOTIFIED BY THE ISSUER THAT THE HOLDER OF ANY INTEREST IN THE SECURITIES REPRESENTED BY THIS RULE 144A GLOBAL SECURITY WAS IN BREACH, AT THE TIME GIVEN,

## NOTICE TO PURCHASERS AND HOLDERS OF U.S. SECURITIES AND TRANSFER RESTRICTIONS

OF ANY REPRESENTATION OR AGREEMENT GIVEN BY SUCH HOLDER, THE PURPORTED TRANSFER SHALL BE ABSOLUTELY NULL AND VOID *AB INITIO* AND SHALL VEST NO RIGHTS IN THE PURPORTED TRANSFEREE (SUCH PURPORTED TRANSFEREE, A "DISQUALIFIED TRANSFEREE") AND THE LAST PRECEDING HOLDER OF SUCH INTEREST THAT WAS NOT A DISQUALIFIED TRANSFEREE SHALL BE RESTORED TO ALL RIGHTS AS A HOLDER THEREOF RETROACTIVELY TO THE DATE OF TRANSFER OF SUCH INTEREST BY SUCH HOLDER.

BY ITS ACQUISITION AND HOLDING OF THE U.S. SECURITIES HEREOF (OR ANY INTERESTS HEREIN), THE HOLDER REPRESENTS, ON EACH DAY FROM THE DATE ON WHICH IT ACQUIRES THE U.S. SECURITIES (OR ANY INTERESTS THEREIN) THROUGH AND INCLUDING THE DATE ON WHICH IT DISPOSES OF SUCH U.S. SECURITIES (OR ANY INTERESTS THEREIN), EITHER THAT (A) IT IS NOT, AND IS NOT ACTING ON BEHALF OF OR USING THE ASSETS OF, (I) AN "EMPLOYEE BENEFIT PLAN" AS DEFINED IN SECTION 3(3) OF THE U.S. EMPLOYEE RETIREMENT INCOME SECURITY ACT OF 1974, AS AMENDED ("ERISA"), THAT IS SUBJECT TO TITLE I OF ERISA, (II) A "PLAN" AS DEFINED IN AND SUBJECT TO SECTION 4975 OF THE U.S. INTERNAL REVENUE CODE OF 1986, AS AMENDED (THE "CODE"), (III) AN ENTITY WHOSE UNDERLYING ASSETS INCLUDE THE ASSETS OF ANY SUCH EMPLOYEE BENEFIT PLAN OR PLAN BY REASON OF DEPARTMENT OF LABOR REGULATION SECTION 2510.3-101 (AS MODIFIED BY SECTION 3(42) OF ERISA) (EACH OF THE FOREGOING, A "PLAN"), OR (IV) A GOVERNMENTAL, CHURCH OR NON-U.S. PLAN SUBJECT TO NON-U.S. OR U.S. STATE OR LOCAL OR OTHER FEDERAL LAW OR REGULATION THAT IS SUBSTANTIALLY SIMILAR TO THE PROVISIONS OF SECTION 406 OF ERISA AND/OR SECTION 4975 OF THE CODE ("SIMILAR LAW"), OR (B) ITS ACQUISITION, HOLDING AND SUBSEQUENT DISPOSITION OF THE U.S. SECURITIES (OR ANY INTERESTS THEREIN) (INCLUDING, IF APPLICABLE, THE RECEIPT OF ANY GUARANTEE OR ENTITLEMENT) WILL NOT CONSTITUTE OR RESULT IN A NON-EXEMPT PROHIBITED TRANSACTION UNDER SECTION 406 OF ERISA OR SECTION 4975 OF THE CODE (OR IN THE CASE OF A GOVERNMENTAL, CHURCH OR NON-U.S. PLAN, A VIOLATION OF ANY SIMILAR LAW).

IF THE HOLDER HEREOF IS, OR IS ACTING ON BEHALF OF, A PLAN, IT WILL BE FURTHER DEEMED TO REPRESENT, WARRANT AND AGREE THAT (I) NONE OF BNPP, BNPP B.V, ANY OTHER PARTY TO THE TRANSACTIONS REFERRED TO IN THE BASE PROSPECTUS, OR ANY OF THEIR RESPECTIVE AFFILIATES, HAS PROVIDED ANY INVESTMENT RECOMMENDATION OR INVESTMENT ADVICE ON WHICH IT, OR ANY FIDUCIARY OR OTHER PERSON INVESTING THE ASSETS OF THE PLAN ("PLAN FIDUCIARY"), HAS RELIED IN CONNECTION WITH ITS DECISION TO INVEST IN THE U.S. SECURITIES AND THEY ARE NOT OTHERWISE UNDERTAKING TO ACT AS A FIDUCIARY, AS DEFINED IN SECTION 3(21) OF ERISA OR SECTION 4975(E)(3) OF THE CODE, TO THE PLAN OR THE PLAN FIDUCIARY IN CONNECTION WITH THE PLAN'S ACQUISITION OF THE U.S. SECURITIES AND (II) THE PLAN FIDUCIARY IS EXERCISING ITS OWN INDEPENDENT JUDGMENT IN EVALUATING THE TRANSACTION.

IF REQUESTED BY THE ISSUER OR BY A SECURITY AGENT, THE PURCHASER OR TRANSFEREE AGREES TO PROVIDE THE INFORMATION NECESSARY TO DETERMINE WHETHER THE TRANSFER OF SECURITIES REPRESENTED BY THIS RULE 144A GLOBAL SECURITY IS PERMISSIBLE UNDER THE SECURITIES ACT. THE SECURITIES AND RELATED DOCUMENTATION MAY BE AMENDED OR SUPPLEMENTED FROM TIME TO TIME TO MODIFY THE RESTRICTIONS ON AND PROCEDURES FOR REALES AND OTHER TRANSFERS OF THE SECURITIES TO REFLECT ANY CHANGE IN APPLICABLE LAW OR REGULATION (OR THE INTERPRETATION THEREOF) OR IN PRACTICES RELATING TO THE RESALE OR TRANSFER OF RESTRICTED SECURITIES GENERALLY. BY THE ACCEPTANCE OF A SECURITY REPRESENTED

## NOTICE TO PURCHASERS AND HOLDERS OF U.S. SECURITIES AND TRANSFER RESTRICTIONS

BY THIS RULE 144A GLOBAL SECURITY, THE PURCHASER OR TRANSFEREE THEREOF SHALL BE DEEMED TO HAVE AGREED TO ANY SUCH AMENDMENT OR SUPPLEMENT.";

- (xv) that Private Placement Definitive Securities issued by BNPP will bear a legend to the following effect unless otherwise agreed to by BNPP:

"THIS SECURITY HAS NOT BEEN REGISTERED AND WILL NOT BE REGISTERED UNDER THE UNITED STATES SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT") OR ANY OTHER APPLICABLE U.S. STATE SECURITIES LAWS. THIS SECURITY MAY NOT BE OFFERED, SOLD, PLEDGED OR OTHERWISE TRANSFERRED WITHOUT REGISTRATION UNDER THE SECURITIES ACT UNLESS AN EXEMPTION FROM REGISTRATION IS AVAILABLE. BNP PARIBAS, THE ISSUER OF THIS SECURITY ("THE ISSUER"), HAS NOT REGISTERED AS AN INVESTMENT COMPANY UNDER THE INVESTMENT COMPANY ACT OF 1940, AS AMENDED. THE PURCHASER OR TRANSFEREE OF THIS SECURITY, BY ITS ACCEPTANCE HEREOF, ACKNOWLEDGES THE RESTRICTIONS ON THE TRANSFER OF THIS SECURITY SET FORTH BELOW AND AGREES THAT IT SHALL TRANSFER THIS SECURITY ONLY AS PROVIDED IN THE AGENCY AGREEMENT REFERRED TO HEREIN OR IN THE FINAL TERMS OR FINAL TERMS FOR EXEMPT SECURITIES, AS THE CASE MAY BE, ATTACHED HERETO.

THE EXERCISE OR REDEMPTION OF THESE SECURITIES MAY BE RESTRICTED AS SET FORTH IN THE FINAL TERMS OR FINAL TERMS FOR EXEMPT SECURITIES, AS THE CASE MAY BE. THIS SECURITY MAY ONLY BE TRANSFERRED, EXERCISED OR REDEEMED IN MINIMUM AMOUNTS OF U.S.\$250,000, AND THE REMAINING PORTION MUST BE AT LEAST U.S.\$250,000.

THE HOLDER OF THIS SECURITY SHALL BE REQUIRED TO REPRESENT WITH RESPECT TO ITSELF AND ANY ACCOUNT FOR WHICH IT IS PURCHASING THAT IT AND ANY HOLDER OF SUCH ACCOUNT IS AN INSTITUTIONAL "ACCREDITED INVESTOR" WITHIN THE MEANING OF RULE 501(A) (1), (2), (3), (7), (8) OR (9) OF REGULATION D UNDER THE SECURITIES ACT AND ACQUIRED SUCH INTEREST IN A TRANSACTION EXEMPT FROM THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT. ANY RESALE OR OTHER TRANSFER OF INTEREST IN THIS SECURITY SHALL REQUIRE THE TRANSFEROR TO SUBMIT TO THE RELEVANT AGENT A CERTIFICATE OF TRANSFER, IN THE APPROPRIATE FORM SET FORTH IN SCHEDULE 8 OF THE AGENCY AGREEMENT REFERRED TO HEREIN, TOGETHER, IN THE CASE OF A TRANSFER TO AN INSTITUTIONAL "ACCREDITED INVESTOR", WITH A DULY EXECUTED INVESTOR REPRESENTATION LETTER FROM THE RELEVANT TRANSFEREE, IN THE FORM SET FORTH IN SCHEDULE 9 OF THE AGENCY AGREEMENT REFERRED TO HEREIN. IF AT ANY TIME THE DEFINITIVE AGENT SUBSEQUENTLY DETERMINES OR IS SUBSEQUENTLY NOTIFIED BY THE ISSUER THAT THE HOLDER OF ANY INTEREST IN THIS SECURITY WAS IN BREACH, AT THE TIME GIVEN, OF ANY REPRESENTATION OR AGREEMENT GIVEN BY SUCH HOLDER, THE PURPORTED TRANSFER SHALL BE ABSOLUTELY NULL AND VOID *AB INITIO* AND SHALL VEST NO RIGHTS IN THE PURPORTED TRANSFEREE (SUCH PURPORTED TRANSFEREE, A "DISQUALIFIED TRANSFEREE") AND THE LAST PRECEDING HOLDER OF SUCH INTEREST THAT WAS NOT A DISQUALIFIED TRANSFEREE SHALL BE RESTORED TO ALL RIGHTS AS A HOLDER THEREOF RETROACTIVELY TO THE DATE OF TRANSFER OF SUCH INTEREST BY SUCH HOLDER.

BY ITS ACQUISITION AND HOLDING OF THE U.S. SECURITIES HEREOF (OR ANY INTERESTS HEREIN), THE HOLDER REPRESENTS, ON EACH DAY FROM THE DATE ON WHICH IT ACQUIRES THE U.S. SECURITIES (OR ANY INTERESTS THEREIN) THROUGH AND INCLUDING THE DATE ON WHICH IT DISPOSES OF SUCH U.S. SECURITIES (OR ANY INTERESTS THEREIN), EITHER THAT (A) IT IS NOT, AND IS NOT ACTING ON BEHALF OF OR USING THE ASSETS OF, (I) AN "EMPLOYEE

## NOTICE TO PURCHASERS AND HOLDERS OF U.S. SECURITIES AND TRANSFER RESTRICTIONS

BENEFIT PLAN" AS DEFINED IN SECTION 3(3) OF THE U.S. EMPLOYEE RETIREMENT INCOME SECURITY ACT OF 1974, AS AMENDED ("ERISA") THAT IS SUBJECT TO TITLE I OF ERISA, (II) A "PLAN" AS DEFINED IN AND SUBJECT TO SECTION 4975 OF THE U.S. INTERNAL REVENUE CODE OF 1986, AS AMENDED (THE "CODE"), (III) AN ENTITY WHOSE UNDERLYING ASSETS INCLUDE THE ASSETS OF ANY SUCH EMPLOYEE BENEFIT PLAN OR PLAN BY REASON OF DEPARTMENT OF LABOR REGULATION SECTION 2510.3-101 (AS MODIFIED BY SECTION 3(42) OF ERISA) (EACH OF THE FOREGOING, A "PLAN"), OR (IV) A GOVERNMENTAL, CHURCH OR NON-U.S. PLAN SUBJECT TO NON-U.S. OR U.S. STATE OR LOCAL OR OTHER FEDERAL LAW OR REGULATION THAT IS SUBSTANTIALLY SIMILAR TO THE PROVISIONS OF SECTION 406 OF ERISA AND/OR SECTION 4975 OF THE CODE ("SIMILAR LAW"), OR (B) ITS ACQUISITION, HOLDING AND SUBSEQUENT DISPOSITION OF THE U.S. SECURITIES (OR ANY INTERESTS THEREIN) (INCLUDING, IF APPLICABLE, THE RECEIPT OF ANY GUARANTEE OR ENTITLEMENT) WILL NOT CONSTITUTE OR RESULT IN A NON-EXEMPT PROHIBITED TRANSACTION UNDER SECTION 406 OF ERISA OR SECTION 4975 OF THE CODE (OR IN THE CASE OF A GOVERNMENTAL, CHURCH OR NON-U.S. PLAN, A VIOLATION OF ANY SIMILAR LAW).

IF THE HOLDER HEREOF IS, OR IS ACTING ON BEHALF OF, A PLAN, IT WILL BE FURTHER DEEMED TO REPRESENT, WARRANT AND AGREE THAT (I) NONE OF BNPP, ANY OTHER PARTY TO THE TRANSACTIONS REFERRED TO IN THE BASE PROSPECTUS, OR ANY OF THEIR RESPECTIVE AFFILIATES, HAS PROVIDED ANY INVESTMENT RECOMMENDATION OR INVESTMENT ADVICE ON WHICH IT, OR ANY FIDUCIARY OR OTHER PERSON INVESTING THE ASSETS OF THE PLAN ("PLAN FIDUCIARY"), HAS RELIED IN CONNECTION WITH ITS DECISION TO INVEST IN THE U.S. SECURITIES AND THEY ARE NOT OTHERWISE UNDERTAKING TO ACT AS A FIDUCIARY, AS DEFINED IN SECTION 3(21) OF ERISA OR SECTION 4975(E)(3) OF THE CODE, TO THE PLAN OR THE PLAN FIDUCIARY IN CONNECTION WITH THE PLAN'S ACQUISITION OF THE U.S. SECURITIES, AND (II) THE PLAN FIDUCIARY IS EXERCISING ITS OWN INDEPENDENT JUDGMENT IN EVALUATING THE TRANSACTION.

IF REQUESTED BY THE ISSUER OR BY AN AGENT, THE PURCHASER OR TRANSFEREE AGREES TO PROVIDE THE INFORMATION NECESSARY TO DETERMINE WHETHER THE TRANSFER OF THIS SECURITY IS PERMISSIBLE UNDER THE SECURITIES ACT.

IN CONNECTION WITH ANY TRANSFER, THE HOLDER WILL DELIVER TO THE DEFINITIVE AGENT SUCH OPINIONS OF COUNSEL, CERTIFICATES AND/OR OTHER INFORMATION AS IT MAY REASONABLY REQUIRE IN FORM REASONABLY SATISFACTORY TO IT AS PROVIDED FOR IN THE AGENCY AGREEMENT REFERRED TO HEREIN TO CONFIRM THAT THE TRANSFER COMPLIED WITH THE FOREGOING TRANSFER RESTRICTIONS AS PROVIDED FOR IN SUCH AGENCY AGREEMENT.

THIS SECURITY AND RELATED DOCUMENTATION MAY BE AMENDED OR SUPPLEMENTED FROM TIME TO TIME TO MODIFY THE RESTRICTIONS ON AND PROCEDURES FOR REALES AND OTHER TRANSFERS OF THIS SECURITY TO REFLECT ANY CHANGE IN APPLICABLE LAW OR REGULATION (OR THE INTERPRETATION THEREOF) OR IN PRACTICES RELATING TO THE RESALE OR TRANSFER OF RESTRICTED SECURITIES GENERALLY. BY THE ACCEPTANCE OF THIS SECURITY, THE PURCHASER OR TRANSFEREE HEREOF SHALL BE DEEMED TO HAVE AGREED TO ANY SUCH AMENDMENT OR SUPPLEMENT.";

- (xvi) that Regulation S Global Securities will bear a legend to the following effect unless otherwise agreed to by BNPP or BNPP B.V., as applicable:

## NOTICE TO PURCHASERS AND HOLDERS OF U.S. SECURITIES AND TRANSFER RESTRICTIONS

"[THE SECURITIES REPRESENTED BY THIS REGULATION S GLOBAL CERTIFICATE HAVE NOT BEEN REGISTERED AND WILL NOT BE REGISTERED UNDER THE UNITED STATES SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT") OR ANY OTHER APPLICABLE U.S. STATE SECURITIES LAWS. SECURITIES REPRESENTED BY THIS REGULATION S GLOBAL CERTIFICATE MAY NOT BE OFFERED, SOLD, PLEDGED OR OTHERWISE TRANSFERRED WITHOUT REGISTRATION UNDER THE SECURITIES ACT UNLESS AN EXEMPTION FROM REGISTRATION IS AVAILABLE. BNP PARIBAS, THE ISSUER OF THIS REGULATION S GLOBAL CERTIFICATE (THE "ISSUER"), HAS NOT REGISTERED AS AN INVESTMENT COMPANY UNDER THE INVESTMENT COMPANY ACT OF 1940, AS AMENDED (THE "1940 ACT"). THE PURCHASER OR TRANSFEREE OF ANY SECURITY REPRESENTED BY THIS REGULATION S GLOBAL CERTIFICATE ACKNOWLEDGES THE RESTRICTIONS ON THE TRANSFER OF THE SECURITIES SET FORTH BELOW AND AGREES THAT IT SHALL TRANSFER ANY SECURITY ONLY AS PROVIDED IN THE AGENCY AGREEMENT REFERRED TO HEREIN OR IN THE FINAL TERMS OR FINAL TERMS FOR EXEMPT SECURITIES, AS THE CASE MAY BE, ATTACHED HERETO.]<sup>2</sup>.

[NEITHER THE SECURITIES REPRESENTED BY THIS REGULATION S GLOBAL CERTIFICATE NOR THE GUARANTEE OF THESE SECURITIES ISSUED BY BNP PARIBAS (THE "GUARANTOR") HAVE BEEN REGISTERED OR WILL BE REGISTERED UNDER THE UNITED STATES SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT") OR ANY OTHER APPLICABLE U.S. STATE SECURITIES LAWS. SECURITIES REPRESENTED BY THIS REGULATION S GLOBAL CERTIFICATE MAY NOT BE OFFERED, SOLD, PLEDGED OR OTHERWISE TRANSFERRED WITHOUT REGISTRATION UNDER THE SECURITIES ACT UNLESS AN EXEMPTION FROM REGISTRATION IS AVAILABLE. NEITHER BNP PARIBAS ISSUANCE B.V., THE ISSUER OF THIS REGULATION S GLOBAL CERTIFICATE (THE "ISSUER"), NOR THE GUARANTOR, HAS REGISTERED AS AN INVESTMENT COMPANY UNDER THE INVESTMENT COMPANY ACT OF 1940, AS AMENDED (THE "1940 ACT"). THE PURCHASER OR TRANSFEREE OF ANY SECURITY REPRESENTED BY THIS REGULATION S GLOBAL CERTIFICATE ACKNOWLEDGES THE RESTRICTIONS ON THE TRANSFER OF THE SECURITIES SET FORTH BELOW AND AGREES THAT IT SHALL TRANSFER ANY SECURITY ONLY AS PROVIDED IN THE AGENCY AGREEMENT REFERRED TO HEREIN OR IN THE FINAL TERMS OR FINAL TERMS FOR EXEMPT SECURITIES, AS THE CASE MAY BE, ATTACHED HERETO.]<sup>3</sup>

THE SECURITIES REPRESENTED BY THIS REGULATION S GLOBAL CERTIFICATE MAY NOT BE HELD OR REDEEMED BY OR ON BEHALF OF ANY PERSONS THAT ARE (I) A "U.S. PERSON" AS DEFINED IN REGULATION S UNDER THE SECURITIES ACT ("REGULATION S"); OR (II) A PERSON OTHER THAN A "NON-UNITED STATES PERSON" AS DEFINED IN RULE 4.7 UNDER THE UNITED STATES COMMODITY EXCHANGE ACT, AS AMENDED (THE "COMMODITY EXCHANGE ACT"); OR (III) A "U.S. PERSON" AS DEFINED IN (A) THE INTERPRETATIVE GUIDANCE AND POLICY STATEMENT REGARDING COMPLIANCE WITH CERTAIN SWAP REGULATIONS PROMULGATED BY THE COMMODITY FUTURES TRADING COMMISSION (THE "CFTC") (B) THE FINAL RULE RELATING TO CROSS-BORDER APPLICATION OF THE REGISTRATION THRESHOLDS AND CERTAIN REQUIREMENTS APPLICABLE TO SWAP DEALERS AND MAJOR SWAP PARTICIPANTS PROMULGATED BY THE CFTC, IN EACH CASE AS AMENDED, MODIFIED OR SUPPLEMENTED FROM TIME TO TIME, PURSUANT TO THE COMMODITY EXCHANGE ACT; OR (IV) ANY OTHER

---

<sup>2</sup> Delete where BNPP B.V. is the Issuer.

<sup>3</sup> Delete if BNPP is the Issuer.

## NOTICE TO PURCHASERS AND HOLDERS OF U.S. SECURITIES AND TRANSFER RESTRICTIONS

"U.S. PERSON" AS SUCH TERM MAY BE DEFINED IN REGULATION S OR IN REGULATIONS OR GUIDANCE ADOPTED UNDER THE COMMODITY EXCHANGE ACT (EACH SUCH PERSON, A "U.S. PERSON").

EACH HOLDER OF A BENEFICIAL INTEREST IN THE SECURITIES REPRESENTED BY THIS REGULATION S GLOBAL CERTIFICATE SHALL BE DEEMED TO HAVE REPRESENTED WITH RESPECT TO ITSELF AND EACH ACCOUNT FOR WHICH IT IS PURCHASING THAT IT AND EACH HOLDER OF SUCH ACCOUNT IS NOT A U.S. PERSON (AS DEFINED IN REGULATION S) AND THAT IT AND EACH SUCH HOLDER HAS ACQUIRED SUCH INTEREST IN A TRANSACTION MEETING THE REQUIREMENTS OF REGULATION S AND CFTC REGULATIONS AND GUIDANCE AND WILL NOT ENGAGE IN HEDGING TRANSACTIONS WITH REGARD TO THE SECURITIES UNLESS IN COMPLIANCE WITH THE SECURITIES ACT. [IN THE CASE OF TRANSFERS TO AN INSTITUTIONAL "ACCREDITED INVESTOR" WITHIN THE MEANING OF RULE 501(A)(1), (2), (3), (7), (8) OR (9) OF REGULATION D UNDER THE SECURITIES ACT, ANY RESALE OR OTHER TRANSFER OF AN INTEREST IN THE SECURITIES REPRESENTED BY THIS REGULATION S GLOBAL CERTIFICATE SHALL, REQUIRE THE TRANSFEROR TO SUBMIT TO THE PRINCIPAL AGENT A TRANSFER CERTIFICATE, IN THE APPROPRIATE FORM SET FORTH IN SCHEDULE 8 OF THE AGENCY AGREEMENT REFERRED TO HEREIN, TOGETHER WITH A DULY EXECUTED INVESTOR REPRESENTATION LETTER FROM THE RELEVANT TRANSFEREE, IN THE FORM SET FORTH IN SCHEDULE 9 OF THE AGENCY AGREEMENT REFERRED TO HEREIN (OR IN THE FORM ATTACHED TO THE FINAL TERMS OR FINAL TERMS FOR EXEMPT SECURITIES, AS THE CASE MAY BE).]<sup>4</sup> [ANY RESALE OR OTHER TRANSFER OF AN INTEREST IN THE SECURITIES REPRESENTED BY THIS REGULATION S GLOBAL CERTIFICATE SHALL REQUIRE THE TRANSFEROR TO SUBMIT TO THE PRINCIPAL AGENT A TRANSFER CERTIFICATE, IN THE APPROPRIATE FORM SET FORTH IN SCHEDULE 8 OF THE AGENCY AGREEMENT REFERRED TO HEREIN, TOGETHER WITH A DULY EXECUTED INVESTOR REPRESENTATION LETTER FROM THE RELEVANT TRANSFEREE, IN THE FORM SET FORTH IN SCHEDULE 9 OF THE AGENCY AGREEMENT REFERRED TO HEREIN (OR IN THE FORM ATTACHED TO THE FINAL TERMS OR FINAL TERMS FOR EXEMPT SECURITIES, AS THE CASE MAY BE).]<sup>5</sup> IF AT ANY TIME THE PRINCIPAL AGENT SUBSEQUENTLY DETERMINES OR IS SUBSEQUENTLY NOTIFIED BY THE ISSUER THAT THE HOLDER OF ANY INTEREST IN THE SECURITIES REPRESENTED BY THIS REGULATION S GLOBAL CERTIFICATE WAS IN BREACH, AT THE TIME GIVEN, OF ANY REPRESENTATION OR AGREEMENT GIVEN BY SUCH HOLDER, THE PURPORTED TRANSFER SHALL BE ABSOLUTELY NULL AND VOID *AB INITIO* AND SHALL VEST NO RIGHTS IN THE PURPORTED TRANSFEREE (SUCH PURPORTED TRANSFEREE, A "DISQUALIFIED TRANSFEREE") AND THE LAST PRECEDING HOLDER OF SUCH INTEREST THAT WAS NOT A DISQUALIFIED TRANSFEREE SHALL BE RESTORED TO ALL RIGHTS AS A HOLDER THEREOF RETROACTIVELY TO THE DATE OF TRANSFER OF SUCH INTEREST BY SUCH HOLDER.

THE ACQUISITION OF U.S. SECURITIES (OR ANY INTEREST THEREIN) BY, OR ON BEHALF OF OR WITH THE ASSETS OF, ANY "EMPLOYEE BENEFIT PLAN" AS DEFINED IN SECTION 3(3) OF THE U.S. EMPLOYEE RETIREMENT INCOME SECURITY ACT OF 1974, AS AMENDED ("ERISA"), THAT IS SUBJECT TO TITLE I OF ERISA, OR ANY "PLAN" AS DEFINED IN SECTION 4975(E)(1) OF THE U.S. INTERNAL REVENUE CODE OF 1986, AS AMENDED (THE "CODE"), THAT IS SUBJECT TO

---

<sup>4</sup> To be included if the Final Terms provide for transfers to AIs. Delete if BNPP B.V. is the Issuer.

<sup>5</sup> Delete if BNPP Paribas is the Issuer.

## NOTICE TO PURCHASERS AND HOLDERS OF U.S. SECURITIES AND TRANSFER RESTRICTIONS

SECTION 4975 OF THE CODE, OR ANY ENTITY WHOSE UNDERLYING ASSETS INCLUDE THE ASSETS OF ANY SUCH EMPLOYEE BENEFIT PLAN OR PLAN BY REASON OF DEPARTMENT OF LABOR REGULATION SECTION 2510.3-101 (AS MODIFIED BY SECTION 3(42) OF ERISA), OR ANY GOVERNMENTAL, CHURCH OR NON-U.S. PLAN WHICH IS SUBJECT TO LOCAL, STATE, OTHER FEDERAL OR NON-U.S. LAW OR REGULATION THAT IS SUBSTANTIALLY SIMILAR TO SECTION 406 OF ERISA OR SECTION 4975 OF THE CODE IS PROHIBITED.

IF REQUESTED BY THE ISSUER OR BY AN AGENT, THE PURCHASER OR TRANSFEREE AGREES TO PROVIDE THE INFORMATION NECESSARY TO DETERMINE WHETHER THE TRANSFER OF SECURITIES REPRESENTED BY THIS REGULATION S GLOBAL CERTIFICATE IS PERMISSIBLE UNDER THE SECURITIES ACT.

THE SECURITIES AND RELATED DOCUMENTATION MAY BE AMENDED OR SUPPLEMENTED FROM TIME TO TIME TO MODIFY THE RESTRICTIONS ON AND PROCEDURES FOR REALES AND OTHER TRANSFERS OF THE SECURITIES TO REFLECT ANY CHANGE IN APPLICABLE LAW OR REGULATION (OR THE INTERPRETATION THEREOF) OR IN PRACTICES RELATING TO THE RESALE OR TRANSFER OF RESTRICTED SECURITIES GENERALLY. THE PURCHASER OR TRANSFEREE OF SECURITIES REPRESENTED BY THIS REGULATION S GLOBAL CERTIFICATE SHALL BE DEEMED TO HAVE AGREED TO ANY SUCH AMENDMENT OR SUPPLEMENT.";

- (xvii) that BNPP, BNPP B.V. and others will rely upon the truth and accuracy of the foregoing acknowledgements, representations and agreements and agrees that if any of such acknowledgements, representations or agreements made by it are no longer accurate, it shall promptly notify BNPP or BNPP B.V., as the case may be; and if it is acquiring any U.S. Securities as a fiduciary or agent for one or more accounts it represents that it has sole investment discretion with respect to each such account and that it has full power to make the foregoing acknowledgements, representations and agreements on behalf of each such account.
- (xviii) AIs who purchase U.S. Securities are required to execute and deliver to the Definitive Agent an Investor Representation Letter. Upon execution and delivery of an Investor Representation Letter by an AI, Private Placement Definitive Securities will be issued.

The Investor Representation Letter that AIs purchasing securities from BNPP are required to sign will state, among other things, the following:

- (a) that the AI or an investment advisor acting on its behalf has reviewed a copy of this Base Prospectus and the Final Terms relating to the Securities, including, without limitation, the risk factors relating to the Securities, and such other information as it deems necessary in order to make its investment decision;
- (b) that the AI is acquiring the Securities purchased by it for its own account or for one or more accounts (each of which is an AI) as to each of which it exercises sole investment discretion and has full power to make the foregoing acknowledgements, representations and agreements on behalf of each such account, and not with a view to any resale, distribution or other disposition of the Securities, subject, nevertheless, to the understanding that the disposition of its property shall at all times be and remain within its control;
- (c) that the purchaser and each account for which it is acting is an AI within the meaning of Rule 501(a)(1), (2), (3), (7), (8) or (9) of Regulation D under the Securities Act, and that it has such knowledge and experience in financial and business matters as to be capable of evaluating the merits and risks of its investment in the Securities, and it and any accounts for which it is acting are each able to bear the economic risk of its or any such accounts' investment for an indefinite period of time;

## NOTICE TO PURCHASERS AND HOLDERS OF U.S. SECURITIES AND TRANSFER RESTRICTIONS

- (d) that, on each day from the date on which it acquires the U.S. Securities (or any interests therein) through and including the date on which it disposes of its interests in such U.S. Securities, either that (a) the AI is not, and is not acting on behalf of or using the assets of, (i) an "employee benefit plan" as defined in Section 3(3) of ERISA that is subject to Title I of ERISA, (ii) a "plan" (as defined in Section 4975(e)(1) of the Code) and subject to Section 4975 of the Code (including without limitation, an individual retirement account), (iii) an entity whose underlying assets include the assets of any such employee benefit plan or plan by reason of Department of Labor Regulation Section 2510.3-101 (as modified by Section 3(42) of ERISA) (each of the foregoing, a "**Plan**"), or (iv) a governmental, church or non-U.S. plan which is subject to any Similar Law or (b) the AI's acquisition, holding and disposition of such U.S. Securities (or any interests therein) (including, if applicable, the receipt of any Guarantee or Entitlement) will not constitute or result in a prohibited transaction under Section 406 of ERISA or Section 4975 of the Code (or, in the case of a governmental, church or non-U.S. plan, a violation of any Similar Law) unless an exemption is available with respect to such transactions and all the conditions of such exemption have been satisfied.
- (e) that, if it is, or is acting on behalf of, a Plan, (i) none of BNPP, BNPP B.V., any other party to the transactions referred to in this Base Prospectus or any of their respective affiliates, has provided any investment recommendation or investment advice on which it, or any Plan Fiduciary, has relied in connection with its decision to invest in the U.S. Securities and they are not otherwise undertaking to act as a fiduciary, as defined in Section 3(21) of ERISA or Section 4975(e)(3) of the Code, to the Plan or the Plan Fiduciary in connection with the Plan's acquisition of the U.S. Securities and (ii) the Plan Fiduciary is exercising its own independent judgment in evaluating the transaction;
- (f) that the AI understands that the Securities are being offered and sold in a transaction not involving a public offering in the United States within the meaning of the Securities Act, and that the Securities have not been and will not be registered under the Securities Act or any other applicable U.S. Securities Laws and that any subsequent transfer of the Securities is subject to certain restrictions and conditions set forth in this Base Prospectus and the Final Terms relating to the Securities (including those set out above) and that it agrees to be bound by, and not to resell, pledge or otherwise transfer the Securities except in compliance with such restrictions and conditions and the Securities Act;
- (g) that the AI is a sophisticated investor that, in the normal course of its business, invests in or purchases securities similar to the Securities and any Relevant Asset and has knowledge and experience in investment matters;
- (h) that the AI acknowledges that (a) it did not rely on any investigation that the Issuer, any of its Affiliates or any person acting on their behalf may have conducted with respect to any Relevant Asset or the issuer of any such Relevant Asset, and none of such persons has made any representation to it, express or implied, with respect to any such Relevant Asset and the issuer of any such Relevant Asset; (b) it conducted and relied on its own investigation with respect to the Relevant Asset; and (c) it received all information that it believes is necessary or appropriate in connection with any such Relevant Asset;
- (i) that the AI acknowledges that it assumes all economic risk of loss that may occur as a result of changes in the prices of the Securities and the Relevant Assets in accordance with the terms of the Securities, and that it will not look directly or indirectly on BNPP or its Affiliates to indemnify it for such loss, and that it expressly holds BNPP and its Affiliates harmless in respect of any such loss; and
- (j) that the AI acknowledges that BNPP and others will rely upon the truth and accuracy of the foregoing acknowledgements, representations and agreements, and it agrees that if any of such



## **NOTICE TO PURCHASERS AND HOLDERS OF U.S. SECURITIES AND TRANSFER RESTRICTIONS**

acknowledgements, representations or agreements made by it are no longer accurate, it shall promptly notify BNPP.

- (xix) QIBs who are QPs who purchase U.S. Securities are required to execute and deliver to BNPP B.V. an Investor Representation Letter and to comply with such other restrictions on transfer and other requirements as may be set forth in the Investor Representation Letter or in any applicable U.S. wrapper to the Base Prospectus.

## OFFERING AND SALE

No action has been or will be taken by BNPP B.V., BNPP or the Managers that would permit a public offering of any Securities or possession or distribution of any offering material in relation to any Securities in any jurisdiction where action for that purpose is required. No offers, sales, re-sales or deliveries of any Securities, or distribution of any offering material relating to any Securities, may be made in or from any jurisdiction except in circumstances which will result in compliance with any applicable laws and regulations and which will not impose any obligation on BNPP B.V., BNPP and/or the Managers.

## United States

None of the Securities, the Guarantees or, in the case of Physical Delivery Securities, the Entitlement to be delivered upon the redemption (in the case of Physical Delivery Certificates) of such Securities has been, or will be, registered under the United States Securities Act of 1933, as amended (the "**Securities Act**") or any other applicable state securities laws, and trading in the Securities has not been approved by the Commodity Futures Trading Commission (the "**CFTC**") under the United States Commodity Exchange Act, as amended (the "**Commodity Exchange Act**"). None of the Issuers has registered as an investment company pursuant to the Investment Company Act. Unless otherwise specified in the applicable Final Terms, the Securities are being offered and sold in reliance on Regulation S under the Securities Act ("**Regulation S**" other than the U.S. Securities). No Securities, other than U.S. Securities, or interests therein, may at any time be offered, sold, resold, traded, pledged, exercised, redeemed, transferred or delivered, directly or indirectly, in the United States or to, or for the account or benefit of, a U.S. person and any offer, sale, resale, trade, pledge, exercise, redemption, transfer or delivery made, directly or indirectly, within the United States or to, or for the account or benefit of, a U.S. person will not be recognised, other than with respect to U.S. Securities. The Securities of such series may not be legally or beneficially owned at any time by any U.S. person and accordingly are being offered and sold outside the United States only to non-U.S. persons in reliance on Regulation S and pursuant to CFTC regulations and guidance.

As used herein, a "**U.S. person**" is (i) a "U.S. person" as defined in Regulation S; or (ii) a person other than a "Non-United States person" as defined in Rule 4.7 under the Commodity Exchange Act; or (iii) a "U.S. person" as defined in (a) the Interpretive Guidance and Policy Statement Regarding Compliance with Certain Swap Regulations promulgated by the CFTC or (b) the final rule relating to Cross-Border Application of the Registration Thresholds and Certain Requirements Applicable to Swap Dealers and Major Swap Participants promulgated by the CFTC, in each case as amended, modified or supplemented from time to time, pursuant to the Commodity Exchange Act; or (iv) any other "U.S. person" as such term may be defined in Regulation S or in regulations or guidance adopted under the Commodity Exchange Act (each such person, a "**U.S. person**").

If specified in the applicable Final Terms, certain issues of Securities may be offered and sold in the United States. Such U.S. Securities may only be offered and sold (a) by BNPP to (I) persons reasonably believed to be QIBs in reliance upon the exemption from the registration requirements of the Securities Act provided by Rule 144A and/or (II) certain institutional accredited investors ("**AI**s") (as defined in Rule 501(a)(1), (2), (3), (7), (8) or (9) of Regulation D under the Securities Act) in reliance upon an exemption from the registration requirements of the Securities Act or (b) by BNPP B.V. to persons reasonably believed to be a QIB and a QP in reliance upon the exemption from the registration requirements of the Securities Act provided by Rule 144A. In either such case, such U.S. Securities may concurrently be offered and sold to non-U.S. persons in offshore transactions in reliance on Regulation S. For further information on certain restrictions on resale, transfer, exercise and redemption, see "*Notice to Purchasers and Holders of U.S. Securities and Transfer Restrictions*". Offers and sales of U.S. Securities in the United States will be made only through broker-dealers who are registered as such under the Exchange Act.

Securities related to a specified interest in an exchange traded instrument or basket of interests in exchange traded instruments, a specified commodity or commodity index or basket of commodities and/or commodity indices, a specified interest rate or basket of interest rates or a specified inflation index or basket of inflation indices, a specified currency or basket of specified currencies, a specified fund share or unit or basket of fund shares or units, the credit of a specified

reference entity or reference entities, a specified futures contract or basket of futures contracts, or Hybrid Securities related to any of these asset classes, may not at any time be offered, sold, resold, held, traded, pledged, exercised, redeemed, transferred or delivered, directly or indirectly, in the United States or to, by or for the account or benefit of, persons that are (i) "**U.S. persons**" as defined in Regulation S under the Securities Act or; (ii) a person other than "**Non-United States persons**" as defined in Rule 4.7 under the Commodity Exchange Act; or (iii) a "**U.S. person**" as defined in (a) the Interpretive Guidance and Policy Statement Regarding Compliance with Certain Swap Regulations promulgated by the CFTC or (b) the final rule relating to Cross-Border Application of the Registration Thresholds and Certain Requirements Applicable to Swap Dealers and Major Swap Participants promulgated by the CFTC, in each case as amended, modified or supplemented from time to time, pursuant to the Commodity Exchange Act; or (iv) any other "**U.S. person**" as such term may be defined in Regulation S or in regulations or guidance adopted under the Commodity Exchange Act (each such person, a "**U.S. person**") unless expressly provided for pursuant to any applicable U.S. wrapper to the Base Prospectus. Any such applicable U.S. wrapper may restrict the types of Securities that can be offered, sold, resold, held, traded, pledged, exercised, redeemed, transferred or delivered and the terms of such Securities.

U.S. Securities are being offered from time to time within the United States by the Issuers through BNP Paribas Securities Corp., a broker-dealer affiliate of the Issuers (the "**Initial Dealer**"), in the case of U.S. Securities offered by BNPP or BNPP B.V., or one or more other broker-dealers appointed by the Issuers from time to time (collectively with the Initial Dealer, the "**U.S. Dealers**"). The U.S. Securities may be sold to each U.S. Dealer at a discount, as principal, for resale to investors or other purchasers at varying prices related to prevailing market prices at the time of resale, to be determined by such U.S. Dealer or, if so agreed, at a fixed offering price. BNPP or BNPP B.V., as the case may be, will have the sole right to accept offers to purchase U.S. Securities and may reject any proposed purchase of U.S. Securities in whole or in part. Each U.S. Dealer will have the right, in its discretion reasonably exercised, to reject any proposed purchase of U.S. Securities through it in whole or in part.

Each of BNPP and BNPP B.V. has reserved the right to sell U.S. Securities through one or more other dealers in addition to the U.S. Dealers and directly to investors on its own behalf in those jurisdictions where it is authorised to do so. No commission will be payable by either Issuer to any of the relevant U.S. Dealers on account of sales of U.S. Securities made through such other dealers or directly by such Issuer.

In addition, the U.S. Dealers may offer the U.S. Securities they have purchased as principal to other dealers. The U.S. Dealers may sell U.S. Securities to any dealer at a discount and, unless otherwise specified in the applicable Final Terms, such discount allowed to any dealer will not be in excess of the discount to be received by such U.S. Dealer from the applicable Issuer. Unless otherwise indicated in the applicable Final Terms, any U.S. Securities sold to a U.S. Dealer as principal will be purchased by such U.S. Dealer at a price equal to 100 per cent. of the principal amount thereof less a percentage equal to the commission applicable to any agency sale of U.S. Securities of identical maturity, and may be resold by the U.S. Dealer to investors and other purchasers as described above. After the initial offering of U.S. Securities to be resold to investors and other purchasers, the offering price (in the case of U.S. Securities to be resold at a fixed offering price), the concession and discount may be changed.

Each of BNPP and BNPP B.V. has agreed to indemnify each relevant U.S. Dealer against, or to make contributions relating to, certain civil liabilities, including liabilities under the Securities Act.

The Initial Dealer has advised the Issuers that the Initial Dealer may make a market in the U.S. Securities; however, BNPP or BNPP B.V., as the case may be, cannot provide any assurance that a secondary market for the U.S. Securities will develop. After a distribution of a series of U.S. Securities is completed, because of certain regulatory restrictions arising from its affiliation with the applicable Issuer, the Initial Dealer may not be able to make a market in such series of U.S. Securities or, except on a limited, unsolicited basis, effect any transactions for the account of any customer in such series of U.S. Securities. Other broker-dealers unaffiliated with the applicable Issuer will not be subject to such prohibitions.

## OFFERING AND SALE

This Base Prospectus and any Final Terms may be used by Affiliates of the Issuers in connection with offers and sales related to secondary market transactions in the U.S. Securities. Such Affiliates may act as principal or agent in such transactions. Such sales will be made at prices related to prevailing prices at the time of a sale.

BNP Paribas Securities Corp., the Initial Dealer for the U.S. Securities offered hereby, is a subsidiary of BNPP and an Affiliate of BNPP B.V.

Each U.S. Dealer may be deemed to be an "underwriter" within the meaning of the Securities Act, and any discounts and commissions received by it and any profit realised by it on resale of the U.S. Securities may be deemed to be underwriting discounts and commissions.

Each purchaser of U.S. Securities offered hereby in making its purchase will be deemed to have represented and agreed with the applicable Issuer as set forth under "Notice to Purchasers and Holders of U.S. Securities and Transfer Restrictions" herein.

In connection with sales of U.S. Securities outside the United States, each relevant U.S. Dealer will be required to agree that, except as described in the preceding paragraph, it has not offered, sold or delivered, and will not offer, sell or deliver, any Securities within the United States or to, or for the account or benefit of, U.S. persons as part of its distribution at any time.

In addition, an offer or sale of such U.S. Securities within the United States by any dealer may violate the registration requirements of the Securities Act if such offer or sale is made otherwise than in accordance with Rule 144A or another available exemption under the Securities Act.

Terms used above that are defined in Rule 144A or Regulation S have the respective meanings given to them therein, as applicable.

Securities in bearer form that are debt for U.S. federal income tax purposes are subject to U.S. tax law requirements and may not be offered, sold or delivered within the United States or its possessions or to United States persons, except in certain circumstances permitted by U.S. Treasury regulations. The applicable Final Terms will specify whether the provisions of U.S. Treas. Reg. Section 1.163-5(c)(2)(i)(C) (or any successor U.S. Treasury Regulation section including, without limitation, regulations issued in accordance with U.S. Internal Revenue Service Notice 2012-20 or otherwise in connection with the U.S. Hiring Incentives to Restore Employment Act of 2010) ("**TEFRA C**") apply or do not apply ("**TEFRA not applicable**") to the issuance of Securities. Terms used in this paragraph have the meanings given to them by the U.S. Internal Revenue Code of 1986 and the Treasury regulations promulgated thereunder.

The Final Terms in respect of any U.S. Securities will set forth additional information relating to the offer, sale or distribution of U.S. Securities.

The issuance of the Securities which constitute Secured Securities was not designed to comply with the U.S. Risk Retention Rules other than the "foreign transaction safe harbor" exemption under the U.S. Risk Retention Rules, and no other steps have been taken by the Issuer, BNPP, any Manager or any of their affiliates or any other party to accomplish such compliance.

As part of the initial distribution of the Securities of each Series which constitute Secured Securities, such Securities may not be purchased by any person except for persons that are not "U.S. persons" as defined in the U.S. Risk Retention Rules, or "**Risk Retention U.S. Persons**". "**U.S. Risk Retention Rules**" means Regulation RR (17 C.F.R Part 246) implementing the risk retention requirements of Section 15G of the U.S. Securities Exchange Act of 1934, as amended. Prospective investors should note that, although the definition of "U.S. person" in the U.S. Risk Retention Rules is very similar to the definition of "U.S. person" in Regulation S, there are substantial differences between the two definitions and that persons who are not "U.S. persons" under Regulation S may be "U.S. persons" under the U.S. Risk Retention Rules.

Secured Securities are issued and offered in reliance on an exemption from the U.S. Risk Retention Rules for non-U.S. transactions. To qualify for the "foreign transaction safe harbour" exemption, non-U.S. transactions must meet certain requirements, including that (1) the transaction is not required to be and is not registered under the Securities Act; (2) no more than 10 per cent. of the securities issued in the securitization transaction are sold or transferred to, or for the account or benefit of, U.S. persons (as defined in the U.S. Risk Retention Rules and referred to in this prospectus as "Risk Retention U.S. Persons"); (3) neither the sponsor nor the issuer of the securitization transaction is organized under U.S. law or is a branch located in the United States of a non-U.S. entity; and (4) no more than 25 per cent. of the underlying collateral was acquired from a majority-owned affiliate or branch of the sponsor or issuer organized or located in the United States.

Each purchaser of Securities which constitute Secured Securities, including beneficial interests in such Securities shall be deemed to have made the following representations: that it (1) is not a Risk Retention U.S. Person, (2) is acquiring such Securities or a beneficial interest in such Securities for its own account and not with a view to distribute such Securities, or, in the case of a distributor, will only distribute such Securities to a person which is not a Risk Retention U.S. Person, and (3) is not acquiring such Securities or a beneficial interest in such Securities as part of a scheme to evade the requirements of the U.S. Risk Retention Rules.

Notwithstanding the foregoing, the Issuer may sell a limited portion of such Securities to, or for the account or benefit of, Risk Retention U.S. Persons under an exemption from the U.S. Risk Retention Rules.

### **Prohibition of Sales to EEA and UK Retail Investors**

Please note that in relation to EEA states, additional selling restrictions may apply in respect of any specific EEA state, including those set out below in relation to Belgium, Croatia, the Czech Republic, Denmark, Finland, France, Germany, Hungary, Ireland, Italy, Luxembourg, Norway, Poland, Portugal, Romania, Slovakia, Spain and Sweden. Please also note that additional selling restrictions apply in respect of the United Kingdom, as set out below.

### ***Prohibition of Sales to EEA Retail Investors***

If the Final Terms in respect of any Securities specifies "Prohibition of Sales to EEA and UK Retail Investors – Selling Restriction" as applicable, Securities which are the subject of the offering contemplated by the Base Prospectus as completed by the Final Terms in relation thereto may not be offered, sold or otherwise made available to any retail investor in the EEA other than in the jurisdiction(s) for which a key information document is made available. If the Final Terms in respect of any Securities specifies the "Prohibition of Sales to EEA and UK Retail Investors – Selling Restriction" as not applicable, Securities which are the subject of the offering contemplated by the Base Prospectus as completed by the Final Terms in relation thereto may be offered, sold or otherwise made available to any retail investor in the EEA, provided that, where a key information document is required pursuant to Regulation (EU) No 1286/2014 (the "**PRIIPs Regulation**"), the Securities may only be offered, sold or otherwise made available to retail investors in the jurisdiction(s) for which a key information document is made available. For the purposes of this provision:

- (a) the expression "**retail investor**" means a person who is one (or more) of the following:
  - (i) a retail client as defined in point (11) of Article 4(1) of Directive 2014/65/EU (as amended, "**MiFID II**"); or
  - (ii) a customer within the meaning of Directive (EU) 2016/97 (the "**Insurance Distribution Directive**"), where that customer would not qualify as a professional client as defined in point (10) of Article 4(1) of MiFID II; or
  - (iii) not a qualified investor as defined in the Prospectus Regulation; and

- (b) the expression an "**offer**" includes the communication in any form and by any means of sufficient information on the terms of the offer and the Securities to be offered so as to enable an investor to decide to purchase or subscribe for the Securities.

With respect to each Member State of the EEA (each, a "**Member State**"), offers of Securities which are the subject of the offering contemplated by this Base Prospectus as completed by the final terms in relation thereto to the public in that Member State may not be made except offers of such Securities to the public in that Member State and in the jurisdiction(s) for which a key information document is made available may be made:

- (a) if the final terms in relation to the Securities specify that an offer of those Securities may be made other than pursuant to Article 1(4) of the Prospectus Regulation in that Member State (a "**Non-exempt Offer**"), following the date of publication of a prospectus in relation to those Securities which has been approved by the competent authority in that Member State or, where appropriate, approved in another Member State and notified to the competent authority in that Member State, provided that any such prospectus has subsequently been completed by the final terms contemplating such Non-exempt Offer in accordance with the Prospectus Regulation, in the period beginning and ending on the dates specified in such prospectus or final terms as applicable and the relevant Issuer has consented in writing to its use for the purpose of that Non-exempt Offer;
- (b) at any time to any legal entity which is a qualified investor as defined in the Prospectus Regulation;
- (c) at any time to fewer than 150 natural or legal persons (other than qualified investors as defined in the Prospectus Regulation) subject to obtaining the prior consent of the relevant Issuer or any Manager for any such offer; or
- (d) at any time in any other circumstances falling within Article 1(4) of the Prospectus Regulation,

provided that no such offer of Securities referred to in (b) to (d) above shall require the relevant Issuer to publish a prospectus pursuant to Article 3 of the Prospectus Regulation, or supplement a prospectus pursuant to Article 23 of the Prospectus Regulation.

For the purposes of this provision:

- (i) the expression an "**offer of Securities to the public**" in relation to any Securities in any Member State means the communication in any form and by any means of sufficient information on the terms of the offer and the Securities to be offered so as to enable an investor to decide to purchase or subscribe for the Securities; and
- (ii) "**Prospectus Regulation**" means Regulation (EU) 2017/1129.

### ***Prohibition of Sales to UK Retail Investors***

If the Final Terms in respect of any Securities specifies "Prohibition of Sales to EEA and UK Retail Investors – Selling Restriction" as applicable, Securities which are the subject of the offering contemplated by the Base Prospectus as completed by the Final Terms in relation thereto may not be offered, sold or otherwise made available to any retail investor in the United Kingdom unless a key information document (if required) is made available in the United Kingdom. If the Final Terms in respect of any Securities specifies the "Prohibition of Sales to EEA and UK Retail Investors – Selling Restriction" as not applicable, Securities which are the subject of the offering contemplated by the Base Prospectus as completed by the Final Terms in relation thereto may be offered, sold or otherwise made available to any retail investor in the United Kingdom, provided that, where a key information document is required pursuant to Regulation (EU) No 1286/2014 as it forms part of domestic law by virtue of the European Union (Withdrawal) Act 2018 ("**EUWA**") (the "**UK PRIIPs Regulation**"), the Securities may only be offered, sold or otherwise made available to retail investors in the United Kingdom if a key information document is made available in the United Kingdom. For the purposes of this provision:

- (a) the expression "**retail investor**" means a person who is one (or more) of the following:

## OFFERING AND SALE

- (i) a retail client, as defined in point (8) of Article 2 of Regulation (EU) No 2017/565 as it forms part of domestic law by virtue of the EUWA; or
  - (ii) a customer within the meaning of the provisions of the Financial Services and Markets Act 2000 ("**FSMA**") and any rules or regulations made under the FSMA to implement Directive (EU) 2016/97, where that customer would not qualify as a professional client, as defined in point (8) of Article 2(1) of Regulation (EU) No 600/2014 as it forms part of domestic law by virtue of the EUWA; or
  - (iii) not a qualified investor as defined in Article 2 of the UK Prospectus Regulation; and
- (b) the expression an "**offer**" includes the communication in any form and by any means of sufficient information on the terms of the offer and the Securities to be offered so as to enable an investor to decide to purchase or subscribe for the Securities.

Offers of Securities which are the subject of the offering contemplated by this Base Prospectus as completed by the final terms in relation thereto to the public in the United Kingdom may not be made, except offers of such Securities to the public in the United Kingdom may be made if a key information document is made available and:

- (a) at any time to any legal entity which is a qualified investor as defined in Article 2 of the UK Prospectus Regulation;
- (b) at any time to fewer than 150 natural or legal persons (other than qualified investors as defined in Article 2 of the UK Prospectus Regulation) in the United Kingdom subject to obtaining the prior consent of the relevant Issuer or any Manager for any such offer; or
- (c) at any time in any other circumstances falling within section 86 of the FSMA,

provided that no such offer of Securities referred to in (a) to (c) above shall require the relevant Issuer to publish a prospectus pursuant to section 85 of the FSMA, or supplement a prospectus pursuant to Article 23 of the UK Prospectus Regulation.

For the purposes of this provision:

- (i) the expression an "**offer of Securities to the public**" in relation to any Securities means the communication in any form and by any means of sufficient information on the terms of the offer and the Securities to be offered so as to enable an investor to decide to purchase or subscribe for the Securities; and
- (ii) "**UK Prospectus Regulation**" means Regulation (EU) 2017/1129 as it forms part of domestic law by virtue of the EUWA.

### Australia

This document and the offer of Certificates is only made available in Australia to persons to whom a disclosure document such as a prospectus or product disclosure statement is not required to be given under either Chapter 6D or Part 7.9 of the Corporations Act 2001 (Cth). This document is not a prospectus, product disclosure statement or any other form of formal "disclosure document" for the purposes of Australian Law, and is not required to, and does not, contain all the information which would be required in a product disclosure statement or prospectus under Australian law.

This document is only provided on the condition that the information in and accompanying this document is strictly for the use of prospective investors and their advisers only. Neither this document nor any extract or conclusion from this document may be provided to any other person in Australia without the written consent of the Issuer, which it may withhold in its absolute discretion. This document has not been and will not be lodged or registered with the Australian Securities and Investments Commission or the ASX Limited or any other regulatory body or agency in Australia. The persons referred to in this document may not hold Australian Financial Services licences. No cooling off regime applies

to an acquisition of the Certificates. Under no circumstances is this document to be used by a retail client for the purpose of making a decision about a financial product.

This document contains general advice only and does not take into account the investment objectives, financial situation or needs of any particular person. Accordingly, before making an investment decision in relation to this document, you should assess whether the acquisition of the Certificates is appropriate in light of your own financial circumstances or seek professional advice.

An investor may not transfer or offer to transfer Certificates to any person located in, or a resident of Australia, unless the person is a person to whom a disclosure document such as a prospectus or product disclosure statement is not required to be given under either Chapter 6D or Part 7.9 of the Corporations Act 2001 (Cth). There may be restrictions on the offer for re-sale of any Certificates in Australia for a period of 12 months after their issue. Because of these restrictions, investors are advised to consult legal counsel prior to making any offer for re-sale of Certificates in Australia.

### **Bahrain**

This Base Prospectus does not constitute an offer of securities in the Kingdom of Bahrain ("**Bahrain**") in terms of Article (81) of the Central Bank and Financial Institutions Law 2006 (decree Law No. 64 of 2006). This Base Prospectus and related offering documents have not been and will not be registered as a prospectus with the Central Bank of Bahrain (the "**CBB**"). Accordingly, the Securities cannot be offered, sold or made the subject of an invitation for subscription or purchase nor can this Base Prospectus or any other related document or material be used in connection with any offer, sale or invitation to subscribe for or purchase the Securities, whether directly or indirectly, to persons in Bahrain, other than as marketing to accredited investors for an offer outside Bahrain.

The CBB has not reviewed, approved or registered this Base Prospectus or related offering documents and it has not in any way considered the merits of the Securities to be marketed for investment, whether in or outside Bahrain. Therefore, the CBB assumes no responsibility for the accuracy and completeness of the statements and information contained in this Base Prospectus and expressly disclaims any liability whatsoever for any loss howsoever arising from reliance upon the whole or any part of the content of this Base Prospectus.

The Securities cannot be offered to the public in Bahrain and this Base Prospectus must be read by the addressee only and must not be issued, passed to, or made available to the public generally.

### **Belgium**

Other than in respect of Securities for which "Prohibition of Sales to Belgian Consumers" is specified as "Not applicable" in the applicable Final Terms, an offering of Securities may not be advertised to any individual in Belgium qualifying as a consumer (*consumenten/consommateurs*) within the meaning of Article I.1, 2° of the Belgian Code of Economic Law (*Wetboek economisch recht/Code de droit économique*), as amended from time to time (a "**Belgian Consumer**") and Securities may not be offered, sold or resold, transferred or delivered, and no prospectus, memorandum, information circular, brochure or any similar documents in relation to the Securities may be distributed, directly or indirectly, to any Belgian Consumer.

With respect to Securities with a maturity of less than 12 months qualifying as money market instruments within the meaning of Regulation (EU) 2017/1129, no action will be taken by the relevant Issuer or any Manager in connection with the issue, sale, transfer, delivery, offering or distribution (or otherwise) of such Securities that would require the publication of a prospectus pursuant to the Belgian law of 11 July 2018 on the offering of investment instruments to the public and the admission of investment instruments to trading on a regulated market.

In the case of Fund Securities, if the relevant underlying funds are not registered in Belgium with the Belgian Financial Services and Markets Authority (*Autoriteit voor Financiële Diensten en Markten/Autorité des services et marchés financiers*) in accordance with the Belgian law of 3 August 2012 on the collective investment undertakings satisfying the



conditions set out in Directive 2009/65/EC and undertakings for investment in receivables, as amended or replaced from time to time, or the Belgian law of 19 April 2014 on alternative collective investment undertakings and their managers, as amended or replaced from time to time, as applicable, such Fund Securities cannot be offered in Belgium unless (i) such Securities are cash settled or (ii) if the relevant underlying fund is a UCITS within the meaning of Directive 2009/65/EC, such Securities are offered to qualified investors only or to fewer than 150 natural or legal persons (other than qualified investors). The shares and other securities issued by such non-registered funds cannot be offered publicly in Belgium.

The Securities shall not be physically delivered in Belgium, except to a clearing system, a depository or other institution for the purpose of their immobilisation in accordance with Article 4 of the Belgian Law of 14 December 2005.

### Czech Republic

The Base Prospectus has not been and will not be approved by the Czech National Bank. No action has been taken in the Czech Republic (including obtaining approval of the prospectus from the Czech National Bank and admission to trading on a regulated market (as defined in section 55(1) of the Act of the Czech Republic No. 256/2004 Coll., on Conducting Business in the Capital Market, as amended (the "**Capital Market Act**"))) for the purposes of any Securities to qualify as securities admitted to trading on the regulated market in the Czech Republic within the meaning of the Capital Market Act.

No offers or sales of any Securities may be made in the Czech Republic through a public offering (*veřejná nabídka*), except if in compliance with Regulation (EU) 2017/1129 (the "**Prospectus Regulation**") and the Capital Market Act. Public offering means, subject to several exemptions set out in the Prospectus Regulation and the Capital Market Act, a communication to persons in any form and by any means, presenting sufficient information on the terms of the offer and the securities to be offered, so as to enable an investor to decide to purchase or subscribe for those securities.

All applicable provisions of the Capital Market Act, the Act of the Czech Republic No. 21/1992 Coll., on Banks, as amended, the Act of the Czech Republic No. 240/2013 Coll., on Management Companies and Investment Funds, as amended or any other applicable laws of the Czech Republic in respect of the Securities and its offering in the Czech Republic have been complied with.

### Denmark

The Securities have not been offered or sold and may not be offered, sold or delivered directly or indirectly in Denmark, nor admitted to trading on a regulated market in Denmark, unless and until (A) a prospectus in relation to those Securities has been published following approval by the *Autorité des marchés financiers* (the "**AMF**") in accordance with Regulation (EU) 2017/1129 (the "**Prospectus Regulation**") and the AMF has notified the Danish Financial Supervisory Authority (the "**Danish FSA**") as the competent authority under the Prospectus Regulation in Denmark, all in accordance with the provisions of Consolidated Act No. 2014 of 1 November 2021 on Capital Markets (the "**Danish Capital Markets Act**"), as amended from time to time, the executive orders issued pursuant to the Danish Capital Markets Act and the Prospectus Regulation, all as applicable, amended and in force from time to time; or (B) an exemption from the requirement to prepare and publish a prospectus is available under the Danish Capital Markets Act, any executive order issued pursuant to the Danish Capital Markets Act and/or the Prospectus Regulation as applicable, amended and in force from time to time.

### Dubai International Financial Centre (DIFC)

The Securities may not be offered or sold in the DIFC other than pursuant to an exempt offer in accordance with the Markets Rules (the "**Rules**") of the Dubai Financial Services Authority (the "**DFSA**"). This Base Prospectus is intended for distribution only to persons of a type specified in those Rules. It must not be delivered to, or relied on, by any other person. The Securities to which this Base Prospectus relates may be illiquid and/or subject to restrictions on their sale. Prospective purchasers of the Securities should conduct their own due diligence on the Securities. The DFSA has no

responsibility for reviewing or verifying any document in connection with exempt offers. The DFSA has not approved this Base Prospectus nor taken steps to verify the information set out in it. The DFSA does not accept any responsibility for the content of the information included in this Base Prospectus, including the accuracy or completeness of such information. The liability for the content of this Base Prospectus lies with the relevant Issuer and other persons, such as experts, whose opinions are included in the Base Prospectus with their consent. The DFSA has also not assessed the suitability of the Securities to which this Base Prospectus relates for any particular investor or type of investor. Investors that do not understand the contents of this Base Prospectus or are unsure whether the Securities to which this Base Prospectus relates are suitable for their individual investment objectives and circumstances, should consult an authorised financial advisor.

### Finland

The Securities may not be offered or sold, directly or indirectly, to any resident of the Republic of Finland or in the Republic of Finland, except pursuant to applicable Finnish laws and regulations. Specifically, the Securities may not be offered or sold, directly or indirectly, to the public in the Republic of Finland as defined in the Regulation (EU) 2017/1129 (the "**Prospectus Regulation**") and the Finnish Securities Market Act (746/2012, as amended). This Base Prospectus may not be distributed in the Republic of Finland, other than (i) to a limited number of less than one hundred fifty pre-selected investors and/or (ii) to an unlimited number of qualified investors, as defined under the Prospectus Regulation, provided that, the Securities are addressed to investors who acquire Securities for a total consideration of at least EUR 100,000 (or its equivalent in another currency) per investor, for each separate offer or have a notional amount at least equal to EUR 100,000 (or its equivalent in another currency), and that the offering of the Securities does not constitute a public offering as defined in the Prospectus Regulation and the Finnish Securities Market Act unless and until a prospectus in relation to those Securities has been published following approval by the *Autorité des marchés financiers* (the "**AMF**") in accordance with the Prospectus Regulation and the AMF has notified the prospectus to the competent authority in Finland (the "**Finnish Financial Supervisory Authority**") in accordance with the Prospectus Regulation. This Base Prospectus has not been and will not be approved by the Finnish Financial Supervisory Authority.

### France

Any offer, placement or sale of the Securities in France will only be made in compliance with all applicable French laws and regulations in force regarding such offer, placement or sale of the Securities and the distribution in France of the Base Prospectus or any other offering material relating to the Securities.

### Hong Kong

No person:

- (a) has offered or sold or will offer or sell in Hong Kong, by means of any document, any Securities (except for Securities which are a "structured product" as defined in the Securities and Futures Ordinance (Cap. 571) of Hong Kong (the "**SFO**")) other than (i) to "professional investors" as defined in the SFO and any rules made under the SFO; or (ii) in other circumstances which do not result in the document being a "prospectus" as defined in the Companies (Winding Up and Miscellaneous Provisions) Ordinance (Cap. 32) of Hong Kong (the "**C(WUMP)O**") or which do not constitute an offer to the public within the meaning of the C(WUMP)O; and
- (b) has issued or had in its possession for the purposes of issue, or will issue or have in its possession for the purposes of issue, whether in Hong Kong or elsewhere, any advertisement, invitation or document relating to the Securities, which is directed at, or the contents of which are likely to be accessed or read by, the public of Hong Kong (except if permitted to do so under the securities laws of Hong Kong) other than with respect to Securities which are or are intended to be disposed of only to persons outside Hong Kong or only to "professional investors" as defined in the SFO and any rules made under the SFO.

## Hungary

In addition to the rules applicable to the European Economic Area as described above, in connection with any private placement in Hungary, (i) all investors are required to receive the same information which is material or necessary to the evaluation of the relevant Issuer's current market, economic, financial and legal situation and its expected development, including that which was discussed in any personal consultation with an investor, and (ii) the following standard wording is required to be included in all written communication in relation to the private placement:

"PURSUANT TO SECTION 18 OF ACT CXX OF 2001 ON THE CAPITAL MARKETS, THIS [NAME OF DOCUMENT] WAS PREPARED IN CONNECTION WITH A PRIVATE PLACEMENT IN HUNGARY."

## India

Each holder of Securities and each beneficial owner of a Certificate will be required to make the representations and warranties set out below, as a condition to purchasing or owning such Certificates:

- (a) The holder is not:
  - (i) a "person resident in India" (as such term is defined under the Foreign Exchange Management Act, 1999, as may be amended or supplemented from time to time (the "**FEMA**"));
  - (ii) a "non-resident Indian" and "overseas citizen of India" (as such terms are defined under rule 2 of the Foreign Exchange Management (Non-debt Instruments) Rules, 2019 under the FEMA, as may be amended or supplemented from time to time);
  - (iii) registered as a Category II foreign portfolio investor with the Securities and Exchange Board of India (the "**SEBI**"),

each a "**Restricted Entity**".

Provided that, the conditions mentioned in (a)(i) above and (e)(i) and (e)(ii) below will not be applicable for entities incorporated or registered in an international financial services centre (as defined under clause (q) of section 2 of the Special Economic Zones Act, 2005).

Provided further that, it shall notify the Issuer immediately as soon as it becomes a Restricted Entity or if it fails to fulfil any of the representations set out in (c) and (e) below, either consequent to filing of an application with a Designated Depository Participant (as defined under the Foreign Portfolio Investor Regulation 2019 and/or any other subsidiary regulations or circulars (if any) issued pursuant thereto (the "**FPI Regulations 2019**")) for governing foreign portfolio investors ("**FPIs**") or as a result of a re-categorization (or any other reason) and shall take all steps as may be required by the Issuer, including, if required, to ensure that the Offshore Derivative Instrument ("**ODI**") transaction is terminated immediately and in the manner required by the Issuer.

Provided further that, the holder subscribing for the Certificates would not result in Restricted Entities/entities which are not Eligible Entities indirectly subscribing for or dealing in ODIs.

Provided further that, in case the holder changes investment managers/advisers/sub-managers/sub-advisers (each, a "**Manager/Adviser Transfer**"), such holder shall issue a written notice to the Issuer in such form as the Issuer may determine thirty (30) business days prior to the Manager/Adviser Transfer.

- (b) It is not a person/entity (i) whose control is with a Restricted Entity; or (ii) whose constituents are a Restricted Entity under clause (i) and (ii) of paragraph (a), in breach of Regulation 4(c)<sup>1</sup> of the FPI Regulations 2019 read with Part A-2(ii)<sup>2</sup> of the Operational Guidelines for Foreign Portfolio Investors, Designated Depository Participants and Eligible Foreign Investors issued under the FPI Regulations 2019 (the "**Operational Guidelines**" and, together with the FPI Regulations 2019, the "**Indian FPI Laws**").

For the purposes of this representation, "control" includes the right to appoint majority of the directors or to control the management or policy decisions exercisable by a person or persons acting individually or in concert, directly or indirectly, including by virtue of shareholding or management rights or shareholders agreements or voting agreements or in any other manner.

Notwithstanding the foregoing definition, in the case only where a person's/entity's investments are being managed on a discretionary basis by an investment manager, such investment manager shall not be deemed to be such person's/entity's controller for the purposes of this representation by reason only of it being able to control the decision-making in relation to the person's/entity's financial, investment and/or operating policies.

- (c) It is an Eligible Entity, i.e. an entity which is eligible to be registered as a Category I foreign portfolio investor<sup>3,4</sup> with the SEBI pursuant to the Indian FPI Laws for governing FPIs.
- (d) The purchase or ownership of any Certificates or any interest in Certificates has not been entered into with the intent of circumventing or otherwise avoiding any requirements applicable under any laws applicable in India (including, without limitation, the Indian FPI Laws or any restrictions applicable to FPIs in relation to their issuance and/or other dealings in offshore derivative instruments (as such term is defined in the FPI Regulations 2019) with Restricted Entities and persons/entities who are not Eligible Entities) or laws governing dealing in the securities market, including the Securities and Exchange Board of India (Prohibition of Insider Trading) Regulations, 2015, Securities and Exchange Board of India (Prohibition of Fraudulent and Unfair Trade

---

<sup>1</sup> Resident Indians, other than individuals, may also be constituents of the FPI subject to the following conditions:

- (i) such resident Indian, other than an individual, is an eligible fund manager of the FPI, as provided under sub-section (4) of section 9A of the Income Tax Act, 1961 (43 of 1961); and
- (ii) the applicant is an eligible investment fund as provided under sub-section (3) of section 9A of the Income Tax Act, 1961 (43 of 1961) which has been granted approval under the Income Tax Rules, 1962

Provided further that such resident Indian, other than an individual, may also be constituents of the applicant, subject to the following conditions:

- (i) the applicant is an Alternative Investment Fund set up in the International Financial Services Centres and regulated by the International Financial Services Centres Authority;
- (ii) such resident Indian, other than an individual, is a Sponsor or Manager of the applicant; and
- (iii) the contribution of such resident Indian, other than an individual, shall be up to-
  - (a) 2.5% of the corpus of the applicant or US \$ 750,000 (whichever is lower), in case the applicant is a Category I or Category II Alternative Investment Fund; or
  - (b) 5% of the corpus of the applicant or US \$ 1.5 million (whichever is lower), in case the applicant is a Category III Alternative Investment Fund;

<sup>2</sup> Pursuant to SEBI Circular dated 4 August 2021, the Explanation under Part A-2(ii) of the Operational Guidelines has been amended to provide that the contribution of resident Indian individuals shall be made through the Liberalised Remittance Scheme approved by the Reserve Bank of India in global funds whose Indian exposure is less than 50%.

<sup>3</sup> Regulation 21(1)(b) of the FPI Regulations 2019 states that if investment manager is from financial action task force member country, then such investment manager need not be registered as category I foreign portfolio investor.

<sup>4</sup> As per the Regulation 5(a)(iv) of the FPI Regulation 2019 "Category I foreign portfolio investors" shall include:

*"Entities from the Financial Action Task Force member countries or from any country specified by the Central Government by an order or by way of an agreement or treaty with other sovereign Governments, which are-*

- (I) *appropriately regulated funds;*
- (II) *unregulated funds whose investment manager is appropriately regulated and registered as a Category I foreign portfolio investor, provided that the investment manager undertakes the responsibility of all the acts of commission or omission of such unregulated fund; and*
- (III) *university related endowments of such universities that have been in existence for more than five years."*

In exercise of the power conferred under Regulation 5(a)(iv) of the FPI Regulation 2019, the Ministry of Finance has notified Mauritius (*vide* order dated 13 April 2020), United Arab Emirates (*vide* order dated 9 February 2021) and Cyprus (*vide* order dated 14 June 2021) as eligible countries for the purpose of Regulation 5(a)(iv) of the FPI Regulation 2019. As a result of these orders, the above mentioned entities from these countries would be eligible to be registered as Category I FPIs.

Practices relating to Securities Markets) Regulations, 2003 and Securities and Exchange Board of India (Substantial Acquisition of Shares and Takeovers) Regulations, 2011, each as amended from time to time, together with any modifications thereto or re-enactments thereof).

- (e) It:
- (i) is a resident of a country whose securities market regulator is a signatory to International Organization of Securities Commission's Multilateral Memorandum of Understanding (Appendix A Signatories) or a signatory to bilateral Memorandum of Understanding<sup>5</sup> with the SEBI (except where a government or government related investor is resident of a country which has been so approved by the Government of India in this regard);
  - (ii) is a bank that is a resident of a country whose central bank is a member of Bank for International Settlements<sup>6</sup>;
  - (iii) or the underlying investors<sup>7</sup> are not mentioned in the sanctions list notified from time to time by the United Nations Security Council. Further, neither of them are resident in a country identified in the public statement of the Financial Action Task Force as (i) a jurisdiction having a strategic deficiencies in Anti-Money Laundering or Combating the Financing of Terrorism to which counter measures apply; or (ii) a jurisdiction that has not made sufficient progress in addressing the deficiencies or has not committed to an action plan developed with the Financial Action Task Force to address the deficiencies;
  - (iv) is legally permitted to invest in securities outside the country of its incorporation or establishment or place of business;
  - (v) is authorized by its Memorandum of Association and Articles of Association or equivalent documents or agreement to transact in ODIs;
  - (vi) is a fit and proper person based on the criteria specified in Schedule II of the Securities and Exchange Board of India (Intermediaries) Regulations, 2008;
  - (vii) has sufficient experience, a good track record, is professionally competent, financially sound and has a generally good reputation of fairness and integrity; and
  - (viii) has not been restricted or constrained (including, without limitation, by any authority, regulator or court) from investing in its home country or overseas, or convicted for any money laundering related offence.
- (f) It shall promptly pay to the Issuer any applicable fees (including the regulatory fees recoverable by the Issuer from the subscribers of the ODIs issued) as soon as the same is demanded by the Issuer.
- (g) The holder will provide such information and documents (including in relation to any procedures on identification and verification of identity) as may be requested from time to time in relation to the beneficial owners. This requirement may include providing information on the following<sup>8</sup>:

---

<sup>5</sup> A bilateral Memorandum of Understanding between the SEBI and any authority outside India that provides for an information sharing arrangement as specified under clause (ib) of sub-section (2) of Section 11 of the Securities and Exchange Board of India Act, 1992.

<sup>6</sup> If the holder is a central bank then such holder need not be a member of Bank for International Settlements.

<sup>7</sup> Investors contributing twenty-five per cent or more in the corpus of the holder or identified on the basis of control.

<sup>8</sup> The Operational Guidelines provide that "In respect of FPIs (other than Category I FPI registered under Regulation 5(a)(i)) coming from "high risk jurisdictions" as identified by intermediary, the intermediaries may apply lower materiality threshold of 10% for identification of BO." Accordingly, for holders coming from high risk jurisdictions lower thresholds may be applicable.

- (i) in the case of companies, a person who, whether acting alone or together, or through one or more persons, has ownership of or entitlement to more than 25 per cent. of shares or capital or profits of the company, or, exercises control through other means. For the purposes of this representation, "control" shall have the same meaning as set out in clause (a) of sub rule (3) of Rule 9 of the Prevention of Money-laundering (Maintenance of Records) Rules, 2005;
  - (ii) in the case of trusts, beneficiaries with 15 per cent. or more interest in the holder;
  - (iii) in the case of partnership firms, a person who, whether acting alone or together, or through one or more persons, has ownership of or entitlement to more than 15 per cent. of capital or profits of the partnership;
  - (iv) in the case of an unincorporated association or body of individuals, a person who, whether acting alone or together, or through one or more persons, has ownership of or entitlement to more than 15 per cent. of the property or capital or profits of such association or body of individuals; and
  - (v) in case no material shareholder/beneficial owner is identified applying the above thresholds, the natural person who holds the position of senior managing official of the holder or the investment manager (who is controlling the affairs of the holder).
- (h) It shall ensure that the aggregate investment by each holder (whether directly in its own name as a FPI or as an ODI subscriber<sup>9</sup>, or as a client of appropriately regulated entities (that are FPIs) investing on behalf of their clients<sup>10</sup>, or by entities in the "investor group" (as per the meaning given to such term in Regulation 22(3) of the FPI Regulations 2019) to which the holder belongs)<sup>11</sup> in equity shares of each Indian company is below 10 per cent. of the total issued capital of the company and the holder shall provide information in this regard to the Issuer, as and when and in such form and manner as may be required.
- (i) It has not taken any fresh ODI positions or renewed, extended or rolled over their existing ODI positions in relation to ODIs with derivatives as an underlying (except where such underlying derivative positions are permitted for the ODI issuing FPI as per the conditions mentioned under Part D – 1 of the Operational Guidelines).
- (j) The purchase or ownership of the Certificates or any interest in the Certificates do not violate any applicable laws (including, without limitation, any legislations, rules, regulations, notifications, circulars or guidelines), or any orders or directives, which may be issued from time to time, including in relation to the eligibility and permissibility of each holder to transact in ODIs.
- (k) The Certificates or any interest in the Certificates have been purchased (and held) by the investor as a principal for the holder's own account and not as an agent, nominee, trustee or representative of any other person/entity and the holder has not entered into any agreement or arrangement for the issuance of a back-to-back ODI against such Certificates.

---

<sup>9</sup> The Operational Guidelines provide that "For this purpose, two or more ODI subscribers having common ownership, directly or indirectly, of more than fifty percent or common control shall be considered together as a single ODI subscriber, in the same manner as is being done in the case of FPIs."

<sup>10</sup> Part A – 3 (iv) of the Operational Guidelines provide that "Investments made by each such client, either directly as FPI and/or through its investor group shall be clubbed with the investments made by such clients (holding more than 50% in the FPI) through the above referenced appropriately regulated FPIs."

<sup>11</sup> Per the SEBI circular dated 1 October 2020 (read with SEBI circular dated 10 October 2019), Indian depositories are also instructed to club investments by an FPI/group of FPIs in depository receipts with their positions held as an ODI subscriber and investments as an FPI (as against the requirement of only clubbing positions as an ODI subscriber and investments as an FPI at group levels as specified under the Indian FPI Laws) while computing the investment limit applicable for an FPI/group of FPIs. Accordingly, the FPI shall be required to take into consideration holdings in the form of depository receipts (issued after 10 October 2019) while computing the investment limit applicable to it to avoid any mandatory divestment obligation that may be imposed by Indian depositories.

## OFFERING AND SALE

Each holder of Certificates and each beneficial owner of Certificates will be required to agree and undertake that:

- (A) it will not, directly or indirectly, sell, transfer, assign, novate or otherwise dispose of the Certificates or any interest in the Certificates to or for the benefit or account of any Restricted Entity;
- (B) it will not, directly or indirectly, sell, transfer, assign, novate or otherwise dispose of the Certificates or any interest in the Certificates to or for the benefit or account of any person/entity who is not an Eligible Entity;
- (C) it will obtain prior consent of the Issuer for any transfer, unless the person to whom the transfer is to be made is pre-approved by the Issuer;
- (D) it shall provide necessary documents (which may include documents relating to the holder or the beneficial owners of the holder) from time to time so as to enable Issuer to maintain compliance with know your client requirements and beneficial ownership related requirements under the Indian FPI Laws and such information can be stored by the Issuer for any period of time as Issuer deems fit;
- (E) it consents to the provision by the Issuer to any Indian governmental or regulatory authority (an "**Authority**") of any information or any document in its possession regarding the holder or the beneficial owner of the holder and any other information regarding the Certificates or the holder's interest in the Certificates as the Issuer reasonably deems necessary or appropriate in order to comply with the regulations or requests of such Authority from time to time;
- (F) it will, at its option, either:
  - (I) provide to the Issuer such additional information as the Issuer reasonably deems necessary or appropriate in order to comply with regulations or requests of any Authority from time to time (the "**Additional Information**"), or
  - (II) subject to such Authority accepting such direct provision, provide such Additional Information directly to such Authority and confirm to the Issuer that it has done so;
- (G) it agrees that in the event of any non-compliance with, or breach, violation or contravention by the holder of any of the terms set out herein, the Issuer may notify any Authority of any such breach, violation or contravention and exercise any rights and take any measures available to prevent, avoid, mitigate, remedy or cure such non-compliance, breach, violation or contravention;
- (H) it agrees that the Issuer may, to the extent required to comply with applicable laws, regulations, notifications, circulars, rules, guidelines, clarifications, directions, orders and/or decrees issued by a governmental or regulatory authority, by issuing a written notice to the holder, unilaterally modifying the restrictions set out herein after purchase of the Certificates and notifying the holder of the same, and such written notice shall be effective and deemed agreed and accepted by the holder when issued;
- (I) it undertakes to ensure that the specific requirements and obligations mentioned in the India side letter are satisfied and complied with; and
- (J) it undertakes to promptly notify the Issuer should any of the warranties, agreements, undertakings and representations set out herein, be breached, change or no longer hold true.

This document has not been and will not be registered as a prospectus either with the Registrar of Companies or with any other regulatory authority in India, and the holder will not circulate or distribute this document or any other offering document or material relating to the Certificates to any person in India.

## Ireland

Any offer, sale, placement or underwriting of, or any other action in connection with, any Securities in or involving Ireland must be in conformity with the following:

- (a) the provisions of the Companies Act 2014 of Ireland (the "**2014 Act**");
- (b) the provisions of the Prospectus Regulation (Regulation (EU) 2017/1129) and any delegated or implementing acts adopted thereunder, the European Union (Prospectus) Regulations 2019 of Ireland and any other Irish prospectus law as defined in the 2014 Act, the Central Bank (Investment Market Conduct) Rules 2019 of Ireland, and any other rules made or guidelines issued under Section 1363 of the 2014 Act by the Central Bank of Ireland;
- (c) the provisions of the Central Bank Acts 1942 to 2018 of Ireland and any rules or codes of conduct or practice made under Section 117(1) of the Central Bank Act 1989 of Ireland or any regulations made pursuant to Part 8 of the Central Bank (Supervision and Enforcement) Act 2013 of Ireland;
- (d) the provisions of the Market Abuse Regulation (Regulation (EU) 596/2014), the Market Abuse Directive on criminal sanctions for market abuse (Directive 2014/57/EU), the European Union (Market Abuse) Regulations 2016 of Ireland and any Irish market abuse law as defined in those Regulations or in the 2014 Act and any rules made or guidance issued by the Central Bank of Ireland in connection therewith (including any rules made or guidelines issued under Section 1370 of the 2014 Act by the Central Bank of Ireland); and
- (e) (i) all applicable provisions of the European Union (Markets in Financial Instruments) Regulations 2017 of Ireland (the "**MiFID II Regulations**") including without limitation, Regulation 5 (*Requirement for authorisation (and certain provisions concerning MTFs and OTFs)*) thereof and in connection with the MiFID II Regulations, any applicable rules, codes of conduct or practice, conditions or requirements, or any other enactment, imposed or approved by the Central Bank of Ireland, (ii) the provisions of Regulation (EU) No 600/2014 and Directive 2014/65/EU on markets in financial instruments and any delegated or implementing acts adopted thereunder and any applicable rules or codes of conduct or practice, and (iii) the provisions of the Investor Compensation Act 1998 of Ireland.

References in this section to any legislation (including, without limitation, European Union legislation) shall be deemed to refer to such legislation as the same has been or may from time to time be amended, supplemented, consolidated or replaced and shall include reference to all implementing measures, delegated acts, statutory instruments, rules and guidance in respect thereof.

## Israel

This Base Prospectus is intended solely for investors listed in the First Addendum of the Israeli Securities Law 5728-1968, as amended from time to time ("**Qualified Investors**" and "**Securities Law**", respectively). A prospectus has not been prepared or filed, and will not be prepared or filed, in Israel relating to the offering of the Securities. In addition, no action will be taken in Israel to permit an offering of the Securities, or the distribution of any offering document or any other material, to the public in Israel. In particular, the Israel Securities Authority ("**ISA**") has not reviewed or approved any offering document or other material relating to the Securities. The Securities may not be resold in Israel, other than to Qualified Investors in a manner that does not require the publication of a prospectus in Israel pursuant to the Securities Law and the guidance published by the ISA.

The Securities are offered or sold to investors on the basis that any such investor meets the conditions to be deemed a Qualified Investor, understands the implications of such a classification and agrees to be deemed a Qualified Investor. Any material provided to an offeree may not be reproduced or used for any other purpose, nor furnished to any other person, other than those to whom copies have been provided directly.



## OFFERING AND SALE

This Base Prospectus and any offering document or other material relating to the Securities are being provided for information only. They should not be considered as the rendering of a recommendation or advice and they do not constitute "investment advice" or "investment marketing" under the Regulation of Investment Advice, Investment Marketing and Investment Portfolio Management, 5755-1995. The purchase of the Securities will be based on the investor's own understanding, for the investor's own benefit, for the investor's own account and not with the aim or intention of distributing or offering to other parties.

### Japan

No Securities of any series have been or will be registered under the Financial Instruments and Exchange Act of Japan (Act No. 25 of 1948, as amended; the "**FIEA**"). Securities may not be offered or sold directly or indirectly (a) in Japan or to, or for the benefit of, any resident of Japan (as defined under Item 5, Paragraph 1, Article 6 of the Foreign Exchange and Foreign Trade Act of Japan (Act No. 228 of 1949, as amended)) or (b) to others for re offering or re-sale, directly or indirectly, in Japan or to, or for the benefit of any resident of Japan, in each case, except pursuant to an exemption from the registration requirements of, and otherwise in compliance with, the FIEA and any other applicable laws, regulations and ministerial guidelines of Japan.

### Norway

The Securities have not been offered or sold and may not be offered, sold or delivered directly or indirectly in Norway, unless in compliance with the Regulation (EU) 2017/1129, as implemented into Norwegian law through Chapter 7 of the Norwegian Securities Trading Act ("**Securities Trading Act**"), Chapter 7 of Regulation no 876 of 29 June 2007 of the Securities Trading Act, and with respect to structured products, section 16-2 of the Norwegian Financial Undertakings Regulation of 9 December 2016 no 1502, all as amended from time to time. Securities denominated in Norwegian Kroner ("**NOK**") may not be offered or sold within Norway or to or for the account or benefit of persons domiciled in Norway, unless such offer or sale is made in compliance with the regulation relating to the offer of Securities denominated in NOK.

### The People's Republic of China

The Securities may not be offered, sold or delivered to any person, or offered or sold or delivered to any person for reoffering or resale or redelivery to any person, in any such case directly or indirectly, in the People's Republic of China (excluding Hong Kong Special Administrative Region, Macau Special Administrative Region and Taiwan) (the "**PRC**"), or to the residents of the PRC, unless such offer or sale is made in compliance with all applicable laws and regulations of the PRC.

### Poland

No permit or approval of the Base Prospectus has been obtained from the Polish Financial Supervisory Authority (the "**Polish FSA**") in relation to the issue of any Securities. The Securities may not be offered or sold in the Republic of Poland ("**Poland**") by way of a Public Offering (as defined below), unless in compliance with Regulation (EU) 2017/1129 (the "**Prospectus Regulation**"), the Act on Public Offering and on the Conditions Governing the Introduction of Financial Instruments to Organised Trading System and Public Companies dated 29 July 2005 (as amended) (the "**Act on Public Offering**") and any other applicable laws and regulations enacted thereunder or in substitution thereof from time to time. Under the Prospectus Regulation an "offer of the Securities to the public" means a communication to persons in any form and by any means, presenting sufficient information on the terms of the offer and the securities to be offered, so as to enable an investor to decide to purchase or subscribe for those securities ("**Public Offering**"). A Public Offering of Securities in Poland, as well as any subscription or sale relating to such Public Offering, requires a licensed investment firm to intermediate, subject to certain exceptions applicable to Public Offerings which are exempted from the requirement to publish a prospectus. In addition, the sale to or acquisition and holding of the Securities by residents of Poland may be subject to additional requirements and restrictions imposed by Polish law, beyond the restrictions and requirements provided by generally applicable provisions of European Union law, including under foreign exchange regulations.

### Portugal

No offer of the Securities may be made in Portugal except under circumstances that will result in compliance with the rules concerning the marketing of such Securities and with the laws of Portugal generally.

In relation to Portugal, the Securities may not be offered to the public in Portugal, except that an offer of the Securities to the public in Portugal may be made:

- (a) in the period beginning on the date of publication of a prospectus in relation to the Securities, following approval by the *Autorité des marchés financiers* and notification to the Portuguese Securities Exchange Commission ("**Comissão do Mercado de Valores Mobiliários**" or the "**CMVM**"), all in accordance with Articles 24 and 25 of the Prospectus Regulation and ending on the date which is 12 months after the date of such publication; and
- (b) at any time in any other circumstances which do not require the publication by the Issuer of a prospectus pursuant to Article 3 of the Prospectus Regulation.

Moreover, the Securities may be offered at any time to any entities who are considered to be professional investors according to Article 30 of the Portuguese Securities Code ("**Código dos Valores Mobiliários**").

For the purposes of this provision:

- (i) the expression an "**offer of the securities to the public**" in relation to any Securities in Portugal means the communication in any form and by any means of sufficient information on the terms of the offer and the securities to be offered so as to enable an investor to decide to purchase or subscribe the securities; and
- (ii) "**Prospectus Regulation**" means Regulation (EU) 2017/1129, of the European Parliament and of the Council, of 14 June 2017 and includes any relevant complementary measures in Portugal.

### Republic of Croatia

No Public Offering of the Securities in the Republic of Croatia is permitted, unless:

- (a) the prospectus in relation to such Securities has been approved and published in accordance with the Prospectus Regulation and the Capital Market Act;
- (b) the prospectus in relation to such Securities has been approved and published in accordance with the applicable legislation in the relevant Issuer's home Member State and duly notified to the Agency in accordance with the Prospectus Regulation and the Capital Market Act and, if required in accordance with Article 7(1) of the Prospectus Regulation, the prospectus summary is translated into the Croatian language,
- (c) the Public Offering of the Securities is allowed pursuant to an exemption from the obligation to publish a prospectus in accordance with the Prospectus Regulation and the Article 409 of the Capital Market Act in the case of an offer of securities with a total consideration in the European Union of less than EUR 8,000,000 (or the equivalent value in Croatian kuna) which shall be calculated over a period of 12 months in accordance with the Article 3(2) of the Prospectus Regulation,
- (d) the Public Offering of the Securities constitutes an exemption from the obligation to publish prospectus in accordance with the Article 1(3) and 1(4) of the Prospectus Regulation in cases of:
  - (i) an offer of securities to the public with a total consideration in the European Union of less than EUR 1,000,000, which shall be calculated over a period of 12 months;
  - (ii) an offer of securities addressed solely to qualified investors;

## OFFERING AND SALE

- (iii) an offer of securities addressed to fewer than 150 natural or legal persons per Member State, other than qualified investors;
- (iv) an offer of securities whose denomination per unit amounts to at least EUR 100,000;
- (v) an offer of securities addressed to investors who acquire securities for a total consideration of at least EUR 100,000 per investor, for each separate offer;
- (vi) shares issued in substitution for shares of the same class already issued, if the issuing of such new shares does not involve any increase in the issued capital;
- (vii) securities offered in connection with a takeover by means of an exchange offer, provided that a document is made available to the public in accordance with the arrangements set out in Article 21(2) of the Prospectus Regulation, containing information describing the transaction and its impact on the issuer;
- (viii) securities offered, allotted or to be allotted in connection with a merger or division, provided that a document is made available to the public in accordance with the arrangements set out in Article 21(2) of the Prospectus Regulation, containing information describing the transaction and its impact on the issuer;
- (ix) dividends paid out to existing shareholders in the form of shares of the same class as the shares in respect of which such dividends are paid, provided that a document is made available containing information on the number and nature of the shares and the reasons for and details of the offer;
- (x) securities offered, allotted or to be allotted to existing or former directors or employees by their employer or by an affiliated undertaking provided that a document is made available containing information on the number and nature of the securities and the reasons for and details of the offer or allotment;
- (xi) non-equity securities issued in a continuous or repeated manner by a credit institution, where the total aggregated consideration in the European Union for the securities offered is less than EUR 75,000,000 per credit institution calculated over a period of 12 months, provided that those securities are not subordinated, convertible or exchangeable and do not give a right to subscribe for or acquire other types of securities and are not linked to a derivative instrument; or
- (xii) from 18 March 2021 to 31 December 2022, non-equity securities issued in a continuous or repeated manner by a credit institution, where the total aggregated consideration in the Union for the securities offered is less than EUR 150,000,000 per credit institution calculated over a period of 12 months, provided that those securities are not subordinated, convertible or exchangeable and do not give a right to subscribe for or acquire other types of securities and are not linked to a derivative instrument.

All Public Offerings issued pursuant to an exemption described in (c) above must be notified to the Agency. Issuers and offerors in respect of Public Offerings issued pursuant to this exemption with a total consideration between EUR 4,000,000 and EUR 8,000,000 (or the equivalent value in Croatian kuna), which are not covered by (d)(ii) to (xii) above, must prepare an information document in the Croatian language which must be made available to investors before the commencement of the Public Offer and no later than the commencement of the Public Offer. The information document must be available to the investors for the entire duration of the Public Offering.

The relevant Issuer and any offeror of Securities in the Republic of Croatia must notify the Agency that it is relying on an exemption from (d)(ii) to (xii) above immediately after the relevant Issuer decides to issue or an offeror decides to offer the Securities, but no later than three working days before the commencement of the Public Offering in the Republic of Croatia, or before registration or allocation of the Securities. The notification to the Agency must contain information

on the relevant Issuer and any offeror, information on the Securities, the exemption which is being relied upon and a description of circumstances in relation to the exemption.

The Securities have not been and will not be offered, sold, or publicly promoted or advertised in the Republic of Croatia unless in compliance with the Prospectus Regulation and the Capital Market Act or any other laws applicable in the Republic of Croatia governing the issue, offering and sale of Securities.

For the purposes of this provision:

"**Agency**" means the Croatian Financial Supervisory Agency;

"**Capital Market Act**" means the Croatian Capital Market Act (Official Gazette No. 65/18, 17/20, as amended from time to time);

"**Prospectus Regulation**" means Regulation (EU) 2017/1129; and

"**Public Offering**" means the communication in any form and by any means of sufficient information on the terms of the offer and the Securities to be offered so as to enable an investor to decide to purchase or subscribe for the Securities in the Republic of Croatia.

### Republic of Italy

Unless specified in the relevant Final Terms that a non-exempt offer may be made in Italy, the offering of the Securities has not been registered pursuant to Italian securities legislation and, accordingly, no Securities may be offered, sold or delivered, nor may copies of the Base Prospectus (including the applicable Final Terms) or of any other document relating to the Securities be distributed in the Republic of Italy, except:

- (a) to qualified investors (*investitori qualificati*), as defined pursuant to Article 2 of Regulation (EU) 2017/1129 of 14 June 2017, as amended from time to time (the "**Prospectus Regulation**") and any applicable provision of Italian laws and regulations; or
- (b) in other circumstances which are exempted from the rules on public offerings pursuant to Article 1 of the Prospectus Regulation, Article 34-ter of CONSOB Regulation No. 11971 of 14 May 1999, as amended from time to time ("**Regulation No. 11971**"), and the applicable Italian laws and regulations.

Any offer, sale or delivery of the Securities or distribution of copies of the Base Prospectus (including the applicable Final Terms) or any other document relating to the Securities in the Republic of Italy under (a) or (b) above must:

- (i) be made by an investment firm, bank or financial intermediary permitted to conduct such activities in the Republic of Italy in accordance with Legislative Decree No. 58 of 24 February 1998, as amended (the "**Financial Services Act**"), CONSOB Regulation No. 20307 of 15 February 2018 (as amended from time to time) and Legislative Decree No. 385 of 1 September 1993, as amended (the "**Banking Act**"); and
- (ii) comply with any other applicable laws and regulations or requirement imposed by CONSOB, the Bank of Italy (including the reporting requirements, where applicable, pursuant to Article 129 of the Banking Act and the implementing guidelines of the Bank of Italy, as amended from time to time) and/or any other Italian authority.

*Please note that, in accordance with Article 100-bis of the Financial Services Act, to the extent applicable, where no exemption from the rules on public offerings applies, Securities which are initially offered and placed in Italy or abroad to qualified investors only but in the following year are systematically ("sistematicamente") distributed on the secondary market in Italy become subject to the public offer and the prospectus requirement rules provided under the Prospectus Regulation, the Financial Services Act and Regulation No. 11971. Failure to comply with such rules may result in the sale of such Securities being declared null and void and in the liability of the intermediary transferring the financial instruments for any damages suffered by the investors.*

**Republic of Korea**

The Securities have not been and will not be registered with the Financial Services Commission of Korea for public offering in the Republic of Korea under the Financial Investment Services and Capital Markets Act (the "**FSCMA**"). The Securities may not be offered, sold or delivered, directly or indirectly, or offered or sold to any person for re-offering or resale, directly or indirectly, in the Republic of Korea or to any resident of the Republic of Korea except pursuant to the applicable laws and regulations of the Republic of Korea, including the FSCMA and the Foreign Exchange Transaction Law (the "**FETL**") and the decrees and regulations thereunder. The Securities may not be resold to South Korean residents unless the purchaser of the Securities complies with all applicable regulatory requirements (including but not limited to government reporting requirements under the FETL and its subordinate decrees and regulations) in connection with the purchase of the Securities.

**Romania**

The Securities may not be offered or sold, directly or indirectly, in Romania and neither this Base Prospectus, the Final Terms nor any other offering material or advertisement in connection with the Securities may be distributed or published in Romania, except in circumstances which:

- (a) constitute a public offering of securities in Romania made on the basis of the Base Prospectus, the Final Terms and any other supplement thereto approved by or, following the approval by the AMF, notified to the Romanian Financial Supervisory Authority in accordance with article 24(1) of Regulation (EU) 2017/1129 in the period beginning and ending on the dates specified in the Base Prospectus or the Final Terms, as applicable, and if the relevant Issuer has consented in writing to its use for carrying out a public offering of securities in Romania.

For the purpose of this paragraph, the expression "public offering of securities" in relation to any of the Securities means the communication addressed to persons, in any form and by any means, which presents sufficient information on the terms of the offer and the Securities to be offered so as to enable an investor to decide to purchase or subscribe for the Securities; or

- (b) where limb (a) is not applicable, constitute an exempt offering which shall not require the relevant Issuer or any broker/dealer to draw up and publish a prospectus or supplement a prospectus in accordance with article 1(4) of Regulation (EU) 2017/1129.

Please note that any subsequent sale or distribution of the Securities on the secondary market in Romania must be made in compliance with the public offer and the prospectus requirement rules and a new assessment of the application of any exemption from the requirement to prepare and publish a prospectus must be made.

No action has been taken or will be taken which would result in the issue or offering of the Securities being considered an intention to offer or market in Romania fund units or shares or manage investment funds as regulated by Directive 2009/65/EC on the coordination of laws, regulations and administrative provisions relating to undertakings for collective investment in transferable securities ("**UCITS**") as implemented by Romanian Government Emergency Ordinance No. 32/2012 on UCITS and by Directive 2011/61/EU on Alternative Investment Fund Managers ("**AIFMD**") as implemented by Romanian Law No. 74/2015 on AIFM. Any issue, offer, sale or marketing of the Securities to that effect has been or will be carried out in accordance with the aforementioned pieces of Romanian legislation.

**Saudi Arabia**

This Base Prospectus cannot be distributed in the Kingdom of Saudi Arabia (the "**KSA**") except to such persons as are permitted under the Rules on the Offer of Securities and Continuing Obligations issued by the Capital Market Authority in the KSA. The Capital Market Authority does not make any representation as to the accuracy or completeness of this Base Prospectus, and expressly disclaims any liability whatsoever for any loss arising from, or incurred in reliance upon, any part of this Base Prospectus. Prospective purchasers of the Securities should conduct their own due diligence on the

accuracy of the information relating to the Securities. If you do not understand the contents of this Base Prospectus, you should consult an authorised financial advisor.

### Singapore

This Base Prospectus has not been registered as a prospectus with the Monetary Authority of Singapore. Accordingly, this Base Prospectus and any other document or material in connection with the offer or sale, or invitation for subscription or purchase of the Securities may not be circulated or distributed, nor may the Securities be offered or sold or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to any person in Singapore other than (i) to an institutional investor (as defined in Section 4A of the Securities and Futures Act 2001 (2020 Revised Edition) of Singapore, as modified or amended from time to time (the "SFA")), pursuant to Section 274 of the SFA, (ii) to a relevant person (as defined in Section 275(2) of the SFA) pursuant to Section 275(1) of the SFA or any person pursuant to Section 275(1A) of the SFA and in accordance with the conditions specified in Section 275 of the SFA or (iii) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA.

Where the Securities are subscribed or purchased under Section 275 of the SFA by a relevant person which is:

- (a) a corporation (which is not an accredited investor (as defined in Section 4A of the SFA)) the sole business of which is to hold investments and the entire share capital of which is owned by one or more individuals, each of whom is an accredited investor; or
- (b) a trust (where the trustee is not an accredited investor) whose sole purpose is to hold investments and each beneficiary of the trust is an individual who is an accredited investor,

securities or securities-based derivatives contracts (each term as defined in Section 2(1) of the SFA) of that corporation or the beneficiaries' rights and interest (howsoever described) in that trust shall not be transferred within six months after that corporation or that trust has acquired the Securities pursuant to an offer made under Section 275 of the SFA except:

- (1) to an institutional investor or to a relevant person, or to any person arising from an offer referred to in Section 275(1A) or Section 276(4)(c)(ii) of the SFA;
- (2) where no consideration is or will be given for the transfer;
- (3) where the transfer is by operation of law;
- (4) as specified in Section 276(7) of the SFA; or
- (5) as specified in Regulation 37A of the Securities and Futures (Offers of Investments) (Securities and Securities-based Derivatives Contracts) Regulations 2018 of Singapore.

### Spain

In addition to the selling restrictions under the Prospectus Regulation in relation to EEA States, as stated above, when the offer is not strictly addressed to qualified investors (as defined in Article 2 of the Prospectus Regulation) in the Kingdom of Spain, any offer sale or delivery of the Securities, must be made by an investment firm, bank or financial intermediary permitted to conduct such activities in the Kingdom of Spain in accordance with the Royal Legislative Decree 4/2015 of 23 October, approving the revised text of the Spanish Securities Market (*Real Decreto Legislativo 4/2015, de 23 de octubre, por el que se aprueba el texto refundido de la Ley del Mercado de Valores*), as amended from time to time (the "**Spanish Securities Market Law**").

The Securities may not be sold or distributed, nor may any subsequent resale of the Securities be carried out in Spain, except in compliance with the provisions of the Spanish Securities Market Law.

**Sweden**

Any offer for subscription or purchase or invitations to subscribe for or buy or sell any Securities or distribution of any draft or final document in relation to any such offer, invitation or sale in Sweden will only be made in circumstances which will not result in a requirement to prepare a prospectus pursuant to the provisions of Regulation (EU) 2017/1129 (the "**Prospectus Regulation**") or the Swedish Act with supplementary provisions to the Prospectus Regulation (*Sw. Lag (2019:414) med kompletterande bestämmelser till EUs prospektförordning*) as amended or replaced.

**Taiwan**

The Securities have not been and will not be registered or filed with, or approved by, the Financial Supervisory Commission of Taiwan and/or other regulatory authority or agency of Taiwan pursuant to relevant securities laws and regulations of Taiwan and may not be issued, offered or sold within Taiwan through a public offering or in circumstances which constitute an offer within the meaning of the Securities and Exchange Act of Taiwan that requires a registration, filing or approval of the Financial Supervisory Commission of Taiwan and/or other regulatory authority or agency of Taiwan. No person or entity in Taiwan has been authorised to offer or sell the Securities in Taiwan. The Securities may be made available outside Taiwan for purchase outside Taiwan by Taiwan resident investors, but may not be offered or sold in Taiwan unless the Securities offered or sold to investors in Taiwan are through Taiwan licensed financial institutions to the extent permitted under relevant Taiwan laws or regulations, such as the Directions for Offshore Banking Branches Conducting Securities Businesses.

**Thailand**

This Base Prospectus has not been approved by or filed with the Securities and Exchange Commission or any other regulatory authority of the Kingdom of Thailand. Accordingly, the Securities may not be offered or sold, and neither this Base Prospectus nor any other documents relating to the offer of the Securities may be distributed, directly or indirectly, to any person in Thailand except under circumstances which will result in compliance with all applicable laws, regulations and guidelines promulgated by the Thai government and regulatory authorities in effect at the relevant time.

**United Arab Emirates (excluding the DIFC and the Abu Dhabi Global Market)**

By receiving this Base Prospectus, the person or entity to whom it has been issued understands, acknowledges and agrees that the offering of Securities has not been approved or authorised by the United Arab Emirates (the "**UAE**") Central Bank, the UAE Securities and Commodities Authority (the "**SCA**"), or any other relevant licensing authorities in the UAE, and accordingly does not constitute a public offer of securities in the UAE in accordance with the commercial companies law (UAE Federal Decree Law No. 3 of 2021) or otherwise.

In addition, each Issuer represents and agrees that the Securities have not been and are not being, publicly offered, sold, promoted or advertised in the UAE other than in compliance with the laws of the UAE governing the issue, offering and sale of securities. Further, each Issuer procures that any manager of an issue of Securities represents and agrees that the Securities have not been and will not be publicly offered, sold, promoted or advertised by it in the UAE other than in compliance with any laws applicable in the UAE governing the issue, offering and sale of securities.

This Base Prospectus is strictly private and confidential and is being issued to a limited number of investors in the UAE: (i) who qualify as "professional investors" other than natural persons for the purpose of the SCA Decision No. (13/R.M) of 2021 (as amended), or in the case of investors who are natural persons, on the basis of reverse inquiry, upon their request only; (ii) upon their request and confirmation that they understand that the Securities have not been approved or licensed by or registered with the UAE Central Bank, the SCA, or any other relevant licensing authorities or governmental agencies in the UAE; and (iii) on the express condition that they do not provide this Base Prospectus to any person other than the original recipient who may not reproduce or use this Base Prospectus for any other purpose.

## OFFERING AND SALE

Investors that do not understand the contents of this Base Prospectus or are unsure whether the Securities to which this Base Prospectus relates are suitable for their individual investment objectives and circumstances, should consult an authorised financial advisor.

### United Kingdom

Securities issued by BNPP B.V. which have a maturity of less than one year will not be offered or sold other than to persons whose ordinary activities involve them in acquiring, holding, managing or disposing of investments (as principal or agent) for the purposes of their businesses or who it is reasonable to expect will acquire, hold, manage or dispose of investments (as principal or agent) for the purposes of their businesses where the issue of the Securities would otherwise constitute a contravention of Section 19 of the Financial Services and Markets Act 2000 (the "FSMA") by BNPP B.V.

An invitation or inducement to engage in investment activity (within the meaning of Section 21 of the FSMA) in connection with the issue or sale of any Securities may only be communicated to and will only be communicated to (and the relevant Issuer or distributor may only cause to be communicated and will only cause to be communicated) in circumstances in which Section 21(1) of the FSMA does not or, in the case of BNPP, would not, if it was not an authorised person, apply to the relevant Issuer or the Guarantor (if applicable).

All applicable provisions of the FSMA must be complied with in respect of anything done by any purchaser in relation to any Securities issued in, from or otherwise involving the United Kingdom.



**GENERAL INFORMATION**

1. Authorisation

The establishment of the Programme was approved by resolutions of the Board of Directors of BNPP B.V. dated 8 May 2003. The update of the Programme and the issue of Securities under the Programme were approved by resolutions of the Board of Directors of BNPP B.V. dated 29 April 2022. No authorisation procedures are required of BNPP by French law for the update of the Programme or the giving of the Guarantees. The issue of Certificates issued by BNPP under the Programme is authorised pursuant to the Board resolution dated 22 February 2022.

2. Approval and Listing

This Base Prospectus has been approved by the AMF in France in its capacity as competent authority pursuant to the Prospectus Regulation. The AMF only approves this Base Prospectus as meeting the standards of completeness, comprehensibility and consistency imposed by the Prospectus Regulation. Such approval shall not be considered as an endorsement of the Issuer or of the quality of the Securities which are the subject of this Base Prospectus. Investors should make their own assessment as to the suitability of investing in the Securities.

This Base Prospectus is valid until 1 June 2023. The obligation to supplement the Base Prospectus in the event of significant new factors, material mistakes or material inaccuracies does not apply when the Base Prospectus is no longer valid.

3. Notification

Each Issuer may request the AMF to provide the competent authority of any EEA State with a certificate of approval attesting that this Base Prospectus has been drawn up in accordance with the Prospectus Regulation.

4. Documents Available

From the date hereof and so long as Securities are capable of being issued under the Programme, copies of the following documents will, when published, be available for inspection from <https://rates-globalmarkets.bnpparibas.com/gm/Public/LegalDocs.aspx>:

- (i) copies of the Statuts of BNPP;
- (ii) copies of the constitutional documents of BNPP B.V. and BNP Paribas; and
- (iii) this Base Prospectus.

In addition, the Swedish Agency Agreements and the BNPP English Law Guarantee for Unsecured Securities will be available for inspection at the office of the Swedish Security Agent. The Finnish Agency Agreement and the BNPP English Law Guarantee for Unsecured Securities will be available for inspection at the office of the Finnish Security Agent specified in the applicable Final Terms. The Danish Agency Agreement and the BNPP English Law Guarantee for Unsecured Securities will be available for inspection at the office of the Danish Security Agent specified in the applicable Final Terms. The Norwegian Agency Agreement and the BNPP English Law Guarantee for Unsecured Securities will be available for inspection at the office of the Norwegian Security Agent specified in the applicable Final Terms. Copies of the Euroclear Agreement and the BNPP English Law Guarantee for Unsecured Securities will be available from the specified office of the Euroclear Registrar.

**5. Material Adverse Change**

There has been no material adverse change in the financial position or prospects of BNPP or the Group since 31 December 2021 (being the end of the last financial period for which audited financial statements have been published).

There has been no material adverse change in the financial position or prospects of BNPP B.V. since 31 December 2021 (being the end of the last financial period for which audited financial statements have been published).

**6. Legal and Arbitration Proceedings**

Save as disclosed on pages 266 and 267 of the BNPP 2021 Universal Registration Document (in English) and pages 111 and 112 of the First Amendment to the BNPP 2021 Universal Registration Document (in English), there have been no governmental, legal or arbitration proceedings (including any such proceedings which are pending or threatened of which BNPP is aware), during the period covering the twelve (12) months prior to the date of this Base Prospectus which may have, or have had in the recent past, significant effects on BNPP's and/or the Group's financial position or profitability.

There have been no governmental, legal or arbitration proceedings (including any such proceedings which are pending or threatened of which BNPP B.V. is aware) during a period covering the 12 months prior to the date of this Base Prospectus which may have, or have had in the recent past significant effects on BNPP B.V.'s financial position or profitability.

**7. Significant Change**

There has been no significant change in the financial performance or position of BNPP or the Group since 31 March 2022 (being the end of the last financial period for which interim financial statements have been published).

There has been no significant change in the financial performance or position of BNPP B.V. since 31 December 2021 (being the end of the last financial period for which audited financial statements have been published).

**8. Material Contracts**

Neither BNPP B.V. nor BNPP has entered into contracts outside the ordinary course of its respective business, which could result in the relevant Issuer being under an obligation or entitlement that is material to such Issuer's ability to meet its obligation to holders of Securities in respect of the Securities being issued.

**9. Third Party Information**

Information contained in this Base Prospectus which is sourced from a third party has been accurately reproduced and, as far as the relevant Issuer is aware and is able to ascertain from information published by the relevant third party, no facts have been omitted which would render the reproduced information inaccurate or misleading. The relevant Issuer has also identified the source(s) of such information.

**10. Board of Directors**

The members of the Board of Directors of BNPP are displayed on pages 35 to 50 of the BNPP 2021 Universal Registration Document (in English) relating to BNPP which is incorporated by reference herein.

The "Description of BNPP B.V." above includes details of the Management Board of BNPP B.V.

**11. Conflicts of Interests**

## GENERAL INFORMATION

To the knowledge of BNPP, the duties owed by the members of the Board of Directors of BNPP do not give rise to any potential conflicts of interests with such members' private interests or other duties.

The Management Board of BNPP B.V. does not have potential conflicts of interests, material to the issue of Securities, between any duties to BNPP B.V. and its interests or other duties.

### 12. Statutory Auditors

#### *BNPP*

The statutory auditors ("*Commissaires aux comptes*") of BNPP are currently the following:

Deloitte & Associés was appointed as Statutory Auditor at the Annual General Meeting of 24 May 2018 for a six-year period expiring at the close of the Annual General Meeting called in 2024 to approve the financial statements for the year ending 31 December 2023. The firm was first appointed at the Annual General Meeting of 23 May 2006.

Deloitte & Associés is represented by Laurence Dubois.

#### *Deputy:*

BEAS, 6 place de la Pyramide, 92908 Paris – La Défense Cedex, France, SIREN No. 315 172 445, Nanterre trade and companies register.

PricewaterhouseCoopers Audit was appointed as Statutory Auditor at the Annual General Meeting of 24 May 2018 for a six-year period expiring at the close of the Annual General Meeting called in 2024 to approve the financial statements for the year ending 31 December 2023. The firm was first appointed at the Annual General Meeting of 26 May 1994.

PricewaterhouseCoopers Audit is represented by Patrice Morot.

#### *Deputy:*

Jean-Baptiste Deschryver, 63, Rue de Villiers, Neuilly-sur-Seine (92), France.

Mazars was appointed as Statutory Auditor at the Annual General Meeting of 24 May 2018 for a six-year period expiring at the close of the Annual General Meeting called in 2024 to approve the financial statements for the year ending 31 December 2023. The firm was first appointed at the Annual General Meeting of 23 May 2000.

Mazars is represented by Virginie Chauvin.

#### *Deputy:*

Charles de Boisriou, 28 rue Fernand Forest, 92150 Suresnes (92), France.

Deloitte & Associés, PricewaterhouseCoopers Audit, and Mazars are registered as Statutory Auditors with the Versailles Regional Association of Statutory Auditors, under the authority of the French National Accounting Oversight Board (*Haut Conseil du Commissariat aux Comptes*).

#### *BNPP B.V.*

In June 2012 Mazars Accountants N.V. was appointed as the auditor of BNPP B.V. Mazars Accountants N.V. is an independent public accountancy firm in the Netherlands registered with the NBA (*Nederlandse Beroepsorganisatie van Accountants* – The Royal Netherlands Institute of Chartered Accountants).

## GENERAL INFORMATION

Mazars Accountants N.V. is registered with the trade register of the Dutch Chamber of Commerce with number 24402415.

The financial statements of BNPP B.V. for the years ending 31 December 2020 and 31 December 2021 have been audited without qualification by Mazars Accountants N.V.

### 13. Clearing Systems

The English Law Securities represented by a Global Security have been accepted for clearance through Clearstream, Luxembourg, Euroclear, Clearstream, Frankfurt and Monte Titoli. The appropriate CUSIP, common code, ISIN and other relevant code for each issue of English Law Securities represented by a Global Security allocated by DTC, Clearstream, Luxembourg, Euroclear and Monte Titoli will be specified in the applicable Final Terms.

English Law securities represented by a Global Security which are to be listed in a regulated market in Spain shall be accepted for clearance through Iberclear.

CREST Dematerialised Securities will be issued and held in uncertificated form in accordance with the Uncertificated Securities Regulations 2001, including any modification or re-enactment thereof from time to time. Title to CREST Dematerialised Securities is recorded on the relevant operator register of eligible debt securities. The Operator is Euroclear UK & Ireland Limited.

The French Law Securities shall be accepted for clearance through Euroclear France, Euroclear and/or Clearstream, Luxembourg.

Swedish Dematerialised Securities will be accepted for clearing and registration in the Euroclear Sweden System.

Finnish Dematerialised Securities will be accepted for clearing and registration in the Euroclear Finland System.

Italian Dematerialised Securities will be accepted for clearance in Monte Titoli.

Danish Dematerialised Securities will be accepted for clearing and registration in the VP Denmark System.

Norwegian Dematerialised Securities will be accepted for clearing and registration in the VPS Norway System.

Polish Dematerialised Securities will be accepted for registration in the KDPW Poland System and will be cleared by KDPW Poland CCP.

If the Securities of any series are to clear through an additional or alternative clearing system the appropriate information will be specified in the applicable Final Terms.

The address of Clearstream, Luxembourg is 42 avenue JF Kennedy, L-1855 Luxembourg.

The address of Euroclear Bank is 1 Boulevard du Roi Albert II B-1210 Brussels.

The address of Euroclear UK & Ireland Limited is 33 Cannon Street, London EC4M 5SB.

The address of Euroclear France is 113 rue Réaumur, F-75081 Paris-CEDEX 02.

The address of Euroclear Finland is Urho Kekkosen katu 5C, PO Box 1110, 00101 Helsinki, Finland.

The address of Euroclear Sweden is Box 7822, SE-103 97 Stockholm.

The address of Monte Titoli is Piazza degli Affari, 6, 20123 Milano.

## GENERAL INFORMATION

The address of Iberclear is Plaza de la Lealtad, 28014 Madrid.

The address of Clearstream, Frankfurt is Mergenthalerallee 61, 65760 Eschborn, Germany

The address of VP Denmark is Weidekampsgade 14, P.O. Box 4040, 2300 Copenhagen S, Denmark.

The address of VPS Norway is Fred Olsens gate 1, P.O. Box 1174, Sentrum, 0107 Oslo, Norway.

The address of KDPW Poland and KDPW Poland CCP is 4 Książęca Street, Warsaw 00-498, Poland.

### 14. Post-issuance information

Save as set out in the applicable Final Terms, the relevant Issuer will not provide post-issuance information in relation to any underlying in relation to any issue of Securities.

### 15. Yield

In relation to any issue of Fixed Rate Certificates, an indication of the yield (or, gross yield) in respect of such Certificates will be specified in the applicable Final Terms. The yield is calculated at the Issue Date on the basis of the Issue Price and on the assumption that the Securities are not subject to early cancellation or, if applicable, no Credit Event occurs. The yield indicated will be calculated as the yield to maturity as at the Issue Date of the Certificates and will not be an indication of future yield.

### 16. Dependence of BNPP upon other members of the Group

Subject to the following paragraph, BNPP is not dependent upon other members of the Group.

In April 2004, BNP Paribas SA began outsourcing IT Infrastructure Management Services to the BNP Paribas Partners for Innovation ("BP<sup>2</sup>I") joint venture set up with IBM France at the end of 2003. BP<sup>2</sup>I provides IT Infrastructure Management Services for BNP Paribas SA and several BNP Paribas subsidiaries in France (including BNP Paribas Personal Finance, BNP Paribas Securities Services SCA (the business of which will be transferred to and assumed by BNP Paribas SA as a consequence of the intragroup merger scheduled to take effect on 1 October 2022, after which BNP Paribas Securities Services will cease to be a distinct legal entity), and BNP Paribas Cardif), Switzerland and Italy. The contractual arrangement with IBM France was successively extended from year to year until the end of 2021, and then extended for a period of 5 years (i.e. to the end of 2026) in particular to integrate the IBM cloud services.

BP<sup>2</sup>I is under the operational control of IBM France. BNP Paribas has a strong influence over this entity, which is 50/50 owned with IBM France. The BNP Paribas staff made available to BP<sup>2</sup>I make up half of that entity's permanent staff. Its buildings and processing centres are the property of the Group, and the governance in place provides BNP Paribas with the contractual right to monitor the entity and bring it back into the Group if necessary.

In 2021, BNPP decided to re-integrate BP<sup>2</sup>I's activities. To this end, on 31 December 2021, BNPP purchased the shares in BP<sup>2</sup>I held by IBM, making BP<sup>2</sup>I a wholly owned subsidiary of the Group.

### 17. Buy-back Provisions in respect of French law governed Certificates

The buy-back provisions described in this Section 17 relate only to French law governed Certificates.

If so provided in the relevant Final Terms, BNP Paribas Arbitrage S.N.C. undertakes, subject to normal market conditions prevailing at such time and pursuant to a market making agreement entered into between BNPP B.V. and BNP Paribas Arbitrage S.N.C. on 11 April 2014, to purchase Certificates from each Holder upon request from such Holder on the following conditions:

## GENERAL INFORMATION

- (a) if so specified in the relevant Final Terms, each request shall be for a minimum number of Certificates (the "**Minimum Size**") specified in the relevant Final Terms and multiples of 1 Certificate thereafter;
- (b) if so specified in the relevant Final Terms, each request shall be for a maximum number of Certificates (the "**Maximum Size**") specified in the relevant Final Terms and multiples of 1 Certificate thereafter;
- (c) each Holder must notify BNP Paribas Arbitrage S.N.C. in writing or by telephone to be confirmed in writing to the contact details specified below no later than 12.00 a.m. Central European Time on a relevant day (the "**Buy-back Transaction Date**") of its intention to sell and its request to BNP Paribas Arbitrage S.N.C. to purchase a specified number of Certificates subject to the Minimum Size and/or the Maximum Size, if any; and
- (d) BNP Paribas Arbitrage S.N.C. will pay the Purchase Price of the relevant Certificates (the "**Purchase Price**") to the relevant Holder against delivery of such Certificates on the date specified in the relevant Final Terms (the "**Buy-back Settlement Date**").

Except as otherwise specified in the relevant Final Terms, the contact details of BNP Paribas Arbitrage S.N.C. are:

Email:	eqd.secondary@bnpparibas.com
Bloomberg mail:	BNPP SECONDARY
Paris – telephone number:	+33 1 4014 9405
London – telephone number:	+44 207 595 3950

The Purchase Price of the Certificates will be determined by BNP Paribas Arbitrage S.N.C. acting in good faith and in a commercially reasonable manner in accordance with the formula specified in the relevant Final Terms.

As at the date of this Base Prospectus (as supplemented from time to time), it is expected that the formula used by BNP Paribas Arbitrage S.N.C. to determine the Purchase Price in relation to Certificates linked to a Custom Index will be that set out below, although an alternative formula may be specified in the applicable Final Terms:

$$N \times \left( \frac{\text{Index}_t}{\text{Index}_{\text{Initial}}} - \text{Percentage} \right) \times \prod_{t=1}^x \left( 1 - (\text{MF} + \text{AF}) \times \frac{\text{Act}_{(t,t-1)}}{360} \right)$$

" $\text{Act}_{(t,t-1)}$ " is the number of calendar days from, but excluding, Custom Index Business Day (t-1) to, and including, Custom Index Business Day (t).

" $\text{Index}_t$ " is the Settlement Price of the relevant Custom Index at the Buy-back Transaction Date. For the purposes of this formula only, the Buy-back Transaction Date will be deemed to be an Observation Date.

" $\text{Index}_{\text{Initial}}$ " is the Settlement Price of the relevant Custom Index on the Strike Date.

" $x$ " is the total number of Custom Index Business Days from and including the Strike Date to and including the relevant Buy-back Transaction Date.

"**AF**" means the adjustment factor corresponding to the cost of hedging and, where applicable, the cost of licence fees specified in the relevant Final Terms. If these costs increase due to prevailing market conditions AF may be adjusted to take into account such increases, by an amount calculated by BNP Paribas Arbitrage S.N.C. acting in a commercially reasonable manner. In such case AF will be displayed on the Reuters page BNPPETC or any successor pages thereto, and on any other data provider as BNP Paribas Arbitrage S.N.C. deems appropriate. The maximum AF shall be specified in the relevant Final terms ("**Maximum AF**").

"**MF**" means the management fee deducted by the Issuer specified in the relevant Final Terms.

## GENERAL INFORMATION

"N" means the Notional Amount of each Certificate.

"Percentage" means the percentage specified in the relevant Final Terms.

Terms used in the above formula or definitions but not defined in this Section 17 will have the meanings given to them in the applicable Final Terms.

### 18. Capitalization and Medium and Long Term Debt Indebtedness over one year of BNPP and the BNP Paribas Group

The following table<sup>1</sup> sets forth the consolidated capitalization and medium to long term indebtedness (i.e. of which the unexpired term to maturity is more than one year) of the Group as of 31 March 2022 and 31 December 2021 using the Group's prudential scope of consolidation.

The "prudential scope of consolidation", as defined in EU Regulation No. 575/2013 on capital requirements for credit institutions and investment firms is used by the Group in the preparation of its "Pillar 3" disclosure set out in Chapter 5 of the BNPP 2021 Universal Registration Document (in English). It differs from the "accounting scope of consolidation" used by the Group in the preparation of its consolidated financial statements under IFRS as adopted by the European Union. The principal differences between the two scopes of consolidation are summarised in Note 1 to the table below.

Except as set forth in this section, there has been no material change in the capitalization of the Group since 31 March 2022.

For the avoidance of doubt, the figures in the table below are derived from the Group's unaudited consolidated financial statements as of 31 March 2022 and the Group's audited consolidated financial statements as of and for the year ended 31 December 2021 (which do not include prudential deductions) and are used for the purposes of the Group's prudential capital calculations.

	<u>As of</u> <u>March 31, 2022</u> <u>(unaudited)</u>	<u>As of</u> <u>December 31, 2021</u> <u>(audited)</u>
<i>(in millions of euros)</i>		
<b>Medium- and Long-Term Debt (of which the unexpired term to maturity is more than one year)<sup>2</sup></b>		
<i>Senior preferred debt at fair value through profit or loss .....</i>	40,227	40,555
<i>Senior preferred debt at amortized cost .....</i>	19,275	25,241
<b>Total Senior Preferred Debt .....</b>	<b>59,502</b>	<b>65,796</b>
<i>Senior non preferred debt at fair value through profit or loss .....</i>	4,432	3,933
<i>Senior non preferred debt at amortized cost .....</i>	63,586	62,536
<b>Total Senior Non Preferred Debt .....</b>	<b>68,018</b>	<b>66,469</b>
 Redeemable subordinated debt at amortized cost .....	 22,666	 21,444
Undated subordinated notes at amortized cost <sup>3</sup> .....	501	494
Undated participating subordinated notes at amortized cost <sup>4</sup> .....	225	225
Redeemable subordinated debt at fair value through profit or loss .....	23	25

## GENERAL INFORMATION

Perpetual subordinated notes at fair value through profit or loss <sup>5,6</sup> .....	846	906
Preferred shares and equivalent instruments <sup>7</sup> .....	8,624	9,207
<b>Total Subordinated Debt</b> .....	<b>32,885</b>	<b>32,301</b>
Issued capital <sup>8</sup> .....	2,469	2,469
Additional paid-in capital .....	23,689	23,878
Retained earnings .....	78,398	77,587
Unrealized or deferred gains and losses attributable to Shareholders.....	348	216
<b>Total Shareholders' Equity and Equivalents (net of proposed dividends)</b> .....	<b>104,904</b>	<b>104,150</b>
Minority interests (net of proposed dividends).....	4,217	4,234
<b>Total Capitalization and Medium-to-Long Term Indebtedness</b> .....	<b>269,526</b>	<b>272,950</b>

- (1) Prior to 30 September 2018, the Group presented its consolidated capitalization and medium-to-long term indebtedness using the accounting scope of consolidation. Since then, the Group presents its capitalization table using the prudential scope of consolidation. As stated in Section 5.2 of the BNPP 2021 Universal Registration Document (in English) the material differences between the prudential scope of consolidation and the accounting scope of consolidation are the following:

- insurance companies (primarily BNP Paribas Cardif and its subsidiaries) that are fully consolidated under the accounting scope of consolidation are accounted for under the equity method in the prudential scope of consolidation;
- jointly controlled entities (mainly UCI Group entities and Bpost banque) are accounted for under the equity method in the accounting scope of consolidation and under the proportional consolidation scope in the prudential scope of consolidation.

- (2) All medium- and long-term senior preferred debt of BNPP ranks equally with deposits and senior to the new category of senior non preferred debt first issued by BNPP in January 2017. The subordinated debt of BNPP is subordinated to all of its senior debt (including both senior preferred and senior non preferred debt). BNPP and its subsidiaries issue medium- to long-term debt on a continuous basis, particularly through private placements in France and abroad.

Euro against foreign currency as at 31 December 2019, CAD = 1.457, GBP = 0.847, CHF = 1.085, HKD = 8.732, JPY = 121.903, USD = 1.122.

Euro against foreign currency as at 31 December 2020, CAD = 1.555, GBP = 0.893, CHF = 1.082, HKD = 9.465, JPY = 126.099, USD = 1.221.

Euro against foreign currency as at 31 December 2021, CAD = 1.39, GBP = 0.841, CHF = 1.038, HKD = 8.875, JPY = 131.009, USD = 1.173.

Euro against foreign currency as at 31 March 2022, CAD = 1.382, GBP = 0.843, CHF = 1.021, HKD = 8.667, JPY = 134.606, USD = 1.107.

- (3) At 31 March 2022, the remaining subordinated debt included €501 million of undated floating-rate subordinated notes ("TSDIs").



## GENERAL INFORMATION

- (4) Undated participating subordinated notes issued by BNP SA in July 1984 for a total amount of €337 million are redeemable only in the event of the liquidation of BNPP, but may be redeemed in accordance with the terms specified in the French law of 3 January 1983. The number of notes outstanding as at 31 March 2022 was 1,434,092 amounting to approximately €219 million. Payment of interest is obligatory, but the Board of Directors may postpone interest payments if the Ordinary General Meeting of shareholders held to approve the financial statements notes that there is no income available for distribution. Additionally, as at 31 March 2022, there were 28,689 undated participating subordinated notes issued by Fortis Banque France (amounting to approximately €4 million) and 6,773 undated participating subordinated notes issued by Banque de Bretagne (amounting to approximately €2 million) outstanding; both entities have since been merged into BNP Paribas.
- (5) Subordinated debt corresponds to an issue of Convertible And Subordinated Hybrid Equity-linked Securities ("**CASHES**") made by Fortis Bank SA/NV (now acting in Belgium under the commercial name BNP Paribas Fortis) in December 2007, for an initial nominal amount of €3 billion, which has now been reduced to an outstanding nominal amount of €948 million corresponding to a market value of €846 million at 31 March 2022. They bear interest at a floating rate equal to three-month EURIBOR plus a margin equal to 2% paid quarterly in arrears. The CASHES are undated but may be exchanged for Ageas (previously Fortis SA/NV) shares at the holder's sole discretion at a price per Ageas share of €239.40. However, as of 19 December 2014, the CASHES are subject to automatic exchange into Ageas shares if the price of Ageas shares is equal to or higher than €359.10 for twenty consecutive trading days. The principal amount will never be redeemed in cash. The rights of CASHES holders are limited to the Ageas shares held by BNP Paribas Fortis and pledged to them.

Ageas and BNP Paribas Fortis have entered into a Relative Performance Note ("**RPN**") contract, the value of which varies contractually so as to offset the impact on BNP Paribas Fortis of the relative difference between changes in the value of the CASHES and changes in the value of the Ageas shares.

On 7 May 2015, BNP Paribas and Ageas reached an agreement which allows BNP Paribas to purchase outstanding CASHES subject to the condition that these are converted into Ageas shares, leading to a proportional settlement of the RPN. The agreement between Ageas and BNP Paribas expired on 31 December 2016 and has not been renewed.

On 24 July 2015, BNP Paribas obtained a prior agreement from the European Central Bank permitting it to purchase outstanding CASHES up to a nominal amount of €200 million. In 2016, BNP Paribas used such agreement to purchase €164 million outstanding CASHES, converted into Ageas shares.

On 8 July 2016, BNP Paribas obtained a new agreement from the European Central Bank which superseded the prior agreement permitting it to purchase outstanding CASHES up to a nominal amount of €200 million. BNP Paribas requested the cancellation of this agreement from the European Central Bank and the European Central Bank approved such cancellation in August 2017.

As at 31 March 2022, the subordinated liability is no longer eligible to Tier 1 capital (considering that the grandfathering period expired).

- (6) Carrying amount of the CASHES, of which the amount eligible in prudential own funds was €205 million as of 31 December 2021 and €0 as of 31 March 2022.
- (7) Consists of numerous issuances by BNP Paribas in various currencies (i) over the 2005-2009 period, of undated deeply subordinated non-cumulative notes and (ii) since 2015, of perpetual fixed rate resettable additional tier 1 notes. The details of the debt instruments recognized as capital, as well as their characteristics, as required by Implementing Regulation No. 1423/2013, are available in the BNP Paribas Debt section of BNPP's investor relations website at [www.invest.bnpparibas.com](http://www.invest.bnpparibas.com).

## **GENERAL INFORMATION**

- (8) At 31 March 2022, BNPP's share capital stood at €2,468,663,292 divided into 1,234,331,646 shares with a par value of €2 each.

19. Events impacting the solvency of BNPP

To the best of BNPP's knowledge, there have not been any recent events which are to a material extent relevant to the evaluation of BNPP's solvency since 31 March 2022.

This Base Prospectus (together with supplements to this Base Prospectus from time to time (each a "**Supplement**" and together the "**Supplements**")) comprises a base prospectus for the purposes of Article 8 of the Prospectus Regulation. "**Prospectus Regulation**" means Regulation (EU) 2017/1129 of 14 June 2017. In relation to each separate issue of Securities, the final offer price and the amount of such Securities will be determined by the Issuer and the relevant manager in accordance with prevailing market conditions at the time of the issue of the Securities and will be set out in the relevant Final Terms.

In accordance with Article 23(2a) of the Prospectus Regulation, investors who have already agreed to purchase or subscribe for Securities before this Base Prospectus is published have the right, exercisable within three working days after the publication of this Base Prospectus, to withdraw their acceptances.

No person is or has been authorised to give any information or to make any representation not contained in or not consistent with this document or any other information supplied in connection with the Programme or the Securities and, if given or made, such information or representation must not be relied upon as having been authorised by BNPP B.V., BNPP or any manager of an issue of Securities, including BNPP Securities Corp. (as applicable to such issue of Securities, each a "**Manager**"). This document does not constitute, and may not be used for the purposes of, an offer or solicitation by anyone in any jurisdiction in which such offer or solicitation is not authorised or to any person to whom it is unlawful to make such offer or solicitation and no action is being taken to permit an offering of the Securities or the distribution of this document in any jurisdiction where any such action is required.

This document is to be read and construed in conjunction with all documents which are deemed to be incorporated herein by reference (see "*Documents Incorporated by Reference*" above).

The Securities shall be redeemed on each instalment date and/or redemption date by payment of one or more Instalment Amount or Cash Settlement Amount(s) (in the case of Cash Settled Securities) and/or by delivery of the Entitlement (in the case of Physically Settled Securities). In order to receive the Entitlement, the holder of a Security will be required to submit an Asset Transfer Notice and in certain circumstances to certify, *inter alia* (in accordance with Condition 35.2(a)(i) of "*Terms and Conditions of the Securities*"), that it is not a U.S. person or acting on behalf of a U.S. person. Upon transfer or exchange of U.S. Securities, the holder will, in certain circumstances, be required to certify that the transfer or exchange, as the case may be, is being made to a person whom the transferor or exchange or reasonably believes is not a U.S. person or, in the case of U.S. Certificates issued by BNPP, is a QIB or an AI, and in the case of U.S. Certificates issued by BNPP B.V., is a QIB who is also a QP, as applicable, who acquired the right to such transfer or exchange in a transaction exempt from the registration requirements of the Securities Act. The proposed transferee may also be required to deliver an investment letter as a condition precedent to such proposed transfer or exchange (in accordance with the provisions outlined in Condition 2.4 of "*Terms and Conditions of the Securities*"). Where Certificates are Exercisable Certificates, such Certificates will be automatically exercised on one or more dates as provided herein. Exercisable Certificates are Cash Settled Certificates.

The Securities of each issue may be sold by the relevant Issuer and/or any Manager at such time and at such prices as the Issuer and/or the Manager(s) may select. There is no obligation upon the relevant Issuer or any Manager to sell all of the Securities of any issue. The Securities of any issue may be offered or sold from time to time in one or more transactions in the over-the-counter market or otherwise at prevailing market prices or in negotiated transactions, at the discretion of the relevant Issuer.

Subject to the restrictions set forth herein, each Issuer shall have complete discretion as to what type of Securities it issues and when.

No Manager has independently verified the information contained herein. Accordingly, no representation, warranty or undertaking, express or implied, is made and no responsibility is accepted by any Manager as to the accuracy or completeness of the information contained in this Base Prospectus or any other information provided by BNPP B.V.

and/or BNPP. The Manager(s) accept no liability in relation to the information contained in this Base Prospectus or any other information provided by BNPP B.V. and/or BNPP in connection with the Programme.

BNPP B.V. and BNPP have not investigated, and do not have access to information that would permit them to ascertain, whether any company that has issued equity, debt or other instruments to which any U.S. Securities relate is a passive foreign investment company for U.S. tax purposes. Prospective investors in any U.S. Securities that are U.S. taxpayers should consult their own advisers concerning U.S. tax considerations relevant to an investment in such U.S. Securities.

Neither this Base Prospectus nor any other information supplied in connection with the Programme or any Securities (a) is intended to provide the basis of any credit or other evaluation or (b) should be considered as a recommendation by BNPP B.V., BNPP or any Manager that any recipient of this Base Prospectus or any other information supplied in connection with the Programme or any Securities should purchase any Securities. Each investor contemplating purchasing any Securities should make its own independent investigation of the financial condition and affairs, and its own appraisal of the creditworthiness, of BNPP B.V. and/or BNPP. Neither this Base Prospectus nor any other information supplied in connection with the Programme or the issue of any Securities constitutes an offer or an invitation by or on behalf of BNPP B.V., BNPP or the Managers or any other person to subscribe for or to purchase any Securities.

The delivery of this Base Prospectus does not at any time imply that the information contained herein concerning BNPP B.V. or BNPP is correct at any time subsequent to the date hereof or that any other information supplied in connection with the Programme is correct as of any time subsequent to the date indicated in the document containing the same. No Manager undertakes to review the financial condition or affairs of BNPP B.V. or BNPP during the life of the Programme. Investors should review, *inter alia*, the most recently published audited annual non-consolidated financial statements and interim financial statements of BNPP B.V. and/or the most recently published audited annual consolidated financial statements, unaudited semi-annual interim consolidated financial statements and quarterly financial results of BNPP, as applicable, when deciding whether or not to purchase any Securities.

## **IMPORTANT INFORMATION RELATING TO NON-EXEMPT OFFERS OF SECURITIES**

### **Restrictions on Non-exempt Offers of Securities in relevant Member States of the EEA**

Certain issues of Securities with an issue price or Notional Amount, as applicable of less than €100,000 (or its equivalent in any other currency) may be offered in circumstances where there is no exemption from the obligation under the Prospectus Regulation to publish a prospectus. Any such offer is referred to as a "**Non-exempt Offer**". This Base Prospectus has been prepared on a basis that permits Non-exempt Offers of Securities in each state in relation to which the relevant Issuer has given its consent (from among Member States) as specified in the applicable Final Terms (each specified state a "**Non-exempt Offer Jurisdiction**" and together the "**Non exempt Offer Jurisdictions**"). Any person making or intending to make a Non-exempt Offer of Securities on the basis of this Base Prospectus must do so only with the relevant Issuer's consent to the use of this Base Prospectus as provided under "*Consent given in accordance with Article 5(1) of the Prospectus Regulation*" below and provided such person complies with the conditions attached to that consent.

Save as provided above, neither BNPP B.V. nor BNPP have authorised, nor do they authorise, the making of any Non-exempt Offer of Securities in circumstances in which an obligation arises for either BNPP B.V. or BNPP to publish or supplement a prospectus for such offer.

### **Consent given in accordance with Article 5(1) of the Prospectus Regulation**

In the context of a Non-exempt Offer of Securities, BNPP B.V. and BNPP accept responsibility, in each of the Non-exempt Offer Jurisdictions, for the content of this Base Prospectus in relation to any person (an "**Investor**") who purchases any Securities in a Non-exempt Offer made by a Manager or an Authorised Offeror (as defined below), where that offer is made during the Offer Period specified in the applicable Final Terms and provided that the conditions attached to the

giving of consent for the use of this Base Prospectus are complied with. The consent and conditions attached to it are set out under "*Consent*" and "*Common Conditions to Consent*" below.

Neither BNPP B.V. nor BNPP makes any representation as to the compliance by an Authorised Offeror with any applicable conduct of business rules or other applicable regulatory or securities law requirements in relation to any Non-exempt Offer and neither BNPP B.V. nor BNPP has any responsibility or liability for the actions of that Authorised Offeror.

**Except in the circumstances set out in the following paragraphs, neither BNPP B.V. nor BNPP has authorised the making of any Non-exempt Offer by any offeror and BNPP B.V. and BNPP have not consented to the use of this Base Prospectus by any other person in connection with any Non-exempt Offer of Securities. Any Non-exempt Offer made without the consent of the relevant Issuer is unauthorised and neither BNPP B.V. nor BNPP accepts any responsibility or liability in relation to such offer or for the actions of the persons making any such unauthorised offer.** If, in the context of a Non-exempt Offer, an Investor is offered Securities by a person which is not an Authorised Offeror, the Investor should check with that person whether anyone is responsible for this Base Prospectus for the purposes of the relevant Non-Exempt Offer and, if so, who that person is. If the Investor is in any doubt about whether it can rely on this Base Prospectus and/or who is responsible for its contents it should take legal advice.

The financial intermediaries referred to in paragraphs (a)(ii), (a)(iii) and (b) below are together the "**Authorised Offerors**" and each an "**Authorised Offeror**".

### ***Consent***

In connection with each issue of Securities and subject to the conditions set out below under "*Common Conditions to Consent*":

#### ***Specific Consent***

- (a) each Issuer consents to the use of this Base Prospectus (as supplemented as at the relevant time, if applicable) in connection with a Non-exempt Offer of such Securities by:
  - (i) the relevant Manager(s) specified in the applicable Final Terms;
  - (ii) any financial intermediaries specified in the applicable Final Terms; and
  - (iii) any other financial intermediary appointed after the date of the applicable Final Terms and whose name is published on BNPP's website (<https://rates-globalmarkets.bnpparibas.com/gm/Public/LegalDocs.aspx>) (in the case of Securities issued by BNPP or BNPP B.V.) and identified as an Authorised Offeror in respect of the relevant Non-exempt Offer; and

#### ***General Consent***

- (a) if (and only if) Part A of the applicable Final Terms specifies "General Consent" as "Applicable", each Issuer hereby offers to grant its consent to the use of this Base Prospectus (as supplemented as at the relevant time, if applicable) in connection with a Non-exempt Offer of Securities by any other financial intermediary which satisfies the following conditions:
  - (i) it is authorised to make such offers under applicable legislation implementing the Markets in Financial Instruments Directive II (Directive 2014/65/EU); and
  - (ii) it accepts the relevant Issuer's offer to grant consent to the use of this Base Prospectus by publishing on its website the following statement (with the information in square brackets duly completed) (the "**Acceptance Statement**"):

*"We, [insert legal name of financial intermediary], refer to the offer of [insert title of relevant Securities] (the "**Securities**") described in the Final Terms dated [insert date] (the "**Final Terms**") published by [ ] (the "**Issuer**"). In consideration of the Issuer offering to grant its consent to our use of the Base Prospectus (as defined in the Final Terms) in connection with the offer of the Securities in [specify Member State(s)] during the Offer Period and subject to the other conditions to such consent, each as specified in the Base Prospectus, we hereby accept the offer by the Issuer in accordance with the Authorised Offeror Terms (as specified in the Base Prospectus) and confirm that we are using the Base Prospectus accordingly."*

The "**Authorised Offeror Terms**", being the terms to which the relevant financial intermediary agrees in connection with using this Base Prospectus, are that the relevant financial intermediary:

- (A) will, and it agrees, represents, warrants and undertakes for the benefit of BNPP B.V. and BNPP that it will, at all times in connection with the relevant Non-exempt Offer:
  - I. act in accordance with, and be solely responsible for complying with, all applicable laws, rules, regulations and guidance of any applicable regulatory bodies (the "**Rules**") from time to time including, without limitation and in each case, Rules relating to both the appropriateness or suitability of any investment in the Securities by any person and disclosure to any potential Investor;
  - II. comply with the restrictions set out under "*Offering and Sale*" in this Base Prospectus and consider the relevant manufacturer's target market and assessment and distribution channels identified under the "MiFID II product governance/target market assessment" legend which may be set out in the applicable Final Terms;
  - III. ensure that any fee (and any other commissions or benefits of any kind) or rebate received or paid by the relevant financial intermediary in relation to the offer or sale of the Securities does not violate the Rules and, to the extent required by the Rules, is fully and clearly disclosed to Investors or potential Investors;
  - IV. hold all licences, consents, approvals and permissions required in connection with solicitation of interest in, or offers or sales of, the Securities under the Rules;
  - V. comply with applicable anti-money laundering, anti-bribery, anti-corruption and "know your client" Rules (including, without limitation, taking appropriate steps, in compliance with such Rules, to establish and document the identity of each potential Investor prior to initial investment in any Securities by the Investor), and will not permit any application for Securities in circumstances where the financial intermediary has any suspicions as to the source of the application monies;
  - VI. retain Investor identification records for at least the minimum period required under applicable Rules, and shall, if so requested and to the extent permitted by the Rules, make such records available to BNPP B.V. and BNPP or directly to the appropriate authorities with jurisdiction over BNPP B.V. and BNPP in order to enable BNPP B.V. and BNPP to comply with anti-money laundering, anti-bribery, anti-corruption and "know your client" Rules applying to BNPP B.V. and BNPP;
  - VII. ensure that it does not, directly or indirectly, cause BNPP B.V. or BNPP to breach any Rule or subject BNPP B.V. or BNPP to any requirement to obtain or make any filing, authorisation or consent in any jurisdiction;

- VIII. ensure that Investors understand the risks associated with an investment in the Securities;
- IX. immediately inform BNPP B.V. or BNPP if at any time it becomes aware or suspects that it is or may be in violation of any Rules and take all appropriate steps to remedy such violation and comply with such Rules in all respects;
- X. comply with the conditions to the consent referred to under "*Common conditions to consent*" below and any further requirements or other Authorised Offeror Terms relevant to the Non-exempt Offer as specified in the applicable Final Terms;
- XI. make available to each potential Investor in the Securities this Base Prospectus (as supplemented as at the relevant time, if applicable), the applicable Final Terms and any applicable information booklet provided by the relevant Issuer for such purpose, and not convey or publish any information that is not contained in or entirely consistent with this Base Prospectus and the applicable Final Terms;
- XII. if it conveys or publishes any communication (other than this Base Prospectus or any other materials provided to such financial intermediary by or on behalf of the relevant Issuer for the purposes of the relevant Non-exempt Offer) in connection with the relevant Non-exempt Offer, it will ensure that such communication (A) is fair, clear and not misleading and complies with the Rules, (B) states that such financial intermediary has provided such communication independently of the relevant Issuer, that such financial intermediary is solely responsible for such communication and that neither BNPP B.V. nor BNPP accepts any responsibility for such communication and (C) does not, without the prior written consent of BNPP B.V. or BNPP (as applicable), use the legal or publicity names of BNPP B.V. or BNPP or any other name, brand or logo registered by an entity within their respective groups or any material over which any such entity retains a proprietary interest, except to describe the relevant Issuer as issuer of the relevant Securities and, if applicable, the Guarantor as the guarantor of the relevant Securities on the basis set out in this Base Prospectus;
- XIII. ensure that no holder of Securities or potential Investor in Securities shall become an indirect or direct client of BNPP B.V. and BNPP for the purposes of any applicable Rules from time to time, and to the extent that any client obligations are created by the relevant financial intermediary under any applicable Rules, then such financial intermediary shall perform any such obligations so arising;
- XIV. co-operate with BNPP B.V. and BNPP in providing relevant information (including, without limitation, documents and records maintained pursuant to paragraph (VI) above) and such further assistance as is reasonably requested upon written request from BNPP B.V. or BNPP, as applicable, in each case, as soon as is reasonably practicable and, in any event, within any time frame set by any such regulator or regulatory process. For this purpose, relevant information is information that is available to or can be acquired by the relevant financial intermediary:
- (i) in connection with any request or investigation by any regulator in relation to the Securities, BNPP B.V. or BNPP; and/or
  - (ii) in connection with any complaints received by BNPP B.V. or BNPP relating to BNPP B.V. or BNPP or another Authorised Offeror including, without limitation, complaints as defined in the Rules; and/or

- (iii) which BNPP B.V. or BNPP may reasonably require from time to time in relation to the Securities and/or to allow BNPP B.V. or BNPP fully to comply with its own legal, tax and regulatory requirements,
  - XV. during the period of the initial offering of the Securities: (i) only sell the Securities at the Issue Price specified in the applicable Final Terms (unless otherwise agreed with the relevant Issuer and the relevant Manager); (ii) only sell the Securities for settlement on the Issue Date specified in the applicable Final Terms; (iii) not appoint any sub-distributors (unless otherwise agreed with the relevant Issuer and the relevant Manager); (iv) not pay any fee or remuneration or commissions or benefits to any third parties in relation to the offering or sale of the Securities (unless otherwise agreed with the relevant Issuer and the relevant Manager); and (v) comply with such other rules of conduct as may be reasonably required and specified by the relevant Issuer and the relevant Manager; and
  - XVI. either (i) obtain from each potential Investor an executed application for the Securities, or (ii) keep a record of all requests the relevant financial intermediary (x) makes for its discretionary management clients, (y) receives from its advisory clients and (z) receives from its execution-only clients, in each case prior to making any order for the Securities on their behalf, and in each case maintain the same on its files for so long as is required by any applicable Rules;
- (B) agrees and undertakes to each of BNPP B.V. and BNPP that if it or any of its respective directors, officers, employees, agents, affiliates and controlling persons (each a "**Relevant Party**") incurs any losses, liabilities, costs, claims, charges, expenses, actions or demands (including reasonable costs of investigation and any defence raised thereto and counsel's fees and disbursements associated with any such investigation or defence) (a "**Loss**") arising out of or in relation to, or in connection with, any breach of any of the foregoing agreements, representations, warranties or undertakings by the relevant financial intermediary, including (without limitation) any unauthorised action by the relevant financial intermediary or failure by it to observe any of the above restrictions or requirements or the making by it of any unauthorised representation or the giving or use by it of any information which has not been authorised for such purposes by BNPP B.V. or BNPP, the relevant financial intermediary shall pay to BNPP B.V. or BNPP, an amount equal to the Loss. Neither BNPP B.V. nor BNPP shall have any duty or obligation, whether as fiduciary or trustee for any relevant party or otherwise to recover any such payment or to account to any other person for any amounts paid to it under this provision; and
- (C) agrees and accepts that:
- I. the contract between the relevant Issuer and the relevant financial intermediary formed upon acceptance by the relevant financial intermediary of the relevant Issuer's offer to use this Base Prospectus with its consent in connection with the relevant Non-exempt Offer (the "**Authorised Offeror Contract**"), and any non-contractual obligations arising out of or in connection with the Authorised Offeror Contract, shall be governed by, and construed in accordance with, English law;
  - II. where the offer relates to English Law Securities, the English courts have jurisdiction to settle any dispute arising out of or in connection with the Authorised Offeror Contract (including any dispute relating to any non-contractual obligations arising out of or in connection with the Authorised Offeror Contract) (a "**Dispute**") and the



relevant Issuer and the financial intermediary submit to the exclusive jurisdiction of the English courts;

- III. where the offer relates to French Law Securities, the courts within the jurisdiction of the Paris Court of Appeal (*Cour d'Appel de Paris*) have jurisdiction to settle any dispute arising out of or in connection with the Authorised Offeror Contract (including any dispute relating to any non-contractual obligations arising out of or in connection with the Authorised Offeror Contract) (a "**Dispute**") and the relevant Issuer and the financial intermediary submit to the jurisdiction of such French courts;
- IV. for the purposes of (C)(II) and (III), the relevant Issuer and the financial intermediary waive any objection to the relevant courts on the grounds that they are an inconvenient or inappropriate forum to settle any dispute;
- V. each of the relevant Issuer and the financial intermediary will, pursuant to the Contracts (Rights of Third Parties) Act 1999, be entitled to enforce those provisions of the Authorised Offeror Contract which are, or are expressed to be, for their benefit, including the agreements, representations, warranties, undertakings and indemnity given by the financial intermediary pursuant to the Authorised Offeror Terms.

**Any Authorised Offeror falling within (b) above who meets the conditions set out in (b) and the other conditions stated in "*Common Conditions to Consent*" below and who wishes to use this Base Prospectus in connection with a Non-exempt Offer is required, for the duration of the relevant Offer Period, to publish on its website the Acceptance Statement.**

#### ***Common Conditions to Consent***

The conditions to the Issuer's consent to the use of this Base Prospectus in the context of the relevant Non-exempt Offer are (in addition to the conditions described in paragraph (b) above if Part A of the applicable Final Terms specifies "*General Consent*" as "*Applicable*") that such consent:

- (i) is only valid during the Offer Period specified in the applicable Final Terms; and
- (ii) only extends to the use of this Base Prospectus to make Non-exempt Offers of the relevant Tranche of Securities in Belgium, Croatia, the Czech Republic, Denmark, Finland, France, Germany, Hungary, Ireland, Italy, Luxembourg, Norway, Poland, Portugal, Romania, Slovakia, Spain and Sweden as specified in the applicable Final Terms.

The consent referred to above only relates to Offer Periods (if any) occurring within 12 months from the date of this Base Prospectus.

The only Member States which may, in respect of any Tranche of Securities, be specified in the applicable Final Terms (if any Member State of the EEA is so specified) as indicated in (ii) above, will be Belgium, Croatia, the Czech Republic, Denmark, Finland, France, Germany, Hungary, Ireland, Italy, Luxembourg, Norway, Poland, Portugal, Romania, Slovakia, Spain and Sweden, and accordingly each Tranche of Securities may only be offered to Investors as part of a Non-exempt Offer in Belgium, Croatia, the Czech Republic, Denmark, Finland, France, Germany, Hungary, Ireland, Italy, Luxembourg, Norway, Poland, Portugal, Romania, Slovakia, Spain and Sweden, as specified in the applicable Final Terms, or otherwise in circumstances in which no obligation arises for BNPP B.V. or BNPP to publish or supplement a prospectus for such offer.

#### ***ARRANGEMENTS BETWEEN INVESTORS AND AUTHORISED OFFERORS***

**AN INVESTOR INTENDING TO PURCHASE OR PURCHASING ANY SECURITIES IN A NON-EXEMPT OFFER FROM AN AUTHORISED OFFEROR WILL DO SO, AND OFFERS AND SALES OF SUCH SECURITIES TO AN INVESTOR BY SUCH AUTHORISED OFFEROR WILL BE MADE, IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE OFFER IN PLACE BETWEEN SUCH AUTHORISED OFFEROR AND SUCH INVESTOR INCLUDING ARRANGEMENTS IN RELATION TO PRICE, ALLOCATIONS, EXPENSES AND SETTLEMENT. THE RELEVANT ISSUER WILL NOT BE A PARTY TO ANY SUCH ARRANGEMENTS WITH SUCH INVESTORS IN CONNECTION WITH THE NON-EXEMPT OFFER OR SALE OF THE SECURITIES CONCERNED AND, ACCORDINGLY, THIS BASE PROSPECTUS AND ANY FINAL TERMS WILL NOT CONTAIN SUCH INFORMATION. THE RELEVANT INFORMATION WILL BE PROVIDED BY THE AUTHORISED OFFEROR AT THE TIME OF SUCH OFFER. NEITHER BNPP B.V. NOR BNPP HAS ANY RESPONSIBILITY OR LIABILITY TO AN INVESTOR IN RESPECT OF THE INFORMATION DESCRIBED ABOVE.**

#### **INFORMATION RELATED TO SECURITIES SOLD IN BELGIUM**

In respect of Securities offered to individuals in Belgium, the relevant Issuer may be required to comply with the provisions of the Belgian Code of Economic Law, especially the provisions on unfair terms in the application of the terms and conditions as set out in the Base Prospectus and the applicable Final Terms relating to such Securities in Belgium, insofar as these provisions would be applicable.

#### **Information relating to the use of this Base Prospectus and offer of Securities generally.**

The distribution of this Base Prospectus and the offering of Securities in certain jurisdictions may be restricted by law. Persons into whose possession this Base Prospectus comes are required by BNPP B.V., BNPP and each Manager to inform themselves about and to observe any such restrictions.

In this Base Prospectus references to (a) U.S.\$ and U.S. dollars are to United States dollars, (b) euro, € and EUR are to the currency introduced at the start of the third stage of European economic and monetary union pursuant to the Treaty on the Functioning of the European Union, as amended and (c) Renminbi, RMB and CNY are to the lawful currency of the People's Republic of China (excluding the Hong Kong Special Administrative Region of the People's Republic of China ("**Hong Kong**"), the Macau Special Administrative Region of the People's Republic of China ("**Macau**") and Taiwan).

In this Base Prospectus, unless the contrary intention appears, a reference to a law or a provision of a law is a reference to that law or provision as extended, amended or re-enacted.

Each of BNPP B.V. (in respect of itself) and BNPP (in respect of itself and BNPP B.V.) accepts responsibility for the information contained in this Base Prospectus. To the best of the knowledge of each of BNPP B.V. and BNPP (who have taken all reasonable care to ensure that such is the case), the information contained herein is in accordance with the facts and does not omit anything likely to affect the import of such information.

Information contained in this Base Prospectus which is sourced from a third party has been accurately reproduced and, as far as the relevant Issuer is aware and is able to ascertain from information published by the relevant third party, no facts have been omitted which would render the reproduced information inaccurate or misleading. The relevant Issuer has also identified the source(s) of such information.

The applicable Final Terms will (if applicable) specify the nature of the responsibility taken by the relevant Issuer and, if applicable, the Guarantor for the information relating to the underlying asset, index or other item(s) to which the Securities relate, which is contained in such Final Terms.

## RESPONSIBILITY STATEMENT

### RESPONSIBILITY STATEMENT

I hereby certify on behalf of BNPP and BNPP B.V., having taken all reasonable care to ensure that such is the case, that, to the best of my knowledge, the information contained in this Base Prospectus is in accordance with the facts and contains no omission likely to affect its import.

**BNP Paribas**

16 boulevard des Italiens  
75009 Paris  
France

Represented by Renaud Dumora  
in his capacity as Deputy Chief Operating Officer in charge of Investment & Protection Services

Dated 1 June 2022



This Base Prospectus has been approved by the AMF, in its capacity as competent authority under Regulation (EU) 2017/1129. The AMF has approved this Base Prospectus after having verified that the information it contains is complete, coherent and comprehensible within the meaning of Regulation (EU) 2017/1129.

This approval is not a favourable opinion on the Issuer and on the quality of the Securities described in this Base Prospectus. Investors should make their own assessment of the opportunity to invest in such Securities.

This Base Prospectus has been approved on 1 June 2022 and is valid until 1 June 2023 and shall, during this period and in accordance with the provisions of Article 23 of Regulation (EU) 2017/1129, be completed by a supplement to the Base Prospectus in the event of new material facts or substantial errors or inaccuracies. This Base Prospectus obtained the following approval number: n°22-189.

## ISSUER

### **BNP Paribas Issuance B.V.**

Herengracht 595  
1017 CE Amsterdam  
The Netherlands

## ISSUER AND GUARANTOR

### **BNP Paribas**

16 boulevard des Italiens  
75009 Paris  
France

## AGENTS

(prior to the Merger Date (as  
defined in the Conditions))

### **BNP Paribas Securities Services**

#### **Luxembourg Branch**

60, avenue J.F. Kennedy  
L-1855 Luxembourg

### **BNP Paribas Securities Services**

3 rue d'Antin

75002 Paris

France

### **BNP Paribas Arbitrage S.N.C.**

1 rue Laffitte

75009 Paris

France

### **The Bank of New York Mellon**

240 Greenwich Street

Floor 7 East

New York, New York 10286

United States

### **BNP Paribas Securities Services**

#### **Milan Branch**

Piazza Lina Bo Bardi

3-20124

Milan

Italy

### **BNP Paribas Securities Services**

#### **Frankfurt Branch**

Senckenberganlage 19

60325 Frankfurt am Main

Germany

### **BNP Paribas Securities Services,**

#### **Branch in Spain**

Calle de Emilio Vargas 4

Madrid,

28043

Spain

### **BNP Paribas Securities Services,**

#### **Paris, Succursale de Zurich**

Selnaustrasse 16

P.O. Box

8022 Zurich

Switzerland

### **Nordea Bank Abp,**

#### **Swedish Branch**

Issuer Services

Smålandsgatan 17

105 71 Stockholm

Sweden

### **Computershare Investor Services (Guernsey) Limited**

1st Floor, Tudor House

Le Bordage

St Peter Port

Guernsey

GM1 1DB

### **BNP Paribas Trust Corporation UK Limited**

10 Harewood Avenue

London

NW1 6AA

United Kingdom

### **BNP Paribas Securities Services SKA Oddział w Polsce**

ul. Wronia 31

00-846 Warsaw

Poland

### **Nordea Bank AB (Publ), Filial i Norge**

Essendropsgt. 7

P.O. Box 116, Sentrum

N-0368, Oslo

Norway

**AGENTS**  
(from and including the Merger Date)

**BNP Paribas, Succursale de  
Luxembourg**  
60, avenue J.F. Kennedy  
L-1855 Luxembourg

**BNP Paribas**  
3 rue d'Antin  
75002 Paris  
France

**BNP Paribas Arbitrage S.N.C.**  
1 rue Laffitte  
75009 Paris  
France

**The Bank of New York Mellon**  
240 Greenwich Street  
Floor 7 East  
New York, New York 10286  
United States

**BNP Paribas S.A., Succursale Italia**  
Piazza Lina Bo Bardi  
3-20124  
Milan  
Italy

**BNP Paribas S.A. Niederlassung  
Deutschland**  
Senckenberganlage 19  
60325 Frankfurt am Main  
Germany

**BNP Paribas S.A., Sucursal en  
España**  
Calle de Emilio Vargas 4  
Madrid  
28043  
Spain

**BNP Paribas, Paris, Zurich Branch**  
Selnaustrasse 16  
P.O. Box  
8022 Zurich  
Switzerland

**Nordea Bank Abp,  
Swedish Branch**  
Issuer Services  
Smålandsgatan 17  
105 71 Stockholm  
Sweden

**Computershare Investor Services (Guernsey) Limited**  
1st Floor, Tudor House  
Le Bordage  
St Peter Port  
Guernsey  
GM1 1DB

**BNP Paribas Trust Corporation UK Limited**  
10 Harewood Avenue  
London  
NW1 6AA  
United Kingdom

**BNP Paribas S.A. Branch in Poland**  
ul. Wronia 31  
00-846 Warsaw  
Poland

**Nordea Bank AB (Publ), Filial i Norge**  
Essendropsgt. 7  
P.O. Box 116, Sentrum  
N-0368, Oslo  
Norway

**SECURITY TRUSTEE**

**The Law Debenture Trust  
Corporation p.l.c.**

8th Floor  
100 Bishopsgate  
London  
EC2N 4AG  
United Kingdom

**REGISTRARS**  
**(prior to the Merger Date)**

**BNP Paribas Securities Services**

**Luxembourg Branch**  
60, avenue J.F. Kennedy  
L-1855 Luxembourg

**BNP Paribas Securities (Japan) Services**

GranTokyo North Tower  
1-9-1 Marunouchi, Chiyoda-ku  
Tokyo 100-6740  
Japan

**REGISTRARS**  
**(from and including the Merger Date)**

**BNP Paribas,  
Succursale de Luxembourg**  
60, avenue J.F. Kennedy  
L-1855 Luxembourg

**BNP Paribas Securities (Japan) Services**  
GranTokyo North Tower  
1-9-1 Marunouchi, Chiyoda-ku  
Tokyo 100-6740  
Japan

**LEGAL ADVISERS**

*To the Issuers and the Guarantor as to English law*

**Allen & Overy LLP**  
One Bishops Square  
London  
E1 6AD  
United Kingdom

*To BNPP B.V. and BNPP as to U.S. law*

**Allen & Overy LLP**  
One Bishops Square  
London  
E1 6AD  
United Kingdom

*To BNPP B.V. and BNPP as to French Law*

**Allen & Overy LLP**  
52, avenue Hoche  
CS 90005  
75379 Paris  
France

**Printed by Allen & Overy LLP**

**First Supplement dated 11 August 2022**  
**to the Base Prospectus for the issue of Certificates dated 1 June 2022**



**BNP Paribas Issuance B.V.**

*(incorporated in The Netherlands)*

*(as Issuer)*

**BNP Paribas**

*(incorporated in France)*

*(as Issuer and Guarantor)*

**Note, Warrant and Certificate Programme**

This first supplement (the "**First Supplement**") is supplemental to, and should be read in conjunction with, the base prospectus dated 1 June 2022 (the "**Base Prospectus**"), in respect of Certificates issued under the Note, Warrant and Certificate Programme (the "**Programme**") of BNP Paribas Issuance B.V. ("**BNPP B.V.**"), BNP Paribas ("**BNPP**") and BNP Paribas Fortis Funding.

The Base Prospectus constitutes a base prospectus for the purposes of Article 8 of the Prospectus Regulation. "**Prospectus Regulation**" means Regulation (EU) 2017/1129 of 14 June 2017. The Base Prospectus received approval no. 22-189 on 1 June 2022 from the *Autorité des marchés financiers* (the "**AMF**"). Application has been made to the AMF for approval of this First Supplement in its capacity as competent authority under the Prospectus Regulation.

BNPP (in respect of itself and BNPP B.V.) and BNPP B.V. (in respect of itself) accept responsibility for the information contained in this First Supplement, save that BNPP B.V. accepts no responsibility for the Second Amendment to the BNPP 2021 Universal Registration Document (in English), the Third Amendment to the BNPP 2021 Universal Registration Document (in English) or the Fourth Amendment to the BNPP 2021 Universal Registration Document (in English) (each as defined below) and the updated disclosure in respect of BNPP. To the best of the knowledge of BNPP and BNPP B.V. (who have taken all reasonable care to ensure that such is the case), the information contained herein is, subject as provided in the preceding sentence, in accordance with the facts and does not omit anything likely to affect the import of such information.

Unless the context otherwise requires, terms defined in the Base Prospectus shall have the same meanings when used in this First Supplement.

To the extent that there is any inconsistency between (i) any statement in this First Supplement and (ii) any statement in, or incorporated by reference in, the Base Prospectus the statement referred to in (i) above will prevail.

Copies of this First Supplement will be available on the website of BNP Paribas (<https://rates-globalmarkets.bnpparibas.com/gm/Public/LegalDocs.aspx>) and on the website of the AMF ([www.amf-france.org](http://www.amf-france.org)).

This First Supplement has been prepared in accordance with Article 23 of the Prospectus Regulation for the purposes of giving information which amends or is additional to the information already contained in the Base Prospectus.

This First Supplement has been prepared for the purposes of:

- (A) amending the "Risks" section;
- (B) incorporating by reference:
  - (i) the second *Amendement au Document d'Enregistrement Universel au 31 décembre 2021* in English dated 28 June 2022 (the "**Second Amendment to the BNPP 2021 Universal Registration Document (in English)**");
  - (ii) the third *Amendement au Document d'Enregistrement Universel au 31 décembre 2021* in English dated 29 July 2022 (the "**Third Amendment to the BNPP 2021 Universal Registration Document (in English)**"); and
  - (iii) the fourth *Amendement au Document d'Enregistrement Universel au 31 décembre 2021* in English dated 4 August 2022 (the "**Fourth Amendment to the BNPP 2021 Universal Registration Document (in English)**"); and
- (C) amending the "General Information" section.

The incorporation by reference referred to in (B) above has been made to update the disclosure for BNPP. The amendments referred to in (A) and (C) above have been made to reflect the updated BNPP disclosure referred to in (B) above.

**In accordance with Article 23(2a) of the Prospectus Regulation, in the case of an offer of Securities to the public, investors who have already agreed to purchase or subscribe for Securities issued under the Programme before this First Supplement is published and which are affected by the amendments made in this First Supplement, have the right, exercisable before the end of the period of three working days beginning with the working day after the date of publication of this First Supplement to withdraw their acceptances. This right to withdraw shall expire by close of business on 18 August 2022. Investors can exercise their right to withdraw their acceptances by contacting the person from whom any such investor has agreed to purchase or subscribe for such Securities before the above deadline.**



## TABLE OF CONTENTS

### Page

Amendments to the Risks Section.....	4
Documents Incorporated by Reference .....	14
Amendments to the General Information Section .....	21
Responsibility Statement.....	25

## AMENDMENTS TO THE RISKS SECTION

*In relation to the amendments to the "Risks" section of the Base Prospectus set out under paragraphs (c) to (j) of this section (other than paragraph (h)(ii) below), (i) text which, by virtue of this First Supplement is added thereto is shown underlined and (ii) text which, by virtue of this First Supplement is deleted therefrom is shown with a line drawn through the middle of the deleted text.*

The "**RISKS**" section on pages 28 to 91 of the Base Prospectus is amended as follows:

- (a) the paragraph under the heading "**Risks Relating to BNPP and its Industry**" on page 28 of the Base Prospectus is deleted and replaced with the following:

"See "Risk Factors" under Chapter 5 on pages 309 to 323 of the BNPP 2021 Universal Registration Document (in English), pages 92 to 107 of the First Amendment to the BNPP 2021 Universal Registration Document (in English) and pages 217 to 235 of the Third Amendment to the BNPP 2021 Universal Registration Document (in English) (each as defined below), each of which is incorporated by reference in this document.";

- (b) the table under the heading "**Risk Factors**" on page 28 of the Base Prospectus is deleted and replaced with the following:

<i>"Risks weighted assets in billions of euros"</i>	<b>30.06.22</b>	<b>31.12.21</b>	<b>31.12.20</b>
Credit risk	581	554	527
Counterparty credit risk	48	40	41
Securitisation risk in the banking book	16	14	14
Operational risk	62	63	71
Market risk	29	25	25
Amounts below the thresholds for deduction (subject to 250% risk weight)	20	18	17
<b>Total</b>	<b>756</b>	<b>714</b>	<b>696";</b>

- (c) the paragraphs under the heading "**1. Credit risk, counterparty risk and securitisation risk in the banking book**" on page 29 of the Base Prospectus are amended as follows:

"BNPP's **credit risk** is defined as the probability of a borrower or counterparty defaulting on its obligations to BNPP. Probability of default along with the recovery rate of the loan or debt in the event of default are essential elements in assessing credit quality. In accordance with the European Banking Authority recommendations, this category of risk also includes risks on equity investments, as well as those related to insurance activities. As of 31 December 2021, BNPP's credit risk exposure broke down as follows: corporates (41%), central governments and central banks (27%), retail customers (25%), credit institutions (4%), other items (2%) and equities (1%). As of 31 December 2021, 32% of BNPP's credit exposure was comprised of exposures in France, 16% in Belgium and Luxembourg, 9% in Italy, 19% in other European countries, 13% in North America, 6% in Asia and 5% in the rest of the world. BNPP's risk-weighted assets subject to this type of risk amounted to €554 billion at 31 December 2021, or 78% of the total risk-weighted assets of the BNPP, compared to €527 billion at 31 December 2020 and €581 billion at 30 June 2022, or 77% of the total risk-weighted assets of BNPP.

BNPP's **counterparty risk** arises from its credit risk in the specific context of market transactions, investments, and/or settlements. BNPP's exposure to counterparty risk, excluding Credit Valuation Adjustment ("**CVA**") risk as of 31 December 2021, is comprised of: 44% in the corporate sector, 19% in governments and central banks, 13% in credit institutions and investment firms, and 24% in clearing houses. By product, BNPP's exposure, excluding CVA risk, as of 31 December 2021 was comprised of: 51% in over-the-counter ("**OTC**") derivatives, 33% in repurchase transactions and securities

lending/borrowing, 10% in listed derivatives and 6% in contributions to the clearing houses' default funds. The amount of this risk varies over time, depending on fluctuations in market parameters affecting the potential future value of the covered transactions. In addition, CVA risk measures the risk of losses related to CVA volatility resulting from fluctuations in credit spreads associated with the counterparties in respect of which BNPP is subject to risk. The risk-weighted assets subject to counterparty credit risk amounted to €40 billion at 31 December 2021, representing 6% of BNPP's total risk-weighted assets, compared to €41 billion at 31 December 2020 and €48 billion at 30 June 2022, or 6% of the total risk-weighted assets of BNPP.

**Securitisation risk in the banking book:** Securitisation is a transaction or arrangement by which the credit risk associated with a liability or set of liabilities is subdivided into tranches. Any commitment made by BNPP under a securitisation structure (including derivatives and liquidity lines) is considered to be a securitisation. The bulk of BNPP's commitments are in the prudential banking portfolio. Securitised exposures are essentially those generated by BNPP. The securitisation positions held or acquired by BNPP may also be categorized by its role: of the positions as at 31 December 2021, BNPP was originator of 50%, was sponsor of 31% and was investor of 19%. The risk-weighted assets subject to this type of risk amounted to €14 billion at 31 December 2021, representing 2% of BNPP's total risk-weighted assets, unchanged compared to 31 December 2020 and €16 billion at 30 June 2022, or 2% of the total risk-weighted assets of BNPP.";

(d) the risk factors under the heading "**1. Credit risk, counterparty risk and securitisation risk in the banking book**" on pages 29 to 31 of the Base Prospectus are amended as follows:

(i) the second paragraph under the risk factor entitled "*1.1 A substantial increase in new provisions or a shortfall in the level of previously recorded provisions exposed to credit risk and counterparty risk could adversely affect BNPP's results of operations and financial condition.*" on pages 29 and 30 of the Base Prospectus is amended as follows:

"As a result, in connection with its lending activities, BNPP regularly establishes provisions, which are recorded on its income statement in the line item Cost of Risk. These provisions amounted to €2,925 billion at 31 December 2021, representing 34 basis points of outstanding customer loans (compared with 66 basis points at 31 December 2020 and 39 basis points at 31 December 2019). The significant increase in these provisions in 2020 reflects the economic consequences of the health crisis and is an example of the materialisation of this risk, while their decrease in 2021 is explained by a high base in 2020, a limited number of defaults and write-backs of provisions on performing loans. In the first half of 2022, the cost of risk was impacted by a €511 million provision for ex-ante expected losses (levels 1 and 2) related to the indirect effects of the invasion of Ukraine and the rise in inflation and interest rates, partially offset by a write-back of provisions related to the health crisis of €187 million."; and

(ii) the last sentence of the penultimate paragraph under the risk factor entitled "*1.2 The soundness and conduct of other financial institutions and market participants could adversely affect BNPP.*" on page 31 of the Base Prospectus is amended as follows:

"BNPP remains the subject of various claims in connection with the Madoff matter; see Note 76.b "Legal proceedings and arbitration" to the consolidated financial statements for the period ended 30 June 2022~~31 December 2021~~, which are set out in the Third Amendment to the BNPP 2021 Universal Registration Document (in English).";

(e) the last paragraph under the heading "**2. Operational Risk**" on page 31 of the Base Prospectus is amended as follows:

"The risk-weighted assets subject to this type of risk amounted to €63 billion at 31 December 2021, representing 9% of BNPP's total risk-weighted assets, compared to €71 billion at 31 December 2020 and €62 billion at 30 June 2022, or 8% of the total risk-weighted assets of BNPP.";

- (f) the last paragraph under the heading "**3. Market risk**" on page 33 of the Base Prospectus is amended as follows:

"The risk-weighted assets subject to this type of risk amounted to €25 billion at 31 December 2021, representing 3% of BNPP's total risk-weighted assets, compared to €25 billion ~~at 31 December 2020~~, representing 4% of BNPP's total risk-weighted assets, at 31 December 2020 and €29 billion at 30 June 2022, or 4% of the total risk-weighted assets of BNPP.";

- (g) the risk factors under the heading "**4. Liquidity and funding risk**" on pages 35 and 36 of the Base Prospectus are amended as follows:

- (i) the paragraph under the risk factor entitled "*4.1 BNPP's access to and cost of funding could be adversely affected by a resurgence of financial crises, worsening economic conditions, rating downgrades, increases in sovereign credit spreads or other factors.*" on page 35 of the Base Prospectus is amended as follows:

"The financial crisis, the eurozone sovereign debt crisis as well as the general macroeconomic environment, at times adversely affected the availability and cost of funding for European banks around ten years ago. This was due to several factors, including a sharp increase in the perception of bank credit risk due to exposure to sovereign debt in particular, credit rating downgrades of sovereigns and of banks, and debt market speculation. Many European banks, including BNPP, at various points during these periods experienced restricted access to wholesale debt markets for institutional investors and to the interbank market, as well as a general increase in their cost of funding. In the context of the health crisis, the European Central Bank ("ECB") also set up refinancing facilities designed to foster the banks' financing of the economy (targeted longer-term refinancing options or "TLTRO"), on which BNPP has drawn. Such adverse credit market conditions may reappear in the event of a recession, prolonged stagnation of growth, deflation, "stagflation" (sluggish growth accompanied by inflation), a resurgence of the financial crisis, another sovereign debt crisis or new forms of financial crises, factors relating to the financial industry or the economy in general (including the economic consequences of the health crisis or the invasion of Ukraine and its impact on the world economy (including inflation)) or to BNPP in particular. In this case, the effect on the liquidity of the European financial sector in general or BNPP in particular could be materially adverse and have a negative impact on BNPP's results of operations and financial condition."; and

- (ii) the first paragraph under the risk factor entitled "*4.3 Any downgrade of BNPP's credit ratings could weigh heavily on the profitability of BNPP.*" on page 36 of the Base Prospectus is amended as follows:

"Credit ratings have a significant impact on BNPP's liquidity. On 24 June 2021, Standard & Poor's confirmed the long-term rating of BNPP's deposits and senior preferred debt rating as A+, confirmed its short-term rating as A-1 and revised the outlook from negative to stable. On 23 September 2021, Fitch maintained its long-term deposits and senior preferred debt ratings for BNPP at AA- and F1+ and revised its outlook to stable. On ~~4 December 2020~~ 5 July 2022, Moody's confirmed its long-term deposits and senior preferred debt rating as Aa3, and confirmed its short-term rating as P-1, with a stable outlook. On ~~29 June 2021~~ 2022, DBRS confirmed BNPP's senior preferred debt rating as AA (low), as well as its short-term rating as R-1 (middle) with a stable outlook. A downgrade in BNPP's credit rating could affect the liquidity and competitive position of BNPP. It could also increase BNPP's borrowing costs, limit access to the capital markets or trigger additional obligations under its covered bonds or under certain bilateral provisions in some trading, derivative or collateralised financing contacts.";

(h) the risk factors under the heading **"5. Risks related to the macroeconomic and market environment"** on pages 36 to 40 of the Base Prospectus are amended as follows:

(i) the paragraphs under the risk factor entitled *"5.1 Adverse economic and financial conditions have in the past had and may in the future have an impact on BNPP and the markets in which it operates."* on pages 36 to 38 of the Base Prospectus are amended as follows:

"BNPP's business is sensitive to changes in the financial markets and more generally to economic conditions in France (32% of BNPP's revenues at 31 December 2021), other countries in Europe (45% of BNPP's revenues at 31 December 2021) and the rest of the world (23% of BNPP's revenues at 31 December 2021, including 5% related to activities of the Bank of the West in the United States). A deterioration in economic conditions in the markets in the countries where BNPP operates and in the economic environment could in the future have, some or all of the following impacts:

- Adverse economic conditions affecting the business and operations of BNPP's customers, reducing credit demand and trading volume and resulting in an increased rate of default on loans and other receivables, in part as a result of the deterioration of the financial capacity of companies and households;
- A decline in market prices of bonds, equities and commodities affecting the businesses of BNPP, including in particular trading, investment banking and asset management revenues;
- Macroeconomic policies adopted in response to actual or anticipated economic conditions having unintended effects, and are likely to impact market parameters such as interest rates and foreign exchange rates, which in turn can affect BNPP's businesses that are most exposed to market risk;
- Perceived favourable economic conditions generally or in specific business sectors resulting in asset price bubbles, ~~which could in turn exacerbate the impact of and the subsequent~~ corrections when conditions become less favourable;
- A significant economic disruption (such as the global financial crisis of 2008, the European sovereign debt crisis of 2011 ~~or, the COVID-19 pandemic since 2020~~ recession caused since 2020 by COVID-19 or high inflation and rising interest rates as well as geopolitical shocks (such as, the invasion of Ukraine in 2022)) having a substantial impact on all of BNPP's activities, particularly if the disruption is characterised by an absence of market liquidity that makes it difficult to sell certain categories of assets at their estimated market value or at all. These disruptions could also lead to a decline in transaction commissions and consumer loans; and
- A significant deterioration of market and economic conditions resulting from, among other things, adverse political and geopolitical events such as natural disasters, geopolitical tensions, health risks such as the ~~COVID-19 health crisis~~ coronavirus pandemic and its aftermath, the fear or recurrence of new epidemics or pandemics, acts of terrorism, societal unrest, cyber-attacks, military conflicts or threats thereof and related risks (in particular, the ongoing war in Ukraine and related sanctions), may affect the operating environment for BNPP episodically or for extended periods.

Since 2020, economies and financial markets have ~~been, and should continue in 2022~~ continued to be, particularly sensitive to a number of factors, including the evolution of the ~~COVID-19~~ coronavirus pandemic and its economic consequences, in particular, the increase in sovereign and corporate debt that pre-dated the health crisis and has been aggravated by it, as well as the strength and staying power of the economic recovery following the crisis' peak, which is itself dependent on a number of factors (see risk factor 7.1, *"Epidemics and pandemics, including the ongoing coronavirus (COVID-19) pandemic and their economic consequences may adversely affect the Group's business, operations, results and financial condition"* below).

In addition, numerous factors are currently affecting ~~or~~and may continue to affect the economy and the financial markets in the coming months or years, in particular geopolitical tensions or shocks (notably in Eastern Europe, and in particular, the invasion of Ukraine, as discussed below), political risks directly affecting Europe, general trends in consumer and commodity prices characterised by very high inflation, corresponding trends in wages, supply chain pressures, the changing economic situation in certain countries or regions that contribute to overall global economic growth, tensions around international trade and, as discussed below, the evolution of monetary policy and interest rates (these elements themselves being affected by the above-mentioned factors).

~~The~~In particular, the invasion of Ukraine ~~and the ongoing war~~, as well as the reaction of the international community, have been, continue to be, and could continue to be a source of instability for BNPP, depressing stock market indices, inflating commodity prices (notably oil, gas and agricultural products, such as wheat), aggravating supply chain disruption and causing an increase in production costs and inflation more generally. These events have had, and are expected to continue to have, economic and financial repercussions that will increase inflation and decrease global growth and BNPP and its clients could be adversely affected as a result.

More generally, the volatility of financial markets could adversely affect BNPP's trading and investment positions in the debt, currency, commodity and equity markets, as well as its positions in other investments. For reference, Global Markets accounted for 14.8% of BNPP's revenues in 2021. Severe market disruptions and extreme market volatility have occurred often in recent years and may occur again in the future, which could result in significant losses for BNPP. Such losses may extend to a broad range of trading and hedging products, including swaps, forward and future contracts, options and structured products. The volatility of financial markets makes it difficult to predict trends and implement effective trading strategies.

It is difficult to predict economic or market ~~downturns~~declines or other market disruptions, and which markets will be most significantly impacted. If economic or market conditions in France or elsewhere in Europe, or global markets more generally, ~~were to~~ deteriorate or become ~~more~~increasingly volatile, BNPP's operations could be disrupted, and its business, results of operations and financial condition could be adversely affected.";

- (ii) the title and the paragraphs thereunder of the risk factor entitled "5.2 Significant interest rate changes could adversely affect BNPP's revenues or profitability. The prolonged low interest rate environment carries inherent systemic risks, which could impact BNPP's income or profitability, and any exit from such environment would also carry risks." on pages 38 and 39 of the Base Prospectus are deleted and replaced with the following:

"5.2 Significant interest rate changes could adversely affect BNPP's revenues or profitability. There are risks associated with exiting or remaining in a prolonged low interest rate environment.

The net interest income recorded by BNPP during any given period significantly affects its overall revenues and profitability for that period. Interest rates are highly sensitive to many factors beyond BNPP's control, such as the rate of inflation, country-specific monetary policies and certain decisions concerning regulatory capital. Changes in market interest rates could affect the interest rates charged on interest-earning assets differently from the interest rates paid on interest-bearing liabilities. Increases in the interest rates at which BNPP's short-term funding is available and maturity mismatches may adversely affect its profitability. Conversely, any adverse change in the yield curve could cause a decline in net interest income generated by BNPP's lending activities.



After a long period of low interest rates (in France, Europe and globally) which intensified during the initial phases of the coronavirus pandemic – due, in particular, to the very accommodating central bank monetary policies – the central banks have been tightening monetary policy since the beginning of 2022, faced with the emergence of stronger and more lasting inflation than initially expected, leading in turn to a rapid and significant rise in market interest rates. For example, on 15 June 2022, the US Federal Reserve stated that it raised its main benchmark interest rate to 1.75% and plans to continue acting in view of reducing inflation to 2%. At the same time, the ECB initiated a first increase of 0.50% on 21 July 2022 and approved the creation of a new "transmission protection instrument". It ended its emergency pandemic purchase programme in March 2022 and its TLTRO in June 2022.

Normalisation or tightening of monetary policy following a prolonged period of low interest rates creates risks. Tightening more than expected or more quickly than expected could have a negative impact on the economy and lead to a recession. In the euro zone, which has up until now been characterised by a unified monetary policy despite the varying risk profiles of the component countries, the widening of the spread between sovereign bonds could have an impact on the financing of countries experiencing the greatest rate increases and, in the long term, could have more serious macroeconomic consequences. In addition, a general increase in key interest rates could prompt holders of low-interest debt or assets to switch to higher-interest bearing assets and further reduce the value of portfolios of fixed-interest debt or assets with lower interest rates. If BNPP's hedging strategies prove ineffective or provide only a partial hedge against this decline in value, BNPP could incur losses. Policy decisions to increase the rate of return on regulated savings (already underway in France) should increase the positive inflow of funds into such investments and, conversely, lead to a shift away from unregulated products, which earn lower rates of return or no returns. Such a scenario, combined with the fact that regulated savings would continue to be remunerated at a higher level than the level received by BNPP for these same deposits, could result in additional costs related to the amount of outstanding deposits and lead to a decrease in the funding resources of BNPP. With respect to the financing granted by BNPP, this could in particular test the resilience of BNPP's loan and bond portfolio and possibly lead to an increase in non-performing loans and loan defaults. In addition, rising interest rates increase the cost of BNPP's funding resources and lead to higher market rates for originated loans under the combined effects of a possible decline in new production and increased competition.

More generally, the gradual evolution of monetary policies, as currently implemented by central banks, has contributed to, and could continue to contribute to, the correction of certain markets or market sectors (for example, non-investment grade borrowers and sovereign borrowers, and certain equity and real estate markets) and impact market participants who have particularly benefited from a prolonged environment of low interest rates and abundant liquidity. These corrections have, and could continue to, spread to all financial markets, particularly due to a significant increase in volatility.

A return in the medium-term to a low interest rate environment, or a decline in interest rates, particularly following a recession, cannot be ruled out. Such a development would be likely to weigh significantly on the profitability of banks, as was the case during the recent long period of low interest rates. The relative impact on banks depends in particular on the proportion of revenues generated by net interest income: this proportion was 46% for BNPP in 2021 (see the "Reconciliation Table - IFRS 5" in Chapter 3 of the BNPP 2021 Universal Registration Document (in English)). During periods of low interest rates, interest rate spreads tend to tighten, and BNPP may be unable to lower interest rates on deposits sufficiently to offset reduced income from lending at lower interest rates. Net interest income amounted to €21,312 million in 2020 and €21,209 million in 2021, respectively. On an indicative basis, over one-

two- and three-year timeframes, the sensitivity of revenues at 31 December 2021 to a parallel, instantaneous and definitive increase in market rates of +50 basis points (+0.5%) across all currencies had an impact of +€127 million, +€537 million and +€694 million, respectively, or +0.3%, +1.2% and +1.5% of BNPP's net banking income. The negative interest rate environment in which banks are charged for cash deposited with central banks, where banks typically do not charge clients for deposits, weighs significantly on banks' margins. In addition, BNPP has been facing and may continue to face an increase in early repayment and refinancing of mortgages and other fixed rate consumer and corporate loans as clients take advantage of relatively low borrowing costs. This, along with the issuance of new loans at the low prevailing market interest rates, has resulted and may continue to result in a decrease in the average interest rate of BNPP's portfolio of loans thereby causing a decline in its net interest income from lending activities. Moreover, an environment of persistently low interest rates can also have the effect of flattening the yield curve in the market more generally, which could reduce the premium generated by BNPP from its funding activities. A flattening yield curve can also influence financial institutions to engage in riskier activities in an effort to earn the desired level of returns, which can increase overall market risk and volatility. Low interest rates may also affect the profitability and even the solvency of the insurance activities of French banks, including BNPP, particularly due to the prevalence in the market of life insurance contracts backed by euro-denominated funds, which may not be able to generate sufficient returns to be competitive with other investment products. Low interest rates may also adversely affect commissions charged by BNPP's asset management subsidiaries on money market and other fixed income products. A reduction in credit spreads and decline in retail banking income resulting from lower portfolio interest rates may adversely affect the profitability of BNPP's retail banking operations."; and

- (iii) the penultimate paragraph of the risk factor entitled "5.3 *Given the global scope of its activities, BNPP is exposed to country risk and to changes in the political, macroeconomic or financial contexts of a region or country.*" on pages 39 and 40 of the Base Prospectus is amended as follows:

"In addition, BNPP is present in Ukraine, a country invaded in February 2022 ~~and which has been a war zone since then~~, through its subsidiary UkrSibbank in which it holds a 60% stake alongside the European Bank for Reconstruction and Development (40%). At 31 December 2021, UkrSibbank's balance sheet totaled approximately 0.08% of that of BNPP. The total equity of the subsidiary represented approximately 0.15% of consolidated equity of BNPP's share. At 31 December 2021, BNPP generated less than 0.5% of its pre-tax profit in Ukraine (see Chapter 8.6 (*Information on locations and businesses in 2021*) of the BNPP 2021 Universal Registration Document (in English)). BNPP's total gross on- and off-balance sheet exposures to Ukraine (which are concentrated on UkrSibbank) represented less than 0.09% of BNPP's gross exposures. The ~~war~~war situation in Ukraine has profoundly changed the continuing operations of local banks, which – since 24 February 2022 – are focused on the provision of payment instruments and services critical to the economy within the framework of the new regulations introduced by the Ukrainian central bank. In this context, BNPP has estimated that as of 31 March 2022, it exerts significant influence over UkrSibbank within the meaning of the applicable accounting standards. Consequently, in accordance with applicable accounting standards, BNPP has recorded, as of 31 March 2022, a 90% impairment of its shares in UkrSibbank amounting to ~~EUR €~~159 million, as well as a loss of ~~EUR €~~274 million relating to the recycling of the conversion reserve.";

- (i) the risk factor entitled "6.2 *BNPP may incur substantial fines and other administrative and criminal penalties for non-compliance with applicable laws and regulations, and may also incur losses in related (or unrelated) litigation with private parties.*" under the heading "6. Regulatory Risks" on pages 43 and 44 of the Base Prospectus is amended as follows:



- (i) the last sentence of the first paragraph on page 43 of the Base Prospectus is amended as follows:

"BNPP may record provisions in this respect as indicated in Note 4.m "Provisions for contingencies and charges" to the consolidated financial statements for the period ended ~~31 December 2021~~30 June 2022, which are set out in the Third Amendment to the BNPP 2021 Universal Registration Document (in English)."; and

- (ii) the first sentence of the last paragraph on page 44 of the Base Prospectus is amended as follows:

"BNPP is currently involved in various litigations and investigations, as summarised in Note ~~7.6~~7.6.b "~~Contingent liabilities: legal~~Legal proceedings and arbitration" to the consolidated financial statements for the period ended ~~31 December 2021~~30 June 2022, which are set out in the Third Amendment to the BNPP 2021 Universal Registration Document (in English)."; and

- (j) the risk factors under the heading "**7. Risks related to BNPP's growth in its current environment**" on pages 44 to 49 of the Base Prospectus are amended as follows:

- (i) the paragraphs under the risk factor entitled "*7.1 Epidemics and pandemics, including the ongoing coronavirus (COVID-19) pandemic and their economic consequences may adversely affect BNPP's business, operations, results and financial condition.*" on pages 44 to 47 of the Base Prospectus are amended as follows:

- (A) the first two paragraphs on page 45 of the Base Prospectus are amended as follows:

"A global pandemic linked to a novel strain of coronavirus (COVID-19) has severely disrupted economies and financial markets worldwide since 2020. The introduction of lockdown measures and other restrictions initially caused economies in many regions to contract, trade to decline, production capacity to decrease, growth forecasts to be cut and supply chains to be disrupted. In a second phase, the roll-out of vaccination campaigns and the adaptation of economic actors allowed the gradual adaptation of these measures and restrictions, leading to a recovery in economic activity. As a result, various growth forecasts converge on a strong economic recovery. ~~For example, according to the January 2022 estimates and projections of the International Monetary Fund (the "IMF"), world economic growth is expected to be 5.9% in 2021 and 4.4% in 2022.~~

Nevertheless, uncertainties remain as to the strength and sustainability of the recovery, ~~both in terms~~ of the public health situation (e.g., the appearance of new strains of the virus) and the ~~economy (reaction to the containment measures adopted by some Asian countries in the first half of 2022)~~, which could lead to ~~doubts as to the extent and durability of the recovery~~. ~~In this respect, the outlook for 2022 was lowered for both emerging and developing countries, as well as for advanced countries, compared to the IMF projections published in October 2021 a further deterioration of the situation.~~ Various complicating factors will continue to affect the trajectory of economic recovery. International supply chains – which had been strained severely by the pandemic-related mobility restrictions – remain heavily disrupted, generating shortages of certain consumer goods (such as a dearth of semiconductors causing delays in the production of telephones and automobiles) and oil and gas supply and labour market constraints, having both specific (for example, raw materials price increases) and general (inflation rate) effects on prices."; and

(B) limb (a)(i) of the first list appearing on page 46 of the Base Prospectus is amended as follows:

"(i) ~~prolongation~~the consequences of the low interest rate environment of the last few years (even if this is gradually being reversed); and";

(ii) the paragraph under the risk factor entitled "7.5 BNPP could experience business disruption and losses due to climate change risks such as transition risks, physical risks or liability risks." on pages 48 and 49 of the Base Prospectus is amended as follows:

"BNPP is exposed to risks related to climate change, either directly through its own operations or indirectly through its financing and investment activities. There are two main types of risks related to climate change: (i) transition risks, which result from changes in the behaviour of economic and financial actors in response to the implementation of energy policies or technological changes; (ii) physical risks, which result from the direct impact of climate change on people and property through extreme weather events or long-term risks such as rising water levels or increasing temperatures. In addition, liability risks may arise from both categories of risk. They correspond to the damages that a legal entity would have to pay if it were found to be responsible for global warming. BNPP is progressively integrating the assessment of these risks into its risk management system. BNPP monitors these risks in the conduct of its business, in the conduct of its counterparties' business, and in its investments on its own behalf and on behalf of third parties. In this respect, the specific credit policies and the General Credit Policy have been enhanced since 2012 and 2014 respectively, with the addition of relevant clauses in terms of social and environmental responsibility. In addition, ~~sector-specific~~the development of regulatory requirements in this area could lead to an increase in the litigation financial institutions face in connection with climate change and other related issues. BNPP could thus be held liable for failures in the execution of some of its operations, for example in the event of its inadequate assessment of the environmental, social and governance criteria of certain financial products.

Sector-specific policies and policies excluding certain environmental, social and governance ("ESG") sectors from financing have also been put in place. In 2019, as part of the fight against climate change, BNPP made new commitments to reduce its exposure to thermal coal to zero by 2030 in the OECD and by 2040 for the rest of the world.

BNPP is thus taking strong positions, as a founding member of the United Nations Principles for Responsible Banking, which commits it to align its strategy with the Paris Agreement and the SDGs. As part of BNPP's 2022-2025 strategic plan, it aims to mobilize €350 billion in ESG-related loans and bond issuances (loans to companies, institutions and individuals covering environmental and social issues and annual sustainable bonds issuances) and to have €300 billion in sustainable responsible investments under management by 2025 (for example, BNP Paribas Asset Management's open-ended funds distributed in Europe and classified as funds that promote ESG characteristics or funds that have a sustainability objective for the purposes of SFDR). By the end of 2015, BNPP had already significantly strengthened its criteria for financing and investing in the coal sector, and in 2017, it was the first bank to announce the cessation of its financing activities for companies that derive most of their revenues from non-conventional hydrocarbons, measures that remain to date among the most advanced in the sector. These decisions are also reflected in the energy mix that BNPP finances. In 2022, BNPP published its first climate alignment report and its targets for reducing carbon emission intensity by 2025. BNPP also supports its clients, both individuals and businesses, in their transition to a low-carbon economy. BNPP also aims to reduce the environmental footprint of its own operations. Despite the actions taken by BNPP to monitor risks and combat climate change, ~~the physical, transition~~transitional or liability risks related to climate change ~~could disrupt, or any delay or failure to implement BNPP's actions, could have a material adverse effect on BNPP's business or lead to losses~~financial condition, and could result in litigation."; and

- (iii) the second paragraph under the risk factor entitled "*7.6 Changes in certain holdings in credit or financial institutions could have an impact on BNPP's financial position.*" on page 49 of the Base Prospectus is amended as follows:

"The risk-weighted assets carrying a risk-weight of 250% amounted to €18 billion at 31 December 2021, or 2% of the total risk-weighted assets of BNPP. They amounted to €20 billion, representing 3% of BNPP's total risk-weighted assets at 30 June 2022. If BNPP increases the amount of heavy risk-weighted assets (either by increasing the proportion of such heavy risk-weighted assets in its overall asset portfolio or due to an increase of the regulatory risk-weighting applicable to these assets), its capital adequacy ratios may be lowered."

## DOCUMENTS INCORPORATED BY REFERENCE

On 28 June 2022, BNPP filed with the AMF the second *Amendement au Document d'Enregistrement Universel au 31 décembre 2021* in English, which, other than the sections entitled "Person Responsible for the Universal Registration Document" and the "Table of Concordance", is incorporated in, and forms part of, the Base Prospectus by virtue of this First Supplement.

On 29 July 2022, BNPP filed with the AMF the third *Amendement au Document d'Enregistrement Universel au 31 décembre 2021* in English including (i) the half year management report of BNPP and (ii) the unaudited financial information of BNPP as at and for the six-month period ended 30 June 2022 and the review report thereon, which, other than the sections entitled "Person Responsible for the Universal Registration Document" and the "Table of Concordance", is incorporated in, and forms part of, the Base Prospectus by virtue of this First Supplement.

On 4 August 2022, BNPP filed with the AMF the fourth *Amendement au Document d'Enregistrement Universel au 31 décembre 2021* in English, which, other than the sections entitled "Person Responsible for the Universal Registration Document" and the "Table of Concordance", is incorporated in, and forms part of, the Base Prospectus by virtue of this First Supplement.

The "**DOCUMENTS INCORPORATED BY REFERENCE**" section on pages 117 to 133 of the Base Prospectus is amended as follows:

- (a) the word "and" at the end of paragraph (e) is deleted;
- (b) the "," at the end of paragraph (f) is deleted and replaced with ";";
- (c) the following paragraphs (g), (h) and (i) are added under paragraph (f):
  - "(g) the second *Amendement au Document d'Enregistrement Universel au 31 décembre 2021* in English, other than the sections entitled "Person Responsible for the Universal Registration Document" and the "Table of Concordance", with filing number D.22-0156-A02 (the "**Second Amendment to the BNPP 2021 Universal Registration Document (in English)**")";
  - (h) the third *Amendement au Document d'Enregistrement Universel au 31 décembre 2021* in English, other than the sections entitled "Person Responsible for the Universal Registration Document" and the "Table of Concordance", with filing number D.22-0156-A03 (the "**Third Amendment to the BNPP 2021 Universal Registration Document (in English)**")"; and
  - (i) the fourth *Amendement au Document d'Enregistrement Universel au 31 décembre 2021* in English, other than the sections entitled "Person Responsible for the Universal Registration Document" and the "Table of Concordance", with filing number D.22-0156-A04 (the "**Fourth Amendment to the BNPP 2021 Universal Registration Document (in English)**")";
- (d) the table entitled "**BNP PARIBAS**" on pages 128 to 131 of the Base Prospectus is deleted and replaced with the following table:

<b>"BNP PARIBAS"</b>					
<b>Information incorporated by reference</b> <i>Headings as listed by Annex 1 of the Commission Delegated</i>	<b>Page Reference</b>				
	<b>BNPP 2021 Universal Registration Document (in English) -</b>	<b>First Amendment to the BNPP 2021 Universal Registration</b>	<b>Second Amendment to the BNPP 2021 Universal</b>	<b>Third Amendment to the BNPP 2021 Universal</b>	<b>Fourth Amendment to the BNPP 2021 Universal</b>

<i>Regulation (EU) 2019/980</i>	<a href="https://invest.bnpparibas/en/groupe-de-document/universal-registration-document-and-annual-financial-report-2021">https://invest.bnpparibas/en/groupe-de-document/universal-registration-document-and-annual-financial-report-2021</a>	<b>Document (in English) –</b> <a href="https://invest.bnpparibas/en/document/1st-amendment-to-the-2021-universal-registration-document">https://invest.bnpparibas/en/document/1st-amendment-to-the-2021-universal-registration-document</a>	<b>Registration Document (in English) –</b> <a href="https://invest.bnpparibas/en/document/2nd-amendment-to-the-2021-universal-registration-document">https://invest.bnpparibas/en/document/2nd-amendment-to-the-2021-universal-registration-document</a>	<b>Registration Document (in English) –</b> <a href="https://invest.bnpparibas/en/document/3rd-amendment-to-the-2021-universal-registration-document">https://invest.bnpparibas/en/document/3rd-amendment-to-the-2021-universal-registration-document</a>	<b>Registration Document (in English) –</b> <a href="https://invest.bnpparibas/en/document/4th-amendment-to-the-2021-universal-registration-document">https://invest.bnpparibas/en/document/4th-amendment-to-the-2021-universal-registration-document</a>
<b>2. Statutory auditors</b>	686	136	5	236; 241	203
<b>3. Risk factors</b>	309-323	92-108	N/A	217-235	N/A
<b>4. Information about the Issuer</b>	4-6; 695-698	N/A	N/A	N/A	N/A
<b>5. Business overview</b>					
5.1 Principal activities	7-18; 218-221; 670-676	N/A	N/A	3	N/A
5.2 Principal markets	7-18; 218-221; 670-676	N/A	N/A	N/A	N/A
5.3 History and development of the issuer	6	N/A	N/A	N/A	N/A
5.4 Strategy and objectives	157-160; 582-583; 630-640; 650-651	N/A	N/A	N/A	N/A
5.5 Possible dependency	668	N/A	N/A	N/A	N/A
5.6 Basis for any statements made by the issuer regarding its competitive position	7-18; 132-148	N/A	N/A	N/A	N/A
5.7 Investments	267; 570; 628-629; 669	N/A	N/A	N/A	N/A
<b>6. Organisational structure</b>					

6.1	Brief description	4; 650-651	N/A	N/A	3	N/A
6.2	List of significant subsidiaries	281-289; 562-569; 670-675	N/A	N/A	193-216	113-136
<b>7.</b>	<b>Operating and financial review</b>					
7.1	Financial situation	160; 180, 182; 532-533	3-74; 77-78	N/A	4-79	N/A
7.2	Operating results	132-148; 155-156; 163-169; 180; 219; 532	63-74	N/A	67-79	N/A
<b>8.</b>	<b>Capital resources</b>					
8.1	Issuer's capital resources	184-185; 557	57; 78; 80-91	N/A	58-59; 89; 91-92; 178-181	98-101
8.2	Sources and amounts of cash flows	183	N/A	N/A	90	N/A
8.3	Borrowing requirements and funding structure	160; 482-498	18	N/A	16; 24	N/A
<b>9.</b>	<b>Regulatory environment</b>	299; 306-308	N/A	N/A	N/A	N/A
<b>10.</b>	<b>Trend information</b>					
10.1	Main recent trends	157-160; 669	110	N/A	N/A	N/A
10.2	Trends likely to have a material impact on the Issuer's outlook	157-160; 669	110	N/A	N/A	N/A
<b>11.</b>	<b>Profit forecasts or estimates</b>	N/A	N/A	N/A	N/A	N/A
<b>12.</b>	<b>Administrative, management, and supervisory bodies, and senior management</b>					

12.1	Administrative and management bodies	35-50; 114	N/A	N/A	237-239	N/A
12.2	Administrative and management bodies' conflicts of interest	55-56; 70-71; 81-110	N/A	N/A	N/A	N/A
<b>13.</b>	<b>Remuneration and benefits</b>					
13.1	Total amounts set aside or accrued by the Issuer or its subsidiaries to provide pension, retirement or similar benefits	81-110, 257-264; 277	112-132	N/A	N/A	N/A
13.2	Amount of remuneration paid and benefits in kind granted	81-110, 257-264; 277	112-132	N/A	N/A	N/A
<b>14.</b>	<b>Board practices</b>					

14.1	Date of expiry of the current terms of office	35-48	N/A	N/A	237-238	N/A
14.2	Information about members of the administrative bodies' service contracts with the Issuer	N/A	N/A	N/A	N/A	N/A
14.3	Information about the audit committee and remuneration committee	58-66	N/A	N/A	N/A	N/A
14.4	Corporate governance regime in force in the Issuer's country of incorporation	51-58	N/A	N/A	N/A	N/A
14.5	Potential material impacts on the corporate governance	35-48	N/A	N/A	N/A	N/A
<b>15.</b>	<b>Employees</b>					
15.1	Number of employees	4; 614-615; 650; 695	N/A	N/A	3	N/A
15.2	Shareholdings and stock options	81-110; 204-205; 612-613	N/A	N/A	N/A	N/A
15.3	Information about members of the administrative bodies' service contracts with the Issuer	N/A	N/A	N/A	N/A	N/A
<b>16.</b>	<b>Major shareholders</b>					



16.1	Shareholders owning more than 5% of the Issuer's capital or voting rights	19; 20	N/A	N/A	236	N/A
16.2	Existence of different voting rights	19	N/A	N/A	N/A	N/A
16.3	Control of the Issuer	19; 20	N/A	N/A	N/A	N/A
16.4	Description of any arrangements, known to the Issuer, the operation of which may at a subsequent date result in a change of control of the Issuer	20	N/A	N/A	N/A	N/A
<b>17.</b>	<b>Related party transactions</b>	81-110; 278-279; 682-683	N/A	N/A	N/A	N/A
<b>18.</b>	<b>Financial information concerning the Issuer's assets and liabilities, financial position, and profits and losses</b>					

18.1	Historical financial information	5; 23; 132-290; 532-570	63-74; 77; 78	N/A	4-79; 83-216	3-136
18.2	Interim and other financial information	N/A	63-74; 77; 78	N/A	4-79; 83-216	3-136
18.3	Auditing of historical annual financial information	291-296; 571-576	N/A	N/A	N/A	137-138
18.4	Pro forma financial information	N/A	N/A	N/A	N/A	N/A
18.5	Dividend policy	23; 26-27; 133; 158; 160; 560	N/A	N/A	20	N/A
18.6	Legal and arbitration proceedings	266-267	110; 111	N/A	182-183	102-103
18.7	Significant change in the Issuer's financial or trading position	669	110	N/A	240	202
<b>19.</b>	<b>Additional information</b>					
19.1	Share capital	19; 264-266; 551-553; 677; 702	N/A	N/A	178	98
19.2	Memorandum and articles of association	677-682	N/A	N/A	N/A	N/A
<b>20.</b>	<b>Material contracts</b>	668	N/A	N/A	N/A	N/A
<b>21.</b>	<b>Documents on display</b>	668	110	4	239	202"; and

- (e) in the last paragraph on page 133 of the Base Prospectus, the second sentence is deleted and replaced with the following:

"Each of the documents incorporated by reference in (c) to (i) above will only be made available by the relevant Issuer or the Guarantor (if applicable) to which such document relates."

## AMENDMENTS TO THE GENERAL INFORMATION SECTION

The "GENERAL INFORMATION" section on pages 1444 to 1453 of the Base Prospectus is amended as follows:

- (a) the first paragraph under the heading "6. Legal and Arbitration Proceedings" on page 1445 of the Base Prospectus is deleted and replaced with the following:

"Save as disclosed on pages 266 and 267 of the BNPP 2021 Universal Registration Document (in English), pages 111 and 112 of the First Amendment to the BNPP 2021 Universal Registration Document (in English), pages 182 and 183 of the Third Amendment to the BNPP 2021 Universal Registration Document (in English) and pages 102 and 103 of the Fourth Amendment to the BNPP 2021 Universal Registration Document (in English), there have been no governmental, legal or arbitration proceedings (including any such proceedings which are pending or threatened of which BNPP is aware), during the period covering the twelve (12) months prior to the date of this Base Prospectus which may have, or have had in the recent past, significant effects on BNPP's and/or the Group's financial position or profitability.";

- (b) the first paragraph under the heading "7. Significant Change" on page 1445 of the Base Prospectus is deleted and replaced with the following:

"There has been no significant change in the financial performance or position of BNPP or the Group since 30 June 2022 (being the end of the last financial period for which interim financial statements have been published).";

- (c) the table and the notes thereto under the heading "18. Capitalization and Medium and Long Term Debt Indebtedness over one year of BNPP and the BNP Paribas Group" on pages 1450 to 1453 of the Base Prospectus are deleted and replaced with the following:

"The following table<sup>1</sup> sets forth the consolidated capitalization and medium to long term indebtedness (i.e. of which the unexpired term to maturity is more than one year) of the Group as of 30 June 2022 and 31 December 2021 using the Group's prudential scope of consolidation.

The "prudential scope of consolidation", as defined in EU Regulation No. 575/2013 on capital requirements for credit institutions and investment firms is used by the Group in the preparation of its "Pillar 3" disclosure set out in Chapter 5 of the BNPP 2021 Universal Registration Document (in English). It differs from the "accounting scope of consolidation" used by the Group in the preparation of its consolidated financial statements under IFRS as adopted by the European Union. The principal differences between the two scopes of consolidation are summarised in note 1 to the table below.

Except as set forth in this section, there has been no material change in the capitalisation of the Group since 30 June 2022.

For the avoidance of doubt, the figures in the table below are derived from the Group's unaudited consolidated financial statements as of and for the six months ended 30 June 2022 and the Group's audited consolidated financial statements as of and for the year ended 31 December 2021 (which do not include prudential deductions), and are used for the purposes of the Group's prudential capital calculations.

	<u>As of</u> <u>30 June 2022</u>	<u>As of</u> <u>31 December 2021</u>
<i>(in millions of euros)</i>		
<b>Medium- and Long-Term Debt (of which the unexpired term to maturity is more than one year)<sup>2</sup></b>		
<i>Senior preferred debt at fair value through profit or loss</i> .....	38,949	40,555
<i>Senior preferred debt at amortized cost</i> .....	14,686	25,241

<b>Total Senior Preferred Debt</b> .....	53,635	<b>65,796</b>
<i>Senior non preferred debt at fair value through profit or loss</i> .....	3,999	3,933
<i>Senior non preferred debt at amortized cost</i> .....	64,729	62,536
<b>Total Senior Non Preferred Debt</b> .....	68,728	<b>66,469</b>
Redeemable subordinated debt at amortized cost.....	22,746	21,444
Undated subordinated notes at amortized cost <sup>3</sup> .....	515	494
Undated participating subordinated notes at amortized cost <sup>4</sup> .....	225	225
Redeemable subordinated debt at fair value through profit or loss.....	16	25
Perpetual subordinated notes at fair value through profit or loss <sup>5,6</sup> .....	785	906
Preferred shares and equivalent instruments <sup>7</sup> .....	7,853	9,207
<b>Total Subordinated Debt</b> .....	32,140	<b>32,301</b>
Issued capital <sup>8</sup> .....	2,469	2,469
Additional paid-in capital.....	23,672	23,878
Retained earnings.....	79,787	77,587
Unrealized or deferred gains and losses attributable to Shareholders.....	-598	216
<b>Total Shareholders' Equity and Equivalents (net of proposed dividends)</b> .....	<b>105,330</b>	<b>104,150</b>
Minority interests (net of proposed dividends).....	4,330	4,234
<b>Total Capitalization and Medium-to-Long Term Indebtedness</b> .....	<b>264,163</b>	<b>272,950</b>

(1) Prior to 30 September 2018, the Group presented its consolidated capitalization and medium-to-long term indebtedness using the accounting scope of consolidation. Since then, the Group presents its capitalization table using the prudential scope of consolidation. As stated in Section 5.2 of the BNPP 2021 Universal Registration Document (in English), the material differences between the prudential scope of consolidation and the accounting scope of consolidation are the following:

- insurance companies (primarily BNP Paribas Cardif and its subsidiaries) that are fully consolidated under the accounting scope of consolidation are accounted for under the equity method in the prudential scope of consolidation; and
- jointly controlled entities (mainly UCI Group entities and Bpost banque) are accounted for under the equity method in the accounting scope of consolidation and under the proportional consolidation scope in the prudential scope of consolidation.

(2) All medium- and long-term senior preferred debt of BNPP ranks equally with deposits and senior to the category of senior non preferred debt first issued by BNPP in January 2017. The subordinated debt of BNPP is subordinated to all of its senior debt (including both senior preferred and senior non preferred debt). BNPP and its subsidiaries issue medium- to long-term debt on a continuous basis, particularly through private placements in France and abroad.

Euro against foreign currency as at 31 December 2019, CAD = 1.457, GBP = 0.847, CHF = 1.085, HKD = 8.732, JPY = 121.903, USD = 1.122.

Euro against foreign currency as at 31 December 2020, CAD = 1.555, GBP = 0.893, CHF = 1.082, HKD = 9.465, JPY = 126.099, USD = 1.221.

Euro against foreign currency as at 31 December 2021, CAD = 1.439, GBP = 0.841, CHF = 1.038, HKD = 8.875, JPY = 131.009, USD = 1.138.

Euro against foreign currency as at 30 June 2022, CAD = 1.349, GBP = 0.860, CHF = 0.999, HKD = 8.222, JPY = 142.072, USD = 1.048.

- (3) At 30 June 2022, the remaining subordinated debt included €515 million of undated floating-rate subordinated notes ("**TSDIs**").
- (4) Undated participating subordinated notes issued by BNP SA in July 1984 for a total amount of €337 million are redeemable only in the event of the liquidation of BNPP, but may be redeemed in accordance with the terms specified in the French law of 3 January 1983. The number of notes outstanding as at 30 June 2022 was 1,434,092 amounting to approximately €219 million. Payment of interest is obligatory, but the Board of Directors may postpone interest payments if the Ordinary General Meeting of shareholders held to approve the financial statements notes that there is no income available for distribution. Additionally, as at 30 June 2022, there were 28,689 undated participating subordinated notes issued by Fortis Banque France (amounting to approximately €4 million) and 6,773 undated participating subordinated notes issued by Banque de Bretagne (amounting to approximately €2 million) outstanding; both entities have since been merged into BNPP.
- (5) Subordinated debt corresponds to an issue of Convertible And Subordinated Hybrid Equity-linked Securities ("**CASHES**") made by Fortis Bank SA/NV (now acting in Belgium under the commercial name BNP Paribas Fortis) in December 2007, for an initial nominal amount of €3 billion, reduced as of 30 June 2022 to an outstanding nominal amount of €948 million corresponding to a market value of €785 million as of such date. They bear interest at a floating rate equal to three-month EURIBOR plus a margin equal to 2% paid quarterly in arrears. The CASHES are undated but may be exchanged for Ageas (previously Fortis SA/NV) shares at the holder's sole discretion at a price per Ageas share of €239.40. However, as of 19 December 2014, the CASHES are subject to automatic exchange into Ageas shares if the price of Ageas shares is equal to or higher than €359.10 for twenty consecutive trading days. The principal amount will never be redeemed in cash. The rights of CASHES holders are limited to the Ageas shares held by BNP Paribas Fortis and pledged to them.

Ageas and BNP Paribas Fortis have entered into a Relative Performance Note ("**RPN**") contract, the value of which varies contractually so as to offset the impact on BNP Paribas Fortis of the relative difference between changes in the value of the CASHES and changes in the value of the Ageas shares.

On 7 May 2015, BNPP and Ageas reached an agreement which allows BNPP to purchase outstanding CASHES subject to the condition that these are converted into Ageas shares, leading to a proportional settlement of the RPN. The agreement between Ageas and BNPP expired on 31 December 2016 and has not been renewed.

On 24 July 2015, BNPP obtained a prior agreement from the European Central Bank permitting it to purchase outstanding CASHES up to a nominal amount of €200 million. In 2016, BNPP used such agreement to purchase €164 million outstanding CASHES, converted into Ageas shares.

On 8 July 2016, BNPP obtained a new agreement from the European Central Bank which superseded the prior agreement permitting it to purchase outstanding CASHES up to a nominal amount of €200 million. BNPP requested the cancellation of this agreement from the European Central Bank and the European Central Bank approved such cancellation in August 2017.

As at 30 June 2022, the subordinated liability is no longer eligible to Tier 1 capital (considering both the transitional period and the cancellation of the aforementioned agreement).

- (6) Carrying amount of the CASHES, of which the amount eligible in prudential own funds was €0 as of 31 March 2022 and €0 as of 30 June 2022.
- (7) Consists of numerous issuances by BNPP in various currencies (i) over the 2005-2009 period, of undated deeply subordinated non-cumulative notes and (ii) since 2015, of perpetual fixed rate resettable additional tier 1 notes. The details of the debt instruments recognised as capital, as well as their characteristics, as required by Implementing Regulation No. 1423/2013, are available in the BNP Paribas Debt section of BNPP's investor relations website at [www.invest.bnpparibas.com](http://www.invest.bnpparibas.com).

(8) At 30 June 2022, BNPP's share capital stood at €2,468,663,292 divided into 1,234,331,646 shares with a par value of €2 each."; and

(d) the paragraph under the heading "19. Events impacting the solvency of BNPP" on page 1453 of the Base Prospectus is deleted and replaced with the following:

"To the best of BNPP's knowledge, there have not been any recent events which are to a material extent relevant to the evaluation of BNPP's solvency since 30 June 2022.".

## **RESPONSIBILITY STATEMENT**

I hereby certify on behalf of BNPP and BNPP B.V. that, to the best of my knowledge, the information contained in this First Supplement is in accordance with the facts and contains no omission likely to affect its import.

BNP Paribas  
16 boulevard des Italiens  
75009 Paris  
France

Represented by Alain Papiasse  
in his capacity as Chairman of Corporate and Institutional Banking

Dated 11 August 2022



This First Supplement has been approved by the AMF, in its capacity as competent authority under Regulation (EU) 2017/1129. The AMF has approved this First Supplement after having verified that the information it contains is complete, coherent and comprehensible within the meaning of Regulation (EU) 2017/1129.

This approval is not a favourable opinion on the Issuers (or the Guarantor, if applicable) or on the quality of the Securities described in the Base Prospectus (as amended by this First Supplement). Investors should make their own assessment of the opportunity to invest in such Securities.

This First Supplement has been approved on 11 August 2022. This First Supplement obtained the following approval number: n°22-347.



**Second Supplement dated 16 September 2022**  
**to the Base Prospectus for the issue of Certificates dated 1 June 2022**



**BNP Paribas Issuance B.V.**

*(incorporated in The Netherlands)*  
*(as Issuer)*

**BNP Paribas**

*(incorporated in France)*  
*(as Issuer and Guarantor)*

**Note, Warrant and Certificate Programme**

This second supplement (the "**Second Supplement**") is supplemental to, and should be read in conjunction with, the base prospectus dated 1 June 2022 (the "**Base Prospectus**") and the first supplement to the Base Prospectus dated 11 August 2022 (the "**First Supplement**"), in each case in respect of Certificates issued under the Note, Warrant and Certificate Programme (the "**Programme**") of BNP Paribas Issuance B.V. ("**BNPP B.V.**"), BNP Paribas ("**BNPP**") and BNP Paribas Fortis Funding.

The Base Prospectus and the First Supplement constitute a base prospectus for the purposes of Article 8 of the Prospectus Regulation. "**Prospectus Regulation**" means Regulation (EU) 2017/1129 of 14 June 2017. The Base Prospectus received approval no. 22-189 on 1 June 2022 and the First Supplement received approval no. 22-347 on 11 August 2022 from the *Autorité des marchés financiers* (the "**AMF**"). Application has been made to the AMF for approval of this Second Supplement in its capacity as competent authority under the Prospectus Regulation.

Unless the context otherwise requires, terms defined in the Base Prospectus, as amended by the First Supplement, shall have the same meanings when used in this Second Supplement.

To the extent that there is any inconsistency between (i) any statement in this Second Supplement and (ii) any statement in, or incorporated by reference in, the Base Prospectus the statement referred to in (i) above will prevail.

References in this Second Supplement to paragraphs of the Base Prospectus are to the Base Prospectus as amended by the First Supplement. References in this Second Supplement to page numbers in the Base Prospectus are to the page numbers in the Base Prospectus without taking into account any amendments made in the First Supplement.

Copies of this Second Supplement will be available on the website of BNP Paribas (<https://rates-globalmarkets.bnpparibas.com/gm/Public/LegalDocs.aspx>) and on the website of the AMF ([www.amf-france.org](http://www.amf-france.org)).

This Second Supplement has been prepared in accordance with Article 23 of the Prospectus Regulation for the purposes of giving information which amends or is additional to the information already contained in the Base Prospectus.

This Second Supplement has been prepared for the purposes of:

- (A) amending the "Risks" section;
- (B) amending the "Investment Considerations" section; and
- (C) amending the "Use of Proceeds" section.

The amendments referred to in (A), (B) and (C) above have been made to include disclosure on the BNP Paribas Social Bond Framework.

**In accordance with Article 23(2a) of the Prospectus Regulation, in the case of an offer of Securities to the public, investors who have already agreed to purchase or subscribe for Securities issued under the Programme before this Second Supplement is published and which are affected by the amendments made in this Second Supplement, have the right, exercisable before the end of the period of three working days beginning with the working day after the date of publication of this Second Supplement to withdraw their acceptances. This right to withdraw shall expire by close of business on 22 September 2022. Investors can exercise their right to withdraw their acceptances by contacting the person from whom any such investor has agreed to purchase or subscribe for such Securities before the above deadline.**

## TABLE OF CONTENTS

### Page

Amendments to the Risks Section.....	4
Amendments to the Investment Considerations Section .....	5
Amendments to the Use of Proceeds Section.....	7
Responsibility Statement.....	8

## AMENDMENTS TO THE RISKS SECTION

The "**RISKS**" section on pages 28 to 91 of the Base Prospectus is amended as follows:

- (a) the following risk factor is inserted following the risk factor entitled "*If proceeds of Green Bonds are not applied, are not certificated or listed as expected the Securities may be adversely affected*" under the risk category entitled "**Legal Risks**" under the heading "**Risk Factors Relating to Securities**" on page 81 of the Base Prospectus:

*"If proceeds of Social Bonds are not applied, are not certificated or listed as expected the Securities may be adversely affected*

The applicable Final Terms may provide that it will be the relevant Issuer's intention to apply the proceeds of issuance of the relevant Series of Securities to Eligible Social Assets, as defined in and further described in the BNP Paribas Social Bond Framework, as may be updated, amended and supplemented from time to time (the "**Social Bond Framework**"), which is available on the following website: <https://invest.bnpparibas/en/document/social-bond-framework-12-september-2022>. The term "**Social Bonds**" as used in this risk factor means any Securities to be issued in accordance with the Social Bond Framework.

Any:

- (i) failure to apply the proceeds of any issue of Social Bonds to any Eligible Social Assets;
- (ii) withdrawal of any opinion or certification or any opinion or certification being superseded by an opinion or certification stating that the relevant Issuer has not complied, in whole or in part, with any matters on which the original opinion or certification had opined or certified; and/or
- (iii) event or circumstances resulting in the Social Bonds no longer being listed or admitted to trading on any stock exchange or securities market,

may have a material adverse effect on the value of Social Bonds and the value of any other securities which are intended to finance Eligible Social Assets and could also result in adverse consequences for certain investors with portfolio mandates to invest in securities to be used for a particular purpose."

## AMENDMENTS TO THE INVESTMENT CONSIDERATIONS SECTION

The "**INVESTMENT CONSIDERATIONS**" section on pages 92 to 111 of the Base Prospectus is amended by the insertion of the following investment consideration above the sub-heading "*Additional information in respect of Constant Leverage Securities*" on page 97 of the Base Prospectus under the heading "**3. Investment considerations associated with Securities with specific features**":

*"Additional information in respect of Securities that are issued as Social Bonds*

No assurance is given by the relevant Issuer that the use of the proceeds of any issue of Securities for any Eligible Social Assets will satisfy, whether in whole or in part, any present or future investor expectations or requirements as regards any investment criteria or guidelines with which such investor or its investments are required to comply, whether by any present or future applicable law or regulations or by its own by-laws, investment policy or other governing rules or investment portfolio mandates, in particular with regard to any direct or indirect sustainability or social impact of any projects or uses, the subject of or related to, any Eligible Social Assets.

Furthermore, it should be noted that there is currently no clear definition (legal, regulatory or otherwise) of, nor market consensus as to what constitutes, a "Social", "sustainable" or an equivalently-labelled project or as to what precise attributes are required for a particular project to be considered "Social" or "sustainable" or falling under such other equivalent label, nor can any assurance be given that such a clear definition or consensus will develop over time.

Environmental and social aspects are part of the EU's sustainable finance strategy and are based on a wide recognition that there is a need for social investments to both: (i) achieve the sustainable development goals ("**SDGs**") of the UN's 2030 agenda; and (ii) create the social internal market set out in the Treaty on the European Union (Article 3). In this context, initiatives have been taken, including by the European Commission (the "**EC**"), to define a "taxonomy" for social bonds (i.e. a systematic classification and definition of qualifying items). A permanent expert group of the EC, called "Platform on Sustainable Finance", has been established under Article 20 of Regulation (EU) 2020/852 of the European Parliament and of the Council of 18 June 2020 on the establishment of a framework to facilitate sustainable investment (the "**Taxonomy Regulation**") and assists the EC in developing its sustainable finance policies, notably the further development of the EU taxonomy. In this regard, it should be noted that in February 2022, the Platform on Sustainable Finance published its Final Report on Social Taxonomy which sets up a classification system for environmentally sustainable economic activities. Such report does not constitute an official EC document nor an official EC position.

Accordingly, no assurance is or can be given to investors that any projects or uses which are the subject of, or related to, any Eligible Social Assets will meet any or all investor expectations regarding such "Social", "sustainable" or other equivalently-labelled performance objectives or that any adverse environmental, social and/or other impacts will not occur during the implementation of any projects or uses, which are the subject of, or related to, any Eligible Social Assets.

No assurance or representation is given by the relevant Issuer as to the suitability or reliability for any purpose whatsoever of any opinion or certification of any third parties (whether or not solicited by (or on behalf of) the relevant Issuer) which may be made available in connection with the issue and offering of any Social Bonds and, in particular, the extent to which Eligible Social Assets may fulfil any sustainability, social and/or other criteria. For the avoidance of doubt, any such opinion or certification is not, and shall not be deemed to be, incorporated in and/or form part of the Social Bond Framework. Any such opinion or certification is not, and should not be deemed to be, a recommendation by the relevant Issuer or its affiliates or any other person to buy, sell or hold any Social Bonds. Any such opinion or certification is only current as of the date that opinion was initially issued. Prospective investors must determine for themselves the relevance of any such opinion or certification and/or the information contained therein and/or the provider of such opinion or certification for the purpose of any investment in such Social Bonds. Currently, the providers of such opinions and certifications are not subject to any specific regulatory or other regime or oversight.

In the event that any Social Bonds are listed or admitted to trading on any dedicated "Social", "sustainable" or other similarly labelled segment of any stock exchange or securities market (whether or not a regulated market for the purpose of the Markets in Financial Instruments Directive 2014/65/EU), or are included in any dedicated "Social", "sustainable" or other equivalently-labelled index, no representation or assurance is given by the relevant Issuer or any other person that such listing or admission to trading, or inclusion in such index, satisfies, whether in whole or in part, any present or future investor expectations or requirements as regards any investment criteria or guidelines with which such investor or its investments are required to comply, whether by any present or future applicable laws or regulations or by its own by-laws or other governing rules or investment portfolio mandates, in particular with regard to any direct or indirect environmental, sustainability or social impact of any projects or uses, the subject of or related to, any sustainable projects. Furthermore, it should be noted that the criteria for any such listing or admission to trading may vary from one stock exchange or securities market to another and that the criteria for inclusion in such index may vary from one index to another. No representation or assurance given or made by the relevant Issuer or any other person that any such listing or admission to trading, or inclusion in any such index, will be obtained in respect of Social Bonds or, if obtained, that any such listing or admission to trading, or inclusion in such index, will be maintained during the life of the Social Bonds. Additionally, no representation or assurance is given by the relevant Issuer or any other person as to the suitability of the Social Bonds to fulfil social and sustainability criteria required by prospective investors. The relevant Issuer is not responsible for any third party assessment of the Social Bonds.

While it is the intention of the relevant Issuer to apply the proceeds of any Social Bonds to Eligible Social Assets in, or substantially in, the manner described in the applicable Final Terms and in the Social Bond Framework, there can be no assurance that the relevant project(s) or use(s) which are the subject of, or related to, any Eligible Social Assets will be capable of being implemented in or substantially in such manner and/or in accordance with any timing schedule and that accordingly there can be no assurance that such proceeds will be totally or partially disbursed for such Eligible Social Assets. There can be no assurance that such Eligible Social Assets will be completed within any specified period or at all or with the results or outcome (whether or not related to social, sustainability and/or other aspects) as originally expected or anticipated by the relevant Issuer. Any such event or failure by the relevant Issuer to apply the proceeds as intended will not constitute an event of default (however defined) under the Social Bonds.

For the avoidance of doubt, the relevant Final Terms of Social Bonds will provide the relevant details such as references to the applicable framework and methodology note (defining, *inter alia*, the selection criteria for Eligible Social Assets) under which such Social Bonds are issued. The Final Terms may direct Holders to a relevant section of the BNPP website to provide such information."

## AMENDMENTS TO THE USE OF PROCEEDS SECTION

The paragraphs under the "**USE OF PROCEEDS**" section on page 1318 of the Base Prospectus are deleted and replaced with the following:

"Unless otherwise specified in the applicable Final Terms, the net proceeds from each issue of Securities by BNPP B.V. (other than Notional Value Repack Securities) or BNPP will become part of the general funds of BNPP B.V. or BNPP, as the case may be. Such proceeds may be used to maintain positions in options or futures contracts or other hedging instruments.

The net proceeds from the issue of the Notional Value Repack Securities will be used by BNPP B.V. to enter into and/or make payments under the Swap Agreement or other hedging instruments.

The applicable Final Terms may provide that the relevant Issuer intends to apply the net proceeds from each issue of Securities to Eligible Green Assets, as further defined in the BNP Paribas green bond framework, as may be updated, amended and supplemented from time to time (the "**Green Bond Framework**"), which is available on the following website: <https://invest.bnpparibas/en/document/green-bond-framework-october-2021> (or such other website specified in the applicable Final Terms). For this purpose, the term "**Green Bonds**" means any Securities issued in accordance with the Green Bond Framework.

In relation to Green Bonds, the Green Bond Framework is in line with the Green Bond Principles published by the International Capital Markets Association (as they may be further updated).

The Green Bond Framework, Second Party Opinion and Independent Assurance Review report are available on BNP Paribas' Investors' website: <https://invest.bnpparibas/en/search/debt/documents/documentation-on-programs-and-issues>.

The applicable Final Terms may provide that such Securities shall constitute Social Bonds. In such case, it will be the relevant Issuer's intention to apply the net proceeds of the relevant Series of Securities to Eligible Social Assets, as further defined in the BNP Paribas social bond framework, as may be updated, amended and supplemented from time to time (the "**Social Bond Framework**"), which is available on the following website: <https://invest.bnpparibas/en/document/social-bond-framework-12-september-2022> (or such other website specified in the applicable Final Terms). The applicable Final Terms will also include details of the relevant Social Bond Framework. For this purpose, the term "**Social Bonds**" means any Securities issued in accordance with the Social Bond Framework.

In relation to Social Bonds, the Social Bond Framework is in line with the Social Bond Principles published by the International Capital Markets Association (as they may be further updated).

The Social Bond Framework, Second Party Opinion and Independent Assurance Review report are available on BNP Paribas' Investors' website: <https://invest.bnpparibas/en/search/debt/documents>."

## **RESPONSIBILITY STATEMENT**

I hereby certify on behalf of BNPP and BNPP B.V. that, to the best of my knowledge, the information contained in this Second Supplement is in accordance with the facts and contains no omission likely to affect its import.

BNP Paribas  
16 boulevard des Italiens  
75009 Paris  
France

Represented by Lars Machenil  
in his capacity as Chief Financial Officer

A handwritten signature in black ink, appearing to read 'Lars Machenil', is written over a horizontal line.

Dated 16 September 2022





This Second Supplement has been approved by the AMF, in its capacity as competent authority under Regulation (EU) 2017/1129. The AMF has approved this Second Supplement after having verified that the information it contains is complete, coherent and comprehensible within the meaning of Regulation (EU) 2017/1129.

This approval is not a favourable opinion on the Issuers (or the Guarantor, if applicable) or on the quality of the Securities described in the Base Prospectus (as amended by the First Supplement and this Second Supplement). Investors should make their own assessment of the opportunity to invest in such Securities.

This Second Supplement has been approved on 16 September 2022. This Second Supplement obtained the following approval number: n°22-382.

**Third Supplement dated 17 November 2022**  
**to the Base Prospectus for the issue of Certificates dated 1 June 2022**



**BNP Paribas Issuance B.V.**

*(incorporated in The Netherlands)*

*(as Issuer)*

**BNP Paribas**

*(incorporated in France)*

*(as Issuer and Guarantor)*

**Note, Warrant and Certificate Programme**

This third supplement (the "**Third Supplement**") is supplemental to, and should be read in conjunction with, the base prospectus dated 1 June 2022 (the "**Base Prospectus**"), the first supplement to the Base Prospectus dated 11 August 2022 (the "**First Supplement**") and the second supplement to the Base Prospectus dated 16 September 2022 (the "**Second Supplement**" and, together with the First Supplement, the "**Previous Supplements**"), in each case in respect of Certificates issued under the Note, Warrant and Certificate Programme (the "**Programme**") of BNP Paribas Issuance B.V. ("**BNPP B.V.**"), BNP Paribas ("**BNPP**") and BNP Paribas Fortis Funding.

The Base Prospectus and the Previous Supplements constitute a base prospectus for the purposes of Article 8 of the Prospectus Regulation. "**Prospectus Regulation**" means Regulation (EU) 2017/1129 of 14 June 2017. The Base Prospectus received approval no. 22-189 on 1 June 2022, the First Supplement received approval no. 22-347 on 11 August 2022 and the Second Supplement received approval no. 22-382 on 16 September 2022 from the *Autorité des marchés financiers* (the "**AMF**"). Application has been made to the AMF for approval of this Third Supplement in its capacity as competent authority under the Prospectus Regulation.

BNPP (in respect of itself and BNPP B.V.) and BNPP B.V. (in respect of itself) accept responsibility for the information contained in this Third Supplement, save that BNPP B.V. accepts no responsibility for the Fifth Amendment to the BNPP 2021 Universal Registration Document (in English) or the Sixth Amendment to the BNPP 2021 Universal Registration Document (in English) (each as defined below) and the updated disclosure in respect of BNPP. To the best of the knowledge of BNPP and BNPP B.V. (who have taken all reasonable care to ensure that such is the case), the information contained herein is, subject as provided in the preceding sentence, in accordance with the facts and does not omit anything likely to affect the import of such information.

Unless the context otherwise requires, terms defined in the Base Prospectus, as amended by the Previous Supplements, shall have the same meanings when used in this Third Supplement.

To the extent that there is any inconsistency between (i) any statement in this Third Supplement and (ii) any statement in, or incorporated by reference in, the Base Prospectus, as amended by the Previous Supplements, the statement referred to in (i) above will prevail.

References in this Third Supplement to paragraphs of the Base Prospectus are to the Base Prospectus as amended by the Previous Supplements. References in this Third Supplement to page numbers in the Base Prospectus are to the page numbers in the Base Prospectus without taking into account any amendments made in the Previous Supplements.

Copies of this Third Supplement will be available on the website of BNP Paribas (<https://rates-globalmarkets.bnpparibas.com/gm/Public/LegalDocs.aspx>) and on the website of the AMF ([www.amf-france.org](http://www.amf-france.org)).

This Third Supplement has been prepared in accordance with Article 23 of the Prospectus Regulation for the purposes of giving information, which amends or is additional to the information already contained in the Base Prospectus, as amended by the Previous Supplements.

This Third Supplement has been prepared for the purposes of:

- (A) amending the "Risks" section;
- (B) incorporating by reference:
  - (i) the fifth *Amendement au Document d'Enregistrement Universel au 31 décembre 2021* in English dated 27 September 2022 (the "**Fifth Amendment to the BNPP 2021 Universal Registration Document (in English)**")"; and
  - (ii) the sixth *Amendement au Document d'Enregistrement Universel au 31 décembre 2021* in English dated 3 November 2022 (the "**Sixth Amendment to the BNPP 2021 Universal Registration Document (in English)**")";
- (C) amending "Annex 12 – Additional Terms and Conditions for Credit Securities"; and
- (D) amending the "General Information" section.

The incorporation by reference of the documents referred to in (B) above has been made to update the disclosure for BNPP. The amendments referred to in (A) and (D) above have been made to reflect the updated BNPP disclosure referred to in (B) above. The amendment referred to in (C) above has been made to correct the period during which a Valuation Date could occur in respect of Credit Securities.

**In accordance with Article 23(2a) of the Prospectus Regulation, in the case of an offer of Securities to the public, investors who have already agreed to purchase or subscribe for Securities issued under the Programme before this Third Supplement is published and which are affected by the amendments made in this Third Supplement, have the right, exercisable before the end of the period of three working days beginning with the working day after the date of publication of this Third Supplement to withdraw their acceptances. This right to withdraw shall expire by close of business on 23 November 2022. Investors can exercise their right to withdraw their acceptances by contacting the person from whom any such investor has agreed to purchase or subscribe for such Securities before the above deadline.**

## TABLE OF CONTENTS

### Page

Amendments to the Risks Section.....	4
Documents Incorporated by Reference .....	10
Amendments to Annex 12 – Additional Terms and Conditions for Credit Securities .....	21
Amendments to the General Information Section .....	22
Responsibility Statement .....	26

## AMENDMENTS TO THE RISKS SECTION

*In relation to the amendments to the "Risks" section of the Base Prospectus set out under paragraphs (c) to (i) of this section (other than paragraph (g)(i)), (i) text which, by virtue of this Second Supplement is added thereto is shown underlined and (ii) text which, by virtue of this Second Supplement is deleted therefrom is shown with a line drawn through the middle of the deleted text.*

The "**RISKS**" section on pages 28 to 91 of the Base Prospectus is amended as follows:

- (a) the paragraph under the heading "**Risks Relating to BNPP and its Industry**" on page 28 of the Base Prospectus (which was amended by virtue of the First Supplement) is deleted and replaced with the following:

"See "Risk Factors" under Chapter 5 on pages 309 to 323 of the BNPP 2021 Universal Registration Document (in English), pages 92 to 108 of the First Amendment to the BNPP 2021 Universal Registration Document (in English), pages 217 to 235 of the Third Amendment to the BNPP 2021 Universal Registration Document (in English) and pages 96 to 116 of the Sixth Amendment to the BNPP 2021 Universal Registration Document (in English) (each as defined below), each of which is incorporated by reference in this document.";

- (b) the table under the heading "**Risk Factors**" on page 28 of the Base Prospectus (which was amended by virtue of the First Supplement) is deleted and replaced with the following:

<i>"Risk weighted assets in billions of euros"</i>	<b>30.09.22</b>	<b>31.12.21</b>	<b>31.12.20</b>
Credit risk	591	554	527
Counterparty credit risk	52	40	41
Securitisation risk in the banking book	15	14	14
Operational risk	61	63	71
Market risk	27	25	25
Amounts below the thresholds for deduction (subject to 250% risk weight)	20	18	17
<b>Total</b>	<b>766</b>	<b>714</b>	<b>696</b> ";

- (c) the paragraphs under the heading "**1. Credit risk, counterparty risk and securitisation risk in the banking book**" on pages 29 to 31 of the Base Prospectus (which were amended by virtue of the First Supplement) are amended as follows:

- (i) the last sentence of the first paragraph under the heading "**1. Credit risk, counterparty risk and securitisation risk in the banking book**" on page 29 of the Base Prospectus is amended as follows:

"BNPP's risk-weighted assets subject to this type of risk amounted to €554 billion at 31 December 2021, or 78% of the total risk-weighted assets of BNPP, compared to €527 billion at 31 December 2020 and ~~€581.591~~ billion at 30 ~~June~~September 2022, or 77% of the total risk-weighted assets of BNPP.";

- (ii) the last sentence of the second paragraph under the heading "**1. Credit risk, counterparty risk and securitisation risk in the banking book**" on page 29 of the Base Prospectus is amended as follows:

"The risk-weighted assets subject to counterparty credit risk amounted to €40 billion at 31 December 2021, representing 6% of BNPP's total risk-weighted assets, compared to €41

billion at 31 December 2020 and €~~48~~52 billion at 30 ~~June~~September 2022, or ~~67~~% of the total risk-weighted assets of BNPP."; and

- (iii) the last sentence of the third paragraph under the heading "**1. Credit risk, counterparty risk and securitisation risk in the banking book**" on page 29 of the Base Prospectus is amended as follows:

"The risk-weighted assets subject to this type of risk amounted to €14 billion at 31 December 2021, representing 2% of BNPP's total risk-weighted assets, unchanged compared to 31 December 2020 and €~~46~~15 billion at 30 ~~June~~September 2022, or 2% of the total risk-weighted assets of BNPP.";

- (d) the risk factor entitled "*1.1 A substantial increase in new provisions or a shortfall in the level of previously recorded provisions exposed to credit risk and counterparty risk could adversely affect BNPP's results of operations and financial condition.*" under the heading "**1. Credit risk, counterparty risk and securitisation risk in the banking book**" on pages 29 and 30 of the Base Prospectus is amended as follows:

- (i) the second paragraph thereunder on page 29 of the Base Prospectus (which was amended by virtue of the First Supplement) is amended as follows:

"As a result, in connection with its lending activities, BNPP regularly establishes provisions, which are recorded on its income statement in the line item Cost of Risk. These provisions amounted to €2.925 billion at 31 December 2021, representing 34 basis points of outstanding customer loans (compared with 66 basis points at 31 December 2020 and 39 basis points at 31 December 2019). These provisions amounted to €2.192 billion at 30 September 2022, representing 31 basis points of outstanding customer loans (compared with 37 basis points at 30 September 2021). The significant increase in these provisions in 2020 reflects the economic consequences of the health crisis and is an example of the materialisation of this risk, while their decrease in 2021 is explained by a high base in 2020, a limited number of defaults and write-backs of provisions on performing loans. In the first ~~half~~nine months of 2022, the cost of risk was impacted by a €~~51~~710 million provision for ex-ante expected losses (levels 1 and 2) related to the indirect effects of the invasion of Ukraine and the rise in inflation and interest rates, partially offset by a write-back of provisions related to the health crisis of €187 million.";

- (ii) the penultimate paragraph thereunder on page 30 of the Base Prospectus is amended as follows:

"For reference, at 31 December 2021, the ratio of doubtful loans to total loans outstanding was 2.0% and the coverage ratio of these doubtful commitments (net of guarantees received) by provisions was 73.6%, against 2.1% and 71.5%, respectively, as at 31 December 2020. At 30 September 2022, the ratio of doubtful loans to total loans outstanding was 1.7% and the coverage ratio of these doubtful commitments (net of guarantees received) by provisions was 73.1%. These two ratios are defined in Chapter 5.1 (*Key figures*) of the BNPP 2021 Universal Registration Document (in English).";

- (e) the last paragraph under the heading "**2. Operational Risk**" on page 31 of the Base Prospectus (which was amended by virtue of the First Supplement) is amended as follows:

"The risk-weighted assets subject to this type of risk amounted to €63 billion at 31 December 2021, representing 9% of BNPP's total risk-weighted assets, compared to €71 billion at 31 December 2020 and €~~62~~61 billion at 30 ~~June~~September 2022, or 8% of the total risk-weighted assets of BNPP.";

- (f) the last two paragraphs under the heading "**3. Market risk**" on page 33 of the Base Prospectus (the second of which was amended by virtue of the First Supplement) are amended as follows:

"If BNPP's hedging strategies prove ineffective or provide only a partial hedge, BNPP could incur losses. BNPP Paribas' market risk based on its activities is measured by Value at Risk ("**VaR**"), and various other market indicators (stressed VaR, Incremental Risk Charge, Comprehensive Risk Measure for credit correlation portfolio) as well as by stress tests and sensitivity analysis compared with market limits.

The risk-weighted assets subject to this type of risk amounted to €25 billion at 31 December 2021, representing 3% of BNPP's total risk-weighted assets, compared to €25 billion, representing 4% of BNPP's total risk-weighted assets, at 31 December 2020 and ~~€2927~~ billion at 30 ~~June~~September 2022, ~~or 4~~representing 3% of the total risk-weighted assets of BNPP.";

- (g) the risk factors under the heading "**4. Liquidity and funding risk**" on pages 35 and 36 of the Base Prospectus (which were amended by virtue of the First Supplement) are amended as follows:

- (i) the paragraph under the heading "**4. Liquidity and funding risk**" on page 35 of the Base Prospectus is deleted; and

- (ii) the first paragraph under the risk factor entitled "*4.3 Any downgrade of BNPP's credit ratings could weigh heavily on the profitability of BNPP.*" on page 36 of the Base Prospectus (which was amended by virtue of the First Supplement) is amended as follows:

"Credit ratings have a significant impact on BNPP's liquidity. On ~~25 April~~24 June 2022~~1~~, Standard & Poor's confirmed the long-term rating of BNPP's deposits and senior preferred debt rating as A+, confirmed its short-term rating as A-1 and ~~maintained~~revised the outlook ~~from negative to as~~ stable. On ~~23~~13 September ~~2021~~2022, Fitch maintained its long-term deposits and senior preferred debt ratings for BNPP at AA- and its short-term deposits and senior preferred debt rating for BNPP at F1+ and ~~maintained~~revised ~~the~~its outlook ~~as~~to stable. On 5 July 2022, Moody's confirmed its long-term deposits and senior preferred debt rating as Aa3, and confirmed its short-term rating as P-1, with a stable outlook. On 28 June 2022, DBRS confirmed BNPP's senior preferred debt rating as AA (low), as well as its short-term rating as R-1 (middle) with a stable outlook. A downgrade in BNPP's credit rating could affect the liquidity and competitive position of BNPP. It could also increase BNPP's borrowing costs, limit access to the capital markets or trigger additional obligations under its covered bonds or under certain bilateral provisions in some trading, derivative or collateralised financing contacts.";

- (h) the risk factors under the heading "**5. Risks related to the macroeconomic and market environment**" on pages 36 to 40 of the Base Prospectus (which were amended by virtue of the First Supplement) are amended as follows:

- (i) the paragraphs under the risk factor entitled "*5.1 Adverse economic and financial conditions have in the past had and may in the future have an impact on BNPP and the markets in which it operates.*" on pages 36 to 38 of the Base Prospectus are amended as follows:

"BNPP's business is sensitive to changes in the financial markets and more generally to economic conditions in France (32% of BNPP's revenues at 31 December 2021), other countries in Europe (45% of BNPP's revenues at 31 December 2021) and the rest of the world (23% of BNPP's revenues at 31 December 2021, including 5% related to activities of Bank of the West in the United States). A deterioration in economic conditions in the markets in the countries where BNPP operates and in the economic environment could in the future have, some or all of the following impacts:



- Adverse economic conditions affecting the business and operations of BNPP's customers, reducing credit demand and trading volume and resulting in an increased rate of default on loans and other receivables, in part as a result of the deterioration of the financial capacity of companies and households;
- A decline in market prices of bonds, equities and commodities affecting the businesses of BNPP, including in particular trading, investment banking and asset management revenues;
- Macroeconomic policies adopted in response to actual or anticipated economic conditions having unintended effects, and are likely to impact market parameters such as interest rates and foreign exchange rates, which in turn can affect BNPP's businesses that are most exposed to market risk;
- Perceived favourable economic conditions generally or in specific business sectors resulting in asset price bubbles and the subsequent corrections when conditions become less favourable;
- A significant economic disruption (such as the global financial crisis of 2008, the European sovereign debt crisis of 2011, the recession caused since 2020 by COVID-19 or high inflation and rising interest rates as well as geopolitical shocks (such as, the invasion of Ukraine in 2022)) having a substantial impact on all of BNPP's activities, particularly if the disruption is characterised by an absence of market liquidity that makes it difficult to sell certain categories of assets at their estimated market value or at all. These disruptions could also lead to a decline in transaction commissions and consumer loans; and
- A significant deterioration of market and economic conditions resulting from, among other things, adverse political and geopolitical events such as natural disasters, geopolitical tensions, health risks such as the coronavirus pandemic and its aftermath, the fear or recurrence of new epidemics or pandemics, acts of terrorism, societal unrest, cyber-attacks, military conflicts or threats thereof and related risks (in particular, the ongoing war in Ukraine ~~and~~, related economic sanctions and the consequential impact on energy markets affecting Europe in particular), may affect the operating environment for BNPP episodically or for extended periods.

Since 2020, economies and financial markets have continued to be particularly sensitive to a number of factors, including the evolution of the coronavirus pandemic and its economic consequences, in particular, the increase in sovereign and corporate debt that pre-dated the health crisis and has been aggravated by it, as well as the strength and staying power of the economic recovery following the crisis' peak, which is itself dependent on a number of factors (see risk factor 7.1, "*Epidemics and pandemics, including the ongoing coronavirus (COVID-19) pandemic and their economic consequences may adversely affect the Group's business, operations, results and financial condition*" below).

In addition, from early 2022, numerous factors ~~are currently affecting~~ have affected and may ~~continue to increasingly~~ affect the economy and the financial markets ~~in the coming months or years~~, in particular geopolitical tensions or shocks (notably in Eastern Europe, and in particular, the invasion of Ukraine, as discussed below), political risks directly affecting Europe, general trends in consumer and commodity prices characterised by very high inflation, corresponding trends in wages, tensions over energy supplies, supply chain pressures, the changing worldwide economic situation ~~in certain countries or regions that contribute to impacting~~ overall global economic growth, tensions around international trade, currency movements (including U.S. dollar appreciation) and, as discussed below, the evolution of monetary policy and interest rates (these elements themselves being affected by the above-mentioned factors).

In particular, the invasion of Ukraine, as well as the reaction of the international community, have been, continue to be, and could ~~continue to be~~ remain a source of instability for



BNPP global markets, depressing stock market indices, inflating commodity prices (notably electricity, oil, gas and agricultural products, such as wheat), aggravating supply chain disruption and causing an increase in production costs and inflation more generally. These events have had, and are expected to continue to have, economic and financial repercussions that will increase inflation and decrease global growth and BNPP and its clients could be adversely affected as a result.

The International Monetary Fund (the "IMF") stated in October 2022 that world growth and Eurozone growth should be 3.2% and 3.1%, respectively, in 2022 and 2.7% and 0.5%, respectively, in 2023. The IMF also stated that global inflation is predicted to rise from 4.7% in 2021 to 8.8% in 2022, but to decline to 6.5% in 2023 and to 4.1% by 2024.

More generally, the volatility of financial markets could adversely affect BNPP's trading and investment positions in the debt, currency, commodity and equity markets, as well as its positions in other investments. For reference, Global Markets accounted for 14.8% of BNPP's revenues in 2021. Severe market disruptions and extreme market volatility have occurred often in recent years ~~and may occur again in the future (including to date in 2022) and may persist or resurface~~, which could result in significant losses for BNPP. Such losses may extend to a broad range of trading and hedging products, including swaps, forward and future contracts, options and structured products. The volatility of financial markets makes it difficult to predict trends and implement effective trading strategies.

It is difficult to predict economic or market declines or other market disruptions, and which markets will be most significantly impacted. If economic or market conditions in France or elsewhere in Europe, or global markets more generally, continue to deteriorate or become increasingly volatile, BNPP's operations could be disrupted, and its business, results of operations and financial condition could be materially and adversely affected."; and

- (ii) the second, third and fourth paragraphs under the risk factor entitled "5.2 Significant interest rate changes could adversely affect BNPP's revenues or profitability. There are risks associated with exiting or remaining in a prolonged low interest rate environment." on pages 38 and 39 of the Base Prospectus are amended as follows:

"After a long period of low interest rates (in France, Europe and globally) which intensified during the initial phases of the ~~coronavirus~~ COVID-19 pandemic – due, in particular, to ~~the~~ very accommodating central bank monetary policies – ~~the central banks have been tightening monetary policy since the beginning of 2022~~, faced with the emergence of stronger and more lasting inflation than initially expected, have been tightening monetary policy since the beginning of 2022, leading ~~in turn~~ to a rapid and significant rise in market interest rates. For example, ~~on 15 June 2022~~, the US Federal Reserve ~~stated that it~~ raised its ~~main~~ benchmark interest rate ~~to 1.75% and by 0.50% in May 2022 and by 0.75% in each of June, July and September 2022, and has stated that it~~ plans to continue acting in view of reducing inflation to 2%. ~~At the same time, the ECB initiated a first increase of~~ The ECB raised its benchmark interest rate by 0.50% on 24 July 2022, by 0.75% in September 2022 and by 0.75% in October 2022, and approved the creation of a new "transmission protection instrument". It ended its emergency pandemic purchase programme in March 2022 and announced the amendment of the conditions of its TLTRO 3 in June October 2022, starting from November 2022 until the end of each operation.

Normalisation ~~or~~ tightening or change of monetary policy following a prolonged period of low interest rates creates risks. Tightening more than expected or more quickly than expected could have a negative impact on the economy and lead to a recession. The World Bank stated in August and September 2022 that it sees the possibility of a global recession in 2023 and a string of financial crises in emerging markets and developing economies as a result of the general and simultaneous rise in interest rates, as well as, for the former, currency movements (and, in particular, substantial appreciation of the U.S. dollar). In the euro zone, which has up until now been characterised by a unified monetary policy despite the varying risk profiles of the component countries, the widening of the spread between sovereign bonds could have an

impact on the financing of countries experiencing the greatest rate increases and, in the long term, could have more serious macroeconomic consequences. In addition, a general increase in key interest rates could prompt holders of low-interest debt or assets to switch to higher-interest bearing assets and further reduce the value of portfolios of fixed-interest debt or assets with lower interest rates. If BNPP's hedging strategies prove ineffective or provide only a partial hedge against this decline in value, BNPP could incur losses. Policy decisions to increase the rate of return on regulated savings (already underway in France) should increase the positive inflow of funds into such investments and, conversely, lead to a shift away from unregulated products, which earn lower rates of return or no returns. Such a scenario, combined with the fact that regulated savings would continue to be remunerated at a higher level than the level received by BNPP for these same deposits, could result in additional costs related to the amount of outstanding deposits and lead to a decrease in the funding resources of BNPP. With respect to the financing granted by BNPP, this could in particular test the resilience of BNPP's loan and bond portfolio and possibly lead to an increase in non-performing loans and loan defaults. In addition, rising interest rates increase the cost of BNPP's funding resources and lead to higher market rates for originated loans under the combined effects of a possible decline in new production and increased competition.

More generally, the gradual evolution of monetary policies, as currently implemented by central banks, has contributed to, and could continue to contribute to, the correction of certain markets or market sectors (for example, non-investment grade borrowers and sovereign borrowers, and ~~certain~~-equity and real estate markets) and impact market participants who have particularly benefited from a prolonged environment of low interest rates and abundant liquidity. These corrections have, and could continue to, spread to all financial markets, particularly due to a significant increase in volatility."; and

- (i) the second paragraph of the risk factor entitled "7.6 *Changes in certain holdings in credit or financial institutions could have an impact on BNPP's financial position.*" under the heading "**7. Risks related to BNPP's growth in its current environment**" on page 49 of the Base Prospectus (which was amended by virtue of the First Supplement) is amended as follows:

"The risk-weighted assets carrying a risk-weight of 250% amounted to €18 billion at 31 December 2021, or 2% of the total risk-weighted assets of BNPP. They amounted to €20 billion, representing 3% of BNPP's total risk-weighted assets at 30 ~~June~~September 2022. If BNPP increases the amount of heavy risk-weighted assets (either by increasing the proportion of such heavy risk-weighted assets in its overall asset portfolio or due to an increase of the regulatory risk-weighting applicable to these assets), its capital adequacy ratios may be lowered."

## DOCUMENTS INCORPORATED BY REFERENCE

On 27 September 2022, BNPP filed with the AMF the fifth *Amendement au Document d'Enregistrement Universel au 31 décembre 2021* in English, which, other than the sections entitled "Person Responsible for the Universal Registration Document" and the "Table of Concordance", by virtue of this Third Supplement, is incorporated in, and forms part of, the Base Prospectus.

On 3 November 2022, BNPP filed with the AMF the sixth *Amendement au Document d'Enregistrement Universel au 31 décembre 2021* in English, which, other than the sections entitled "Person Responsible for the Universal Registration Document" and the "Table of Concordance", by virtue of this Third Supplement, is incorporated in, and forms part of, the Base Prospectus.

The "**DOCUMENTS INCORPORATED BY REFERENCE**" section on pages 117 to 133 of the Base Prospectus (which was amended by virtue of the First Supplement) is amended as follows:

- (a) the word "and" at the end of paragraph (h) (which was added to the Base Prospectus by virtue of the First Supplement) is deleted;
- (b) the "," at the end of paragraph (i) (which was added to the Base Prospectus by virtue of the First Supplement) is deleted and replaced with ";";
- (c) the following paragraphs (j) and (k) are added under paragraph (i):
  - "(j) the fifth *Amendement au Document d'Enregistrement Universel au 31 décembre 2021* (in English), other than the sections entitled "Person Responsible for the Universal Registration Document" and the "Table of Concordance", with filing number D.22-0156-A05 (the "**Fifth Amendment to the BNPP 2021 Universal Registration Document (in English)**"); and
  - (k) the sixth *Amendement au Document d'Enregistrement Universel au 31 décembre 2021* (in English), other than the sections entitled "Person Responsible for the Universal Registration Document" and the "Table of Concordance", with filing number D.22-0156-A06 (the "**Sixth Amendment to the BNPP 2021 Universal Registration Document (in English)**"),"; and
- (d) the table entitled "**BNP PARIBAS**" on pages 128 to 131 of the Base Prospectus (which was amended by virtue of the First Supplement) is deleted and replaced with the table on the following page:

"BNP PARIBAS"							
Information incorporated by reference <i>Headings as listed by Annex 1 of the Commission Delegated Regulation (EU) 2019/980</i>	Page Reference						
	BNPP 2021 Universal Registration Document (in English) - <a href="https://invest.bnpparibas/en/groupe-de-document/universel-registration-document-and-annual-financial-report-2021">https://invest.bnpparibas/en/groupe-de-document/universel-registration-document-and-annual-financial-report-2021</a>	First Amendment to the BNPP 2021 Universal Registration Document (in English) – <a href="https://invest.bnpparibas/en/document/1st-amendment-to-the-2021-universal-registration-document">https://invest.bnpparibas/en/document/1st-amendment-to-the-2021-universal-registration-document</a>	Second Amendment to the BNPP 2021 Universal Registration Document (in English) – <a href="https://invest.bnpparibas/en/document/2nd-amendment-to-the-2021-universal-registration-document">https://invest.bnpparibas/en/document/2nd-amendment-to-the-2021-universal-registration-document</a>	Third Amendment to the BNPP 2021 Universal Registration Document (in English) – <a href="https://invest.bnpparibas/en/document/3rd-amendment-to-the-2021-universal-registration-document">https://invest.bnpparibas/en/document/3rd-amendment-to-the-2021-universal-registration-document</a>	Fourth Amendment to the BNPP 2021 Universal Registration Document (in English) – <a href="https://invest.bnpparibas/en/document/4th-amendment-to-the-2021-universal-registration-document">https://invest.bnpparibas/en/document/4th-amendment-to-the-2021-universal-registration-document</a>	Fifth Amendment to the BNPP 2021 Universal Registration Document (in English) - <a href="https://invest.bnpparibas/en/document/5th-amendment-to-the-2021-universal-registration-document">https://invest.bnpparibas/en/document/5th-amendment-to-the-2021-universal-registration-document</a>	Sixth Amendment to the BNPP 2021 Universal Registration Document (in English) – <a href="https://invest.bnpparibas/en/document/6th-amendment-to-the-2021-universal-registration-document">https://invest.bnpparibas/en/document/6th-amendment-to-the-2021-universal-registration-document</a>
2. Statutory auditors	686	136	5	236; 241	203	5	119
3. Risk factors	309-323	92-108	N/A	217-235	N/A	N/A	96-116
4. Information about the Issuer	4-6; 695-698	N/A	N/A	N/A	N/A	N/A	117
5. Business overview							

5.1	Principal activities	7-18; 218-221; 670-676	N/A	N/A	3	N/A	N/A	N/A
5.2	Principal markets	7-18; 218-221; 670-676	N/A	N/A	N/A	N/A	N/A	N/A
5.3	History and development of the issuer	6	N/A	N/A	N/A	N/A	N/A	N/A
5.4	Strategy and objectives	157-160; 582-583; 630-640; 650-651	N/A	N/A	N/A	N/A	N/A	N/A
5.5	Possible dependency	668	N/A	N/A	N/A	N/A	N/A	N/A
5.6	Basis for any statements made by the issuer regarding its competitive position	7-18; 132-148	N/A	N/A	N/A	N/A	N/A	N/A
5.7	Investments	267; 570; 628-629; 669	N/A	N/A	N/A	N/A	N/A	N/A
<b>6.</b>	<b>Organisational structure</b>							
6.1	Brief description	4; 650-651	N/A	N/A	3	N/A	N/A	N/A
6.2	List of significant subsidiaries	281-289; 562-569; 670-675	N/A	N/A	193-216	113-136	N/A	N/A
<b>7.</b>	<b>Operating and financial review</b>							

7.1	Financial situation	160; 180, 182; 532-533	3-74; 77-78	N/A	4-79	N/A	N/A	3-82
7.2	Operating results	132-148; 155-156; 163-169; 180; 219; 532	63-74	N/A	67-79	N/A	N/A	68; 70-82
<b>8.</b>	<b>Capital resources</b>							
8.1	Issuer's capital resources	184-185; 557	57; 78; 80-91	N/A	58-59; 89; 91-92; 178-181	98-101	N/A	63-64; 69; 87-90
8.2	Sources and amounts of cash flows	183	N/A	N/A	90	N/A	N/A	N/A
8.3	Borrowing requirements and funding structure	160; 482-498	18	N/A	16; 24	N/A	N/A	22; 30
<b>9.</b>	<b>Regulatory environment</b>	299; 306-308	N/A	N/A	N/A	N/A	N/A	N/A
<b>10.</b>	<b>Trend information</b>							
10.1	Main recent trends	157-160; 669	110	N/A	N/A	N/A	N/A	N/A
10.2	Trends likely to have a material impact on the Issuer's outlook	157-160; 669	110	N/A	N/A	N/A	N/A	N/A
<b>11.</b>	<b>Profit forecasts or estimates</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>12.</b>	<b>Administrative, management, and supervisory</b>							

	<b>bodies, and senior management</b>						
12.1	Administrative and management bodies	35-50; 114	N/A	N/A	237-239	N/A	N/A
12.2	Administrative and management bodies' conflicts of interest	55-56; 70-71; 81-110	N/A	N/A	N/A	N/A	N/A
<b>13.</b>	<b>Remuneration and benefits</b>						
13.1	Total amounts set aside or accrued by the Issuer or its subsidiaries to provide pension, retirement or similar benefits	81-110, 257-264; 277	112-132	N/A	N/A	N/A	N/A
13.2	Amount of remuneration paid and benefits in kind granted	81-110, 257-264; 277	112-132	N/A	N/A	N/A	N/A
<b>14.</b>	<b>Board practices</b>						

14.1	Date of expiry of the current terms of office	35-48	N/A	N/A	237-238	N/A	N/A	N/A
14.2	Information about members of the administrative bodies' service contracts with the Issuer	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14.3	Information about the audit committee and remuneration committee	58-66	N/A	N/A	N/A	N/A	N/A	N/A
14.4	Corporate governance regime in force in the Issuer's country of incorporation	51-58	N/A	N/A	N/A	N/A	N/A	N/A
14.5	Potential material impacts on the corporate governance	35-48	N/A	N/A	N/A	N/A	N/A	N/A
<b>15.</b>	<b>Employees</b>							



15.1	Number of employees	4; 614-615; 650; 695	N/A	N/A	3	N/A	N/A	N/A
15.2	Shareholdings and stock options	81-110; 204-205; 612-613	N/A	N/A	N/A	N/A	N/A	N/A
15.3	Information about members of the administrative bodies' service contracts with the Issuer	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>16.</b>	<b>Major shareholders</b>							

16.1	Shareholders owning more than 5% of the Issuer's capital or voting rights	19; 20	N/A	N/A	236	N/A	N/A	N/A
16.2	Existence of different voting rights	19	N/A	N/A	N/A	N/A	N/A	N/A
16.3	Control of the Issuer	19; 20	N/A	N/A	N/A	N/A	N/A	N/A
16.4	Description of any arrangements, known to the Issuer, the operation of which may at a subsequent date result in a change of control of the Issuer	20	N/A	N/A	N/A	N/A	N/A	N/A
17.	<b>Related party transactions</b>	81-110; 278-279; 682-683	N/A	N/A	N/A	N/A	N/A	N/A
18.	<b>Financial information concerning the Issuer's assets and liabilities, financial position, and profits and losses</b>							

18.1	Historical financial information	5; 23; 132-290; 532-570	63-74; 77; 78	N/A	4-79; 83-216	3-136	N/A	68-82
18.2	Interim and other financial information	N/A	63-74; 77; 78	N/A	4-79; 83-216	3-136	N/A	68-82
18.3	Auditing of historical annual financial information	291-296; 571-576	N/A	N/A	N/A	137-138	N/A	N/A
18.4	Pro forma financial information	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18.5	Dividend policy	23; 26-27; 133; 158; 160; 560	N/A	N/A	20	N/A	N/A	N/A
18.6	Legal and arbitration proceedings	266-267	110; 111	N/A	182-183	102-103	N/A	117-118
18.7	Significant change in the Issuer's financial or trading position	669	110	N/A	240	202	4	118
<b>19.</b>	<b>Additional information</b>							

19.1	Share capital	19; 264-266; 551-553; 677; 702	N/A	N/A	178	98	N/A	N/A
19.2	Memorandum and articles of association	677-682	N/A	N/A	N/A	N/A	N/A	N/A
<b>20.</b>	<b>Material contracts</b>	668	N/A	N/A	N/A	N/A	N/A	N/A
<b>21.</b>	<b>Documents on display</b>	668	110	4	239	202	4	117"; and

- (e) in the last paragraph on page 133 of the Base Prospectus, the second sentence is deleted and replaced with the following:

"Each of the documents incorporated by reference in (c) to (k) above will only be made available by the relevant Issuer or the Guarantor (if applicable) to which such document relates."

## AMENDMENTS TO ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES

The definition of "**Valuation Date**" under Credit Security Condition 11 (*Definitions*) on page 910 of the Base Prospectus under "**ANNEX 12 – ADDITIONAL TERMS AND CONDITIONS FOR CREDIT SECURITIES**" on pages 837 to 923 of the Base Prospectus is deleted and replaced with the following:

""**Valuation Date**" means:

- (a) any Credit Security Business Day falling between the 1<sup>st</sup> and the 122<sup>nd</sup> Credit Security Business Day following the Event Determination Date (or, if the Event Determination Date occurs pursuant to subparagraph (b) above of the definition of "Event Determination Date", the day on which the DC Credit Event Announcement occurs, if later), or, following any Auction Cancellation Date or No Auction Announcement Date, such later Credit Security Business Day, (in each case, as selected by the Calculation Agent acting in good faith and in a commercially reasonable manner); or
- (b) if "Cash Settlement" is applicable as a Fallback Settlement Method, any Credit Security Business Day falling between the 1<sup>st</sup> and the 122<sup>nd</sup> Credit Security Business Day following the Event Determination Date, or, following any Auction Cancellation Date or No Auction Announcement Date, such later Credit Security Business Day, (in each case, as selected by the Calculation Agent acting in good faith and in a commercially reasonable manner); or
- (c) if Partial Credit Event Cash Settlement applies, the date which is up to fifteen Credit Security Business Days after the Latest Permissible Physical Settlement Date or, as applicable the Extended Physical Settlement Date (as selected by the Calculation Agent acting in good faith and in a commercially reasonable manner).".

## AMENDMENTS TO THE GENERAL INFORMATION SECTION

The "**GENERAL INFORMATION**" section on pages 1444 to 1453 of the Base Prospectus is amended as follows:

- (a) the first paragraph under the heading "5. Material Adverse Change" on page 1445 of the Base Prospectus is deleted and replaced with the following:

"Except as disclosed in this Base Prospectus (including the documents incorporated by reference), there has been no material adverse change in the prospects of BNPP or the Group since 31 December 2021 (being the end of the last financial period for which audited financial statements have been published)";

- (b) the first paragraph under the heading "6. Legal and Arbitration Proceedings" on page 1445 of the Base Prospectus (which was amended by virtue of the First Supplement) is deleted and replaced with the following:

"Save as disclosed on pages 266 and 267 of the BNPP 2021 Universal Registration Document (in English), pages 111 and 112 of the First Amendment to the BNPP 2021 Universal Registration Document (in English), pages 182 and 183 of the Third Amendment to the BNPP 2021 Universal Registration Document (in English), pages 102 and 103 of the Fourth Amendment to the BNPP 2021 Universal Registration Document (in English) and pages 117 and 118 of the Sixth Amendment to the BNPP 2021 Universal Registration Document (in English), there have been no governmental, legal or arbitration proceedings (including any such proceedings which are pending or threatened of which the Issuer is aware), during the period covering the twelve (12) months prior to the date of this Base Prospectus which may have, or have had in the recent past, significant effects on BNPP's and/or the Group's financial position or profitability.";

- (c) the first paragraph under the heading "7. Significant Change" on page 1445 of the Base Prospectus (which was amended by virtue of the First Supplement) is deleted and replaced with the following:

"Except as disclosed in this Base Prospectus (including the documents incorporated by reference), there has been no significant change in the financial performance or position of BNPP or the Group since 30 September 2022 (being the end of the last financial period for which interim financial statements have been published).";

- (d) the paragraphs under the heading "16. Dependence of BNPP upon other members of the Group" on page 1448 of the Base Prospectus are deleted and replaced with the following:

"Not applicable.";

- (e) the table and the notes thereto under the heading "18. Capitalization and Medium and Long Term Debt Indebtedness over one year of BNPP and the BNPP Paribas Group" on pages 1450 to 1453 of the Base Prospectus (which were amended by virtue of the First Supplement) are deleted and replaced with the following:

"The following table<sup>1</sup> sets forth the consolidated capitalization and medium to long term indebtedness (i.e. of which the unexpired term to maturity is more than one year) of the Group as of 30 September 2022 and 31 December 2021 using the Group's prudential scope of consolidation.

The "prudential scope of consolidation", as defined in EU Regulation No. 575/2013 on capital requirements for credit institutions and investment firms is used by the Group in the preparation of its "Pillar 3" disclosure set out in Chapter 5 of the BNPP 2021 Universal Registration Document (in English). It differs from the "accounting scope of consolidation" used by the Group in the preparation

of its consolidated financial statements under IFRS as adopted by the European Union. The principal differences between the two scopes of consolidation are summarised in note 1 to the table below.

Except as set forth in this section, there has been no material change in the capitalisation of the Group since 30 September 2022.

For the avoidance of doubt, the figures in the table below are derived from the Group's unaudited consolidated financial statements as of and for the nine months ended 30 September 2022 and the Group's audited consolidated financial statements as of and for the year ended 31 December 2021 (which do not include prudential deductions), and are used for the purposes of the Group's prudential capital calculations.

	<b>As of 30 September 2022</b>	<b>As of 31 December 2021</b>
<i>(in millions of euros)</i>		
<b>Medium- and Long-Term Debt (of which the unexpired term to maturity is more than one year)<sup>2</sup></b>		
<i>Senior preferred debt at fair value through profit or loss</i> .....	38,855	40,555
<i>Senior preferred debt at amortized cost</i> .....	13,209	25,241
<b>Total Senior Preferred Debt</b> .....	<b>52,064</b>	<b>65,796</b>
<i>Senior non preferred debt at fair value through profit or loss</i> .....	3,833	3,933
<i>Senior non preferred debt at amortized cost</i> .....	65,040	62,536
<b>Total Senior Non Preferred Debt</b> .....	<b>68,873</b>	<b>66,469</b>
 <i>Redeemable subordinated debt at amortized cost</i> .....	 22,820	 21,444
<i>Undated subordinated notes at amortized cost</i> <sup>3</sup> .....	533	494
<i>Undated participating subordinated notes at amortized cost</i> <sup>4</sup> .....	225	225
<i>Redeemable subordinated debt at fair value through profit or loss</i> ...	16	25
<i>Perpetual subordinated notes at fair value through profit or loss</i> <sup>5</sup> ....	696	906
<i>Preferred shares and equivalent instruments</i> <sup>6</sup> .....	10,820	9,207
<b>Total Subordinated Debt</b> .....	<b>35,110</b>	<b>32,301</b>
 <i>Issued capital</i> <sup>7</sup> .....	 2,469	 2,469
<i>Additional paid-in capital</i> .....	23,716	23,878
<i>Retained earnings</i> .....	82,387	77,587
<i>Unrealized or deferred gains and losses attributable to Shareholders</i> .....	-1,391	216
 <b>Total Shareholders' Equity and Equivalents (net of proposed dividends)</b> .....	 <b>107,181</b>	 <b>104,150</b>
<i>Minority interests (net of proposed dividends)</i> .....	4,356	4,234
<b>Total Capitalization and Medium-to-Long Term Indebtedness</b> ..	<b>267,584</b>	<b>272,950</b>

(1) Prior to 30 September 2018, the Group presented its consolidated capitalisation and medium-to-long term indebtedness using the accounting scope of consolidation. Since then, the Group presents its capitalization table using the prudential scope of consolidation. As stated in Section 5.2 of the BNPP 2021 Universal Registration Document (in English), the material differences between the prudential scope of consolidation and the accounting scope of consolidation are the following:

- insurance companies (primarily BNP Paribas Cardif and its subsidiaries) that are fully consolidated under the accounting scope of consolidation are accounted for under the equity method in the prudential scope of consolidation; and
- jointly controlled entities (mainly UCI Group entities and Bpost banque) are accounted for under the equity method in the accounting scope of consolidation and under the proportional consolidation scope in the prudential scope of consolidation.



- (2) All medium- and long-term senior preferred debt of BNPP ranks equally with deposits and senior to the category of senior non-preferred debt first issued by BNPP in January 2017. The subordinated debt of BNPP is subordinated to all of its senior debt (including both senior preferred and senior non-preferred debt). The Issuer and its subsidiaries issue medium- to long-term debt on a continuous basis, particularly through private placements in France and abroad.

Euro against foreign currency as at 31 December 2019, CAD = 1.457, GBP = 0.847, CHF = 1.085, HKD = 8.732, JPY = 121.903, USD = 1.122.

Euro against foreign currency as at 31 December 2020, CAD = 1.555, GBP = 0.893, CHF = 1.082, HKD = 9.465, JPY = 126.099, USD = 1.221.

Euro against foreign currency as at 31 December 2021, CAD = 1.439, GBP = 0.841, CHF = 1.038, HKD = 8.875, JPY = 131.009, USD = 1.138.

Euro against foreign currency as at 30 September 2022, CAD = 1.355, GBP = 0.878, CHF = 0.967, HKD = 7.699, JPY = 141.991, USD = 0.981.

- (3) At 30 September 2022, the remaining subordinated debt included €533 million of undated floating-rate subordinated notes ("**TSDis**").
- (4) Undated participating subordinated notes issued by BNP SA in July 1984 for a total amount of €337 million are redeemable only in the event of the liquidation of BNPP, but may be redeemed in accordance with the terms specified in the French law of 3 January 1983. The number of notes outstanding as at 30 September 2022 was 1,434,092 amounting to approximately €219 million. Payment of interest is obligatory, but the Board of Directors may postpone interest payments if the Ordinary General Meeting of shareholders held to approve the financial statements notes that there is no income available for distribution. Additionally, as at 30 September 2022, there were 28,689 undated participating subordinated notes issued by Fortis Banque France (amounting to approximately €4 million) and 6,773 undated participating subordinated notes issued by Banque de Bretagne (amounting to approximately €2 million) outstanding; both entities have since been merged into BNPP.
- (5) Subordinated debt corresponds to an issue of Convertible And Subordinated Hybrid Equity-linked Securities ("**CASHES**") made by Fortis Bank SA/NV (now acting in Belgium under the commercial name BNP Paribas Fortis) in December 2007, in an initial nominal amount of €3 billion, reduced as of 30 September 2022 to an outstanding nominal amount of €948 million corresponding to a market value of €696 million as of such date. They bear interest at a floating rate equal to three-month EURIBOR plus a margin equal to 2% paid quarterly in arrears. The CASHES are undated but may be exchanged for Ageas (previously Fortis SA/NV) shares at the holder's sole discretion at a price per Ageas share of €239.40. However, as of 19 December 2014, the CASHES are subject to automatic exchange into Ageas shares if the price of Ageas shares is equal to or higher than €359.10 for twenty consecutive trading days. The principal amount will never be redeemed in cash. The rights of CASHES holders are limited to the Ageas shares held by BNP Paribas Fortis and pledged to them.

Ageas and BNP Paribas Fortis have entered into a Relative Performance Note ("**RPN**") contract, the value of which varies contractually so as to offset the impact on BNP Paribas Fortis of the relative difference between changes in the value of the CASHES and changes in the value of the Ageas shares.

On 7 May 2015, BNPP and Ageas reached an agreement which allows BNPP to purchase outstanding CASHES subject to the condition that these are converted into Ageas shares, leading to a proportional settlement of the RPN. The agreement between Ageas and BNPP expired on 31 December 2016 and has not been renewed.

On 24 July 2015, BNPP obtained a prior agreement from the European Central Bank permitting it to purchase outstanding CASHES up to a nominal amount of €200 million. In 2016, BNPP used such agreement to purchase €164 million outstanding CASHES, converted into Ageas shares.

On 8 July 2016, BNPP obtained a new agreement from the European Central Bank which superseded the prior agreement permitting it to purchase outstanding CASHES up to a nominal amount of €200 million. BNPP requested the cancellation of this agreement from the European Central Bank and the European Central Bank approved such cancellation in August 2017.

As at 30 September 2022 (following the expiry of the "grandfathering" period), the subordinated liability is no longer eligible for inclusion in Tier 1 capital.

- (6) Consists of numerous issuances by BNPP in various currencies (i) over the 2005-2009 period, of undated deeply subordinated non-cumulative notes and (ii) since 2015, of perpetual fixed rate resettable additional tier 1 notes. The details of the debt instruments recognised as capital, as well as their characteristics, as required by Implementing Regulation No. 1423/2013, are available in the BNP Paribas Debt section of BNPP's investor relations website at [www.invest.bnpparibas.com](http://www.invest.bnpparibas.com).
- (7) At 30 September 2022, BNPP's share capital stood at €2,468,663,292 divided into 1,234,331,646 shares with a par value of €2 each."; and

- (f) the paragraph under the heading "19. Events impacting the solvency of BNPP" on page 1453 of the Base Prospectus (which was amended by virtue of the First Supplement) is deleted and replaced with the following:

"To the best of BNPP's knowledge, there have not been any recent events which are to a material extent relevant to the evaluation of BNPP's solvency since 30 September 2022."

## **RESPONSIBILITY STATEMENT**

I hereby certify on behalf of BNPP and BNPP B.V. that, to the best of my knowledge, the information contained in this Third Supplement is in accordance with the facts and contains no omission likely to affect its import.

BNP Paribas  
16 boulevard des Italiens  
75009 Paris  
France

Represented by Thierry Laborde  
in his capacity as Chief Operating Officer in charge of Commercial, Personal Banking and Services

Dated 17 November 2022



This Third Supplement has been approved by the AMF, in its capacity as competent authority under Regulation (EU) 2017/1129. The AMF has approved this Third Supplement after having verified that the information it contains is complete, coherent and comprehensible within the meaning of Regulation (EU) 2017/1129.

This approval is not a favourable opinion on the Issuers (or the Guarantor, if applicable) and on the quality of the Securities described in the Base Prospectus (as amended by the Previous Supplements and this Third Supplement). Investors should make their own assessment of the opportunity to invest in such Securities.

This Third Supplement has been approved on 17 November 2022. This Third Supplement obtained the following approval number: n°22-451.

**Fourth Supplement dated 22 February 2023**  
**to the Base Prospectus for the issue of Certificates dated 1 June 2022**



**BNP Paribas Issuance B.V.**

*(incorporated in The Netherlands)*

*(as Issuer)*

**BNP Paribas**

*(incorporated in France)*

*(as Issuer and Guarantor)*

**Note, Warrant and Certificate Programme**

This fourth supplement (the "**Fourth Supplement**") is supplemental to, and should be read in conjunction with, the base prospectus dated 1 June 2022 (the "**Base Prospectus**"), the first supplement to the Base Prospectus dated 11 August 2022 (the "**First Supplement**"), the second supplement to the Base Prospectus dated 16 September 2022 (the "**Second Supplement**") and the third supplement to the Base Prospectus dated 17 November 2022 (the "**Third Supplement**" and, together with the First Supplement and the Second Supplement, the "**Previous Supplements**"), in each case in respect of Certificates issued under the Note, Warrant and Certificate Programme (the "**Programme**") of BNP Paribas Issuance B.V. ("**BNPP B.V.**"), BNP Paribas ("**BNPP**") and BNP Paribas Fortis Funding.

The Base Prospectus and the Previous Supplements constitute a base prospectus for the purposes of Article 8 of the Prospectus Regulation. "**Prospectus Regulation**" means Regulation (EU) 2017/1129 of 14 June 2017. The Base Prospectus received approval no. 22-189 on 1 June 2022, the First Supplement received approval no. 22-347 on 11 August 2022, the Second Supplement received approval no. 22-382 on 16 September 2022 and the Third Supplement received approval no. 22-451 on 17 November 2022 from the *Autorité des marchés financiers* (the "**AMF**"). Application has been made to the AMF for approval of this Fourth Supplement in its capacity as competent authority under the Prospectus Regulation.

BNPP (in respect of itself and BNPP B.V.) and BNPP B.V. (in respect of itself) accept responsibility for the information contained in this Fourth Supplement, save that BNPP B.V. accepts no responsibility for the information contained in the ACPR Press Release (as defined below), the SREP Press Release (as defined below), the Bank of the West Sale Press Release (as defined below), the Bank of the West Sale Closing Press Release (as defined below), the 7 February 2023 Press Release (as defined below) and the related presentation issued by BNPP, the Seventh Amendment to the BNPP 2021 Universal Registration Document (in English) (as defined below), the 2022 BNPP Unaudited Financial Statements (as defined below) and the updated disclosure in respect of BNPP. To the best of the knowledge of BNPP and BNPP B.V. (who have taken all reasonable care to ensure that such is the case), the information contained herein is, subject as provided in the preceding sentence, in accordance with the facts and does not omit anything likely to affect the import of such information.

Unless the context otherwise requires, terms defined in the Base Prospectus, as amended by the Previous Supplements, shall have the same meanings when used in this Fourth Supplement.

To the extent that there is any inconsistency between (i) any statement in this Fourth Supplement and (ii) any statement in, or incorporated by reference in, the Base Prospectus, as amended by the Previous Supplements, the statement referred to in (i) above will prevail.

References in this Fourth Supplement to paragraphs of the Base Prospectus are to the Base Prospectus as amended by the Previous Supplements. References in this Fourth Supplement to page numbers in the Base Prospectus are to the page numbers in the Base Prospectus without taking into account any amendments made in the Previous Supplements.

Copies of this Fourth Supplement will be available on the website of BNP Paribas (<https://rates-globalmarkets.bnpparibas.com/gm/Public/LegalDocs.aspx>) and on the website of the AMF ([www.amf-france.org](http://www.amf-france.org)).

This Fourth Supplement has been prepared in accordance with Article 23 of the Prospectus Regulation for the purposes of giving information, which amends or is additional to the information already contained in the Base Prospectus, as amended by the Previous Supplements.

This Fourth Supplement has been prepared for the purposes of:

- (A) amending the sections of the Base Prospectus relating to the withdrawal right of investors stated in Article 23.2 of the Prospectus Regulation;
- (B) giving disclosure in respect of:
  - (a) a press release dated 18 November 2022 issued by BNP Paribas relating to the notification by the ACPR of the designation of BNP Paribas on the list of Global Systemically Important Banks (the **ACPR Press Release**);
  - (b) a press release dated 22 December 2022 issued by BNP Paribas relating to the notification by the ECB of the 2022 Supervisory Review and Evaluation Process (the **SREP Press Release**);
  - (c) a press release dated 18 January 2023 issued by BNP Paribas relating to the receipt of all regulatory approvals for the completion of the sale of Bank of the West to BMO Financial Group (the **"Bank of the West Sale Press Release"**);
  - (d) a press release dated 1 February 2023 issued by BNP Paribas relating to the closing of the sale of Bank of the West to BMO Financial Group (the **"Bank of the West Sale Closing Press Release"**); and
  - (e) the 7 February 2023 Press Release (as defined below) and the related presentation dated 7 February 2023 issued by BNP Paribas.
- (C) amending the "Risks" section;
- (D) incorporating by reference:
  - (a) the seventh *Amendement au Document d'Enregistrement Universel au 31 décembre 2021* in English dated 1 December 2022 (the **"Seventh Amendment to the BNPP 2021 Universal Registration Document (in English)"**);

- (b) BNPP's unaudited consolidated financial statements (in English) for the year ended 31 December 2022 (the "**2022 BNPP Unaudited Financial Statements**"); and
  - (c) a press release dated 7 February 2023 issued by BNP Paribas relating to the unaudited financial information of BNP Paribas for the fourth quarter ended 31 December 2022 and the unaudited figures for the year ended 31 December 2022 (the "**7 February 2023 Press Release**"); and
- (E) amending the "General Information" section.

The amendments referred to in (A) above have been made to amend the duration of the withdrawal right of investors in accordance with Article 23.2 of the Prospectus Regulation. The incorporation of the documents referred to in (B) above has been included to update the disclosure for BNPP. The amendments referred to in (C) above have been made to update the risk factors relating to BNPP. The incorporation by reference referred to in (D) above has been made to update the disclosure for BNPP and to reflect the unaudited consolidated financial statements for the year ended 31 December 2022. The amendments referred to in (E) above have been made to (i) update the table of Capitalization and Medium and Long Term Debt Indebtedness over one year of BNPP and the BNP Paribas Group and (ii) include a declaration concerning the unaudited annual results of BNP Paribas for the year ending 31 December 2022 and the unaudited fourth quarter results of BNP Paribas for the quarter ended 31 December 2022.

**In accordance with Article 23.2 of the Prospectus Regulation, in the case of an offer of Securities to the public, investors who have already agreed to purchase or subscribe for Securities issued under the Programme before this Fourth Supplement is published and which are affected by the amendments made in this Fourth Supplement, have the right, exercisable before the end of the period of two working days beginning with the working day after the date of publication of this Fourth Supplement to withdraw their acceptances. This right to withdraw shall expire by close of business on 24 February 2023. Investors can exercise their right to withdraw their acceptances by contacting the person from whom any such investor has agreed to purchase or subscribe for such Securities before the above deadline.**

## TABLE OF CONTENTS

### Page

Amendments to the sections relating to the withdrawal right of investors .....	5
ACPR Press Release, SREP Press Release, Bank of the West Sale Press Release, Bank of the West Sale Closing Press Release and Press Release and Related Presentation dated 7 February 2023 .....	6
Amendments to the Risks Section .....	156
Documents Incorporated by Reference.....	177
Amendments to the General Information Section.....	188
Responsibility Statement .....	191



## AMENDMENTS TO THE SECTIONS RELATING TO THE WITHDRAWAL RIGHT OF INVESTORS

- (a) the second paragraph under the heading "2.2 The Supplement(s)" on page 112 of the Base Prospectus is deleted and replaced with the following:

"In accordance with Article 23.2 of the Prospectus Regulation, investors who have already agreed to purchase or subscribe for Securities before a supplement is published have the right, exercisable within two working days after the publication of such supplement, to withdraw their acceptances, provided that the significant new factor, material mistake or material inaccuracy arose or was noted before the closing of the offer period or the delivery of the Securities, whichever occurs later. Investors should be aware, however, that the law of the jurisdiction in which they have accepted an offer of Securities may provide for a longer time limit.";

- (b) the two paragraphs preceding the heading "PART A – CONTRACTUAL TERMS" on page 217 of the Base Prospectus are deleted and replaced with the following:

"[Investors should note that if a supplement to or an updated version of the Base Prospectus referred to below is published at any time during the Offer Period (as defined below), such supplement or updated base prospectus, as the case may be, will be published and made available in accordance with the arrangements applied to the original publication of these Final Terms. Any investors who have indicated acceptances of the Offer (as defined below) prior to the date of publication of such supplement or updated version of the Base Prospectus, as the case may be (the "**Publication Date**"), have the right within [two]/[specify longer period] working days of the Publication Date to withdraw their acceptances.]<sup>6</sup>

[Investors who, before the supplement is published, have already agreed to purchase or subscribe for the Securities which are the subject of the Non-exempt Offer, where the Securities have not yet been delivered to such investors, have the right, exercisable within the period of [two]/[specify longer period] working days after the publication of the supplement to withdraw their acceptances. This right to withdraw shall expire by close of business on [●].]"; and

- (c) the second paragraph on page 1454 of the Base Prospectus is deleted and replaced with the following:

"In accordance with Article 23.2 of the Prospectus Regulation (as amended), investors who have already agreed to purchase or subscribe for Securities before a Supplement is published have the right, exercisable within two working days after the publication of such Supplement, to withdraw their acceptances.".

---

<sup>6</sup> Include in respect of issues of Securities where the public offer period spans a supplement to the Base Prospectus or an update to the Base Prospectus.

**ACPR PRESS RELEASE, SREP PRESS RELEASE, BANK OF THE WEST SALE PRESS  
RELEASE, BANK OF THE WEST SALE CLOSING PRESS RELEASE AND PRESS RELEASE  
AND RELATED PRESENTATION DATED 7 FEBRUARY 2023**

BNP Paribas have released the following:

- (a) a press release dated 18 November 2022 relating to the notification by the ACPR of the designation of BNP Paribas on the list of Global Systemically Important Banks (the "**ACPR Press Release**");
- (b) a press release dated 22 December 2022 relating to the notification by the ECB of the 2022 Supervisory Review and Evaluation Process (the "**SREP Press Release**");
- (c) a press release dated 18 January 2023 issued by BNP Paribas relating to the receipt of all regulatory approvals for the completion of the sale of Bank of the West to BMO Financial Group (the "**Bank of the West Sale Press Release**");
- (d) a press release dated 1 February 2023 issued by BNP Paribas relating to the closing of the sale of Bank of the West to BMO Financial Group (the "**Bank of the West Sale Closing Press Release**"); and
- (e) a press release and presentation dated 7 February 2023 relating to the unaudited financial information of BNP Paribas for the fourth quarter ended 31 December 2022 and the unaudited figures for the year ended 31 December 2022.

**PRESS RELEASE**

## **NOTIFICATION BY THE ACPR OF THE DESIGNATION OF BNP PARIBAS ON THE LIST OF G-SIBs**

BNP Paribas has received the notification by the “Autorité de Contrôle Prudentiel et de Résolution” (ACPR), dated 18 November 2022, that the Group has been designated on the 2022 list of Global Systemically Important Banks (G-SIBs) in the bucket 2 corresponding to its score based on end-2021 data.

Consequently, the requirement of the G-SIB buffer applicable for the group remains at 1.5% of the total risk-weighted assets beginning 1<sup>st</sup> January 2023, unchanged compared to the level currently applicable.

The Group is well above the regulatory requirements with, as at 30 September 2022, a CET1 ratio at 12.1%<sup>1</sup>, a Tier 1 ratio at 13.5%<sup>1</sup> and a Total Capital ratio at 15.9%<sup>1</sup>.

### **About BNP Paribas**

BNP Paribas is the European Union’s leading bank and key player in international banking. It operates in 65 countries and has nearly 190,000 employees, including nearly 145,000 in Europe. The Group has key positions in its three main fields of activity: Commercial, Personal Banking & Services for the Group’s commercial & personal banking and several specialised businesses including BNP Paribas Personal Finance and Arval BNP Paribas ; Investment & Protection Services for savings, investment and protection solutions ; and Corporate & Institutional Banking, focused on corporate and institutional clients. Based on its strong diversified and integrated model, the Group helps all its clients (individuals, community associations, entrepreneurs, SMEs, corporates and institutional clients) to realise their projects through solutions spanning financing, investment, savings and protection insurance. In Europe, BNP Paribas has four domestic markets: Belgium, France, Italy and Luxembourg. The Group is rolling out its integrated commercial & personal banking model across several Mediterranean countries, Turkey, Eastern Europe as well as via a large network in the western part of the United States. As a key player in international banking, the Group has leading platforms and business lines in Europe, a strong presence in the Americas as well as a solid and fast-growing business in Asia-Pacific.

BNP Paribas has implemented a Corporate Social Responsibility approach in all its activities, enabling it to contribute to the construction of a sustainable future, while ensuring the Group's performance and stability.

### **Press contact**

Sandrine Romano – [sandrine.romano@bnpparibas.com](mailto:sandrine.romano@bnpparibas.com) +33 6 71 18 23 05

---

<sup>1</sup> CRD4, including IFRS9 transitional arrangements



**BNP PARIBAS**

**The bank  
for a changing  
world**

**PRESS RELEASE**

## **NOTIFICATION BY THE ECB OF THE 2022 SUPERVISORY REVIEW AND EVALUATION PROCESS (SREP)**

BNP Paribas has received the notification by the European Central Bank of the outcome of the 2022 Supervisory Review and Evaluation Process (SREP), which states capital requirements on a consolidated basis in force for the Group.

The Common Equity Tier 1 (CET1) requirement that the Group has to respect as from 1<sup>st</sup> January 2023 on a consolidated basis is 9.56% (excluding the Pillar 2 guidance). It includes 1.50% for the G-SIB buffer, 2.50% for the Conservation buffer, 0.88% for the Pillar 2 requirement, 0.08% of systemic risk buffer<sup>1</sup> and 0.10% of countercyclical buffer<sup>1</sup>.

The requirement for the Tier 1 Capital is 11.36% (of which 1.18% for the Pillar 2 requirement).

The requirement for the Total Capital is 13.75% (of which 1.57% for the Pillar 2 requirement).

The Group is well above the regulatory requirements with, as at 30 September 2022, a CET1 ratio at 12.1%<sup>2</sup>, a Tier 1 ratio at 13.5%<sup>2</sup> and a Total Capital ratio at 15.9%<sup>2</sup>.

### **About BNP Paribas**

BNP Paribas is the European Union's leading bank and key player in international banking. It operates in 65 countries and has nearly 190,000 employees, including nearly 145,000 in Europe. The Group has key positions in its three main fields of activity: Commercial, Personal Banking & Services for the Group's commercial & personal banking and several specialised businesses including BNP Paribas Personal Finance and Arval ; Investment & Protection Services for savings, investment and protection solutions ; and Corporate & Institutional Banking, focused on corporate and institutional clients. Based on its strong diversified and integrated model, the Group helps all its clients (individuals, community associations, entrepreneurs, SMEs, corporates and institutional clients) to realise their projects through solutions spanning financing, investment, savings and protection insurance. In Europe, BNP Paribas has four domestic markets: Belgium, France, Italy and Luxembourg. The Group is rolling out its integrated commercial & personal banking model across several Mediterranean countries, Turkey, Eastern Europe as well as via a large network in the western part of the United States. As a key player in international banking, the Group has leading platforms and business lines in Europe, a strong presence in the Americas as well as a solid and fast-growing business in Asia-Pacific. BNP Paribas has implemented a Corporate Social Responsibility approach in all its activities, enabling it to contribute to the construction of a sustainable future, while ensuring the Group's performance and stability.

### **Press contact**

Sandrine Romano – [sandrine.romano@bnpparibas.com](mailto:sandrine.romano@bnpparibas.com) / +33 6 71 18 23 05

<sup>1</sup> Computation based on RWA as at 30.09.22

<sup>2</sup> CRD4, including IFRS9 transitional arrangements



**BNP PARIBAS**

**The bank  
for a changing  
world**

**PRESS RELEASE**

## **Receipt of all regulatory approvals for the completion of the sale of Bank of the West to BMO Financial Group**

On December 20, 2021, BNP Paribas announced that it had entered into an agreement with BMO Financial Group for the sale of its retail & commercial banking activities in the United States conducted through its subsidiary Bank of the West, Inc ("the Transaction")<sup>1</sup>.

BMO Financial Group confirmed the receipt of all regulatory approvals required to complete the acquisition of Bank of the West. No further regulatory approvals are required to complete the Transaction.

The Transaction is anticipated to close on February 1, 2023, subject to the satisfaction of the remaining customary closing conditions set forth in the agreement.

Final financial impacts of the Transaction will be provided on February 7, 2023, together with the publication of BNP Paribas 2022 Annual Results.

**Jean-Laurent Bonnafé, BNP Paribas Group Director and Chief Executive Officer, said:**

"I would like to warmly thank Bank of the West and BNP Paribas teams who have been working closely with BMO Financial Group these last months in order to prepare the closing of the transaction and the transition to BMO Financial Group.

BNP Paribas continues to benefit from a long-term presence in the United States and notably a strong Corporate & Institutional Banking franchise which has been recently reinforced. BNP Paribas' set up in the United States remains a strategic pillar for its development. Therefore, the Group will continue to consolidate and further develop its Corporate & Institutional Banking franchise to better serve multinational clients' needs."

### **About BNP Paribas**

BNP Paribas is the European Union's leading bank and key player in international banking. It operates in 65 countries and has nearly 190,000 employees, including nearly 145,000 in Europe. The Group has key positions in its three main fields of activity: Commercial, Personal Banking & Services for the Group's commercial & personal banking and several specialised businesses including BNP Paribas Personal Finance and Arval; Investment & Protection Services for savings, investment and protection solutions; and Corporate & Institutional Banking, focused on corporate and institutional clients. Based on its strong diversified and integrated model, the Group helps all its clients (individuals, community associations, entrepreneurs, SMEs, corporates and institutional clients) to realise their projects through solutions spanning financing, investment, savings and protection insurance. In Europe, BNP Paribas has four domestic markets: Belgium, France, Italy and Luxembourg. The Group is rolling out its integrated commercial & personal banking model across several Mediterranean countries, Turkey, Eastern Europe as well as via a large network in the western part of the United States. As a key player in international banking, the Group has leading platforms and business lines in Europe, a strong presence in the Americas as well as a solid and fast-growing business in Asia-Pacific. BNP Paribas has

---

<sup>1</sup> For details on the announcement, please refer to the following press release: [bnp-paribas-reached-an-agreement-with-bmo-for-the-sale-of-bank-of-the-west](#) ([invest.bnpparibas](#))



**BNP PARIBAS**

**The bank  
for a changing  
world**

implemented a Corporate Social Responsibility approach in all its activities, enabling it to contribute to the construction of a sustainable future, while ensuring the Group's performance and stability.

**Press contact**

Sandrine Romano – [sandrine.romano@bnpparibas.com](mailto:sandrine.romano@bnpparibas.com) – +33 6 71 18 23 05

Hacina Habchi – [hacina.habchi@bnpparibas.com](mailto:hacina.habchi@bnpparibas.com) – +33 7 61 97 65 20



**BNP PARIBAS**

**The bank  
for a changing  
world**

**PRESS RELEASE**

## **Closing of the sale of Bank of the West to BMO Financial Group**

BNP Paribas closed today the sale of its retail & commercial banking activities in the United States conducted through its subsidiary Bank of the West, Inc to BMO Financial Group, as announced January,18 2023.

Final financial impacts of the Transaction will be communicated on February 7, 2023, together with the publication of BNP Paribas 2022 Annual Results.

### About BNP Paribas

BNP Paribas is the European Union's leading bank and key player in international banking. It operates in 65 countries and has nearly 190,000 employees, including nearly 145,000 in Europe. The Group has key positions in its three main fields of activity: Commercial, Personal Banking & Services for the Group's commercial & personal banking and several specialised businesses including BNP Paribas Personal Finance and Arval; Investment & Protection Services for savings, investment and protection solutions; and Corporate & Institutional Banking, focused on corporate and institutional clients. Based on its strong diversified and integrated model, the Group helps all its clients (individuals, community associations, entrepreneurs, SMEs, corporates and institutional clients) to realise their projects through solutions spanning financing, investment, savings and protection insurance. In Europe, BNP Paribas has four domestic markets: Belgium, France, Italy and Luxembourg. The Group is rolling out its integrated commercial & personal banking model across several Mediterranean countries, Turkey, and Eastern Europe. As a key player in international banking, the Group has leading platforms and business lines in Europe, a strong presence in the Americas as well as a solid and fast-growing business in Asia-Pacific. BNP Paribas has implemented a Corporate Social Responsibility approach in all its activities, enabling it to contribute to the construction of a sustainable future, while ensuring the Group's performance and stability.

### Press contact

Sandrine Romano – [sandrine.romano@bnpparibas.com](mailto:sandrine.romano@bnpparibas.com) – +33 6 71 18 23 05

Hacina Habchi – [hacina.habchi@bnpparibas.com](mailto:hacina.habchi@bnpparibas.com) – +33 7 61 97 65 20



**BNP PARIBAS**

**The bank  
for a changing  
world**

# RESULTS AS AT 31 DECEMBER 2022

PRESS RELEASE

Paris, 7 February 2023



**VERY SOLID RESULTS  
DRIVEN BY THE STRENGTH OF THE BNP PARIBAS MODEL**

**STRONG GROWTH IN REVENUES  
SUPPORTED BY ALL DIVISIONS**

**POSITIVE JAWS EFFECT**

**(+0.7 point, +1.5 point excluding the contribution to the Single Resolution Fund)**

**Revenues: +9.0% vs. 2021**

**Operating expenses: +8.3% vs. 2021**

**(+7.6% excluding the contribution to the Single Resolution Fund)**

**(at constant scope and exchange rates)**

**Revenues: +6.6% vs. 2021**

**Operating expenses: +5.3% vs. 2021**

**PRUDENT, PROACTIVE AND LONG-TERM RISK MANAGEMENT REFLECTED IN LOW  
COST OF RISK:**

**Cost of risk: 31 bps<sup>1</sup>**

**VERY STRONG GROWTH IN NET INCOME<sup>2</sup>**

**Net income<sup>2</sup>: €10,196m (+7.5% vs. 2021)**

**(+19.0% vs. 2021, excluding exceptional items)**

**ROBUST BALANCE SHEET**

**CET1<sup>3</sup> RATIO: 12.3%**

**RETURN TO SHAREHOLDERS OF 60% APPLIED TO DISTRIBUTABLE INCOME  
INCLUDING THE CONTRIBUTION OF BANK OF THE WEST<sup>4</sup>**

**EPS<sup>5</sup>: €7.80**

**Dividend: €3.90**

**SHARE BUYBACK PROGRAMME TOTALLING €5bn PLANNED IN 2023<sup>6</sup>**

- **€4bn related to the sale of Bank of the West and €1bn to ordinary distribution**
- **Executed in 2 equivalent tranches (request submitted to the ECB for a first tranche of €2.5bn<sup>7</sup>)**

1. Cost of risk vs. customer loans outstanding at the beginning of the period; 2. Group share; 3. CRD4, including IFRS 9 transitional arrangements; 4. Subject to the approval of the shareholders' General Meeting of 16 May 2023 and ECB authorisation; 5. Earnings per Share; 6. Upon customary condition precedents, including ECB authorisations; 7. €962m related to the ordinary distribution of 2022 income and €1.54bn to the sale of Bank of the West



**BNP PARIBAS**

**The bank  
for a changing  
world**





*The figures included in this announcement are unaudited.*

*This announcement includes forward-looking statements based on current beliefs and expectations about future events. Forward-looking statements include financial projections and estimates and their underlying assumptions, statements regarding plans, objectives and expectations with respect to future events, operations, products and services, and statements regarding future performance and synergies. Forward-looking statements are not guarantees of future performance and are subject to inherent risks, uncertainties and assumptions about BNP Paribas and its subsidiaries and investments, developments of BNP Paribas and its subsidiaries, banking industry trends, future capital expenditures and acquisitions, changes in economic conditions globally, or in BNP Paribas' principal local markets, the competitive market and regulatory factors. Those events are uncertain; their outcome may differ from current expectations which may in turn significantly affect expected results. Actual results may differ materially from those projected or implied in these forward-looking statements. Any forward-looking statement contained in this presentation speaks as at the date of this presentation.*

*BNP Paribas undertakes no obligation to publicly revise or update any forward-looking statements in light of new information or future events. It should be recalled in this regard that the Supervisory Review and Evaluation Process is carried out each year by the European Central Bank, which can modify each year its capital adequacy ratio requirements for BNP Paribas.*

*The information contained in this announcement as it relates to parties other than BNP Paribas or derived from external sources has not been independently verified and no representation or warranty expressed or implied is made as to, and no reliance should be placed on, the fairness, accuracy, completeness or correctness of the information or opinions contained herein. Neither BNP Paribas nor its representatives shall have any liability whatsoever in negligence or otherwise for any loss however arising from any use of this press release or its contents or otherwise arising in connection with this press release or any other information or material discussed.*

*The sum of values contained in the tables and analyses may differ slightly from the total reported due to rounding.*



The Board of Directors of BNP Paribas met on 6 February 2023, chaired by Jean Lemierre. The Board examined the Group's results for the fourth quarter 2022 and endorsed the 2022 financial statements.

Commenting on these results, Jean-Laurent Bonnafé, Chief Executive Officer, said after the Board meeting:

*"Thanks to its solidity, the strength of its diversified and integrated model, and the expertise of our teams, BNP Paribas achieved a very good performance in 2022. This performance reflects our unique positioning as a European leader, which is based on leading platforms to accompany our clients' dynamism and their ability to adapt and, support the economy.*

*On the strength of these results, which confirm the relevance of our 2025 strategic plan, and confident in the Group's ability to continue its disciplined and sustained growth, the Group has revised its objectives upward in all three pillars of its Growth, Technology & Sustainability 2025 plan. We are setting ambitious financial targets and pursuing our technological advances. We are strengthening our commitments to a sustainable economy and are entering a new phase of acceleration in financing the energy transition. We will continue with our clients the transformation effort that already enabled us in 2022 to pivot our financing of energy production towards a majority of low-carbon energies.*

*I would like to thank BNP Paribas teams in all its entities for their constant presence at the side of our clients, who are increasingly numerous in placing their confidence in us."*

Unless otherwise mentioned, the financial information and items contained in this announcement include the activity related to BancWest reflecting an operational view. Such financial information and items therefore do not reflect the effects produced by applying IFRS 5, which pertains to non-current assets and liabilities held for sale. The press release includes in appendix a reconciliation between the operational view presented without applying IFRS 5 and the consolidated financial statements based on an application of IFRS 5.

## **VERY SOLID RESULTS DRIVEN BY THE STRENGTH OF BNP PARIBAS' MODEL**

The Group's diversified and integrated model and its ability to support clients and the economy by mobilising teams, resources, and expertise, continued to drive strong growth in business activity and results in 2022.

BNP Paribas' solid model, backed by its long-term approach, generated an increase in net income of 7.5% compared to 2021 (+19.0% excluding exceptional items, which were negative in 2022). This strong, disciplined growth came with a positive jaws effect of 0.7 point (+1.5 point excluding the contribution to the Single Resolution Fund), thanks to recurring cost savings of almost 500 million euros in 2022 and to the effects of the adaptation of the operating model. The Group has a long-term, prudent and proactive risk management policy in place, as illustrated, for example, by a ratio of cost of risk vs. gross operating income that is among the lowest in Europe.

The Group has stepped up its policy of engaging with society. It deploys a comprehensive approach and, alongside its clients, is committed to transitioning towards a sustainable, low-carbon economy. It is also taking the steps necessary to align its loan portfolios to comply with its carbon-neutrality commitments. On the back of the capabilities it has developed through the Low Carbon Transition Group and with loans outstandings in low-carbon energy production almost 20% higher than those for fossil-fuel production<sup>1</sup>, BNP Paribas announced on 24 January 2023 new targets reflecting a very strong acceleration in the financing of low-carbon energies production and a reduction of financing of fossil-fuel production at a 2030 horizon.

<sup>1</sup> See press release issued 24.01.23



All in all, revenues, at 50,419 million euros, rose strongly, by 9.0% compared to 2021 (+6.6% at constant scope and exchange rates).

In the operating divisions, they were up sharply by 10.4% compared to 2021 (+7.8% at constant scope and exchange rates). Revenues at Corporate & Institutional Banking (CIB) increased very sharply, driven by the very good performance of Global Markets and Securities Services and by the rise at Global Banking in an unfavourable market. Revenues at Commercial, Personal Banking & Services (CPBS)<sup>1</sup> grew strongly by 9.3% (+7.2% at constant scope and exchange rates), driven by strong growth in Commercial & Personal Banking (+8.0%) and very strong increase in revenues at specialised businesses (+12.0%). Revenues also rose by 3.0% at Investment & Protection Services (IPS) (+2.4% at constant scope and exchange rates) in an unfavourable market context sustained by strong growth in Private Banking.

The Group's operating expenses, at 33,702 million euros, were up by 8.3% compared to 2021 (+5.3% at constant scope and exchange rates). Operational performance was high and reflected in a positive jaws effect of 0.7 point despite the increased contribution to the Single Resolution Fund (+1.5 point excluding this contribution). Operating expenses include the exceptional impact of restructuring and adaptation costs (188 million euros) as well as IT reinforcement costs (314 million euros) for a total of 502 million euros (292 million euros in 2021).

For 2022, Group operating expenses were impacted by a 398 million euros increase in taxes subject to IFRIC 21 (including the contribution to the SRF<sup>2</sup>) compared to 2021. These taxes stood at 1,914 million euros in 2022, including the contribution to the SRF<sup>2</sup> for 1,256 million euros in 2022 (967 million euros in 2021).

In the operating divisions, operating expenses increased by 8.0% compared to 2021 (+5.2% at constant scope and exchange rates). The jaws effect was very positive (+2.4 points). Operating expenses at CIB rose by 13.6% (+8.1% at constant scope and exchange rates), due particularly to support for growth in activity as well as the impact of the change in scope and exchange rates. The jaws effect was positive (+2.1 points). Operating expenses<sup>1</sup> were up by 6.0% (+4.2% at constant scope and exchange rates) at CPBS, on the back of the growth in business activity and the changes of scope in Commercial & Personal Banking and specialised businesses. The jaws effect was very positive (+3.3 points). Operating expenses<sup>1</sup> were up by 6.0% in Commercial & Personal Banking and by 6.1% in specialised businesses. Lastly, at IPS, operating expenses increased by 3.5% (+2.5% at constant scope and exchange rates), driven mainly by business development and targeted initiatives. The jaws effect was close to 0 at constant scope and exchange rates.

The Group's gross operating income thus came to 16,717 million euros, up strongly by 10.5% compared to 2021 (+9.3% at constant scope and exchange rates).

The cost of risk, at 2,965 million euros, rose slightly by 1.4% compared to 2021. In 2022 it included the exceptional 204-million-euro impact of Poland's "Act on Assistance to Borrowers" in the third quarter 2022. At 31 basis points of customer loans outstanding, the cost of risk stood at a low level. Provisions on non-performing loans (stage 3) were at a low level. Provisions on performing loans (stages 1 and 2) in 2022 came to 463 million euros, with provisions related to the indirect effects of the invasion of Ukraine, higher inflation and interest rates, offset partly by releases of provisions related to the public-health crisis as well as 251-million-euro impact in the fourth quarter 2022 on changes in methods to align with specific European standards.

---

<sup>1</sup> Including 100% of Private Banking in Commercial & Personal Banking (including PEL/CEL effects in France)

<sup>2</sup> Single Resolution Fund



The Group's operating income, at 13,752 million euros, was thus up sharply by 12.7% compared to 2021 (+13.4% at constant scope and exchange rates) on the back of very strong growth in the operating divisions (+18.0%).

Non-operating items came to 698 million euros in 2022 (1,438 million euros in 2021). At 15 million euros, exceptional items decreased very sharply compared to 2021 (952 million euros). In 2022, they reflected the +244-million-euro positive impact of goodwill on bpost bank and a +204 million euros capital gain on the sale of a stake, offset by the -159-million-euro impairment of Ukrsibbank shares and the negative -274-million-euro impact of the reclassification to profit-and-loss of exchange differences<sup>1</sup>. As a reminder, in 2021 they included the exceptional impacts of capital gains realised on the sale of buildings (+486 million euros), on the sale of Allfunds shares<sup>2</sup> (+444 million euros), and on the sale of a BNP Paribas Asset Management stake (+96 million euros), as well as -74 million euros in depreciations.

Pre-tax income increased by 6.0% compared to 2021, to 14,450 million euros (13,637 million euros in 2021).

Corporate income taxes came to 3,853 million euros (3,757 million euros in 2021). The average corporate tax rate was 28.5% (28.7% in 2021). The Group is also a substantial taxpayer with a total amount of taxes and levies of 7.2 billion euros paid in 2022.

The Group's net income attributable to equity holders thus came to 10,196 million euros in 2022, up sharply by 7.5% compared to 2021. Excluding exceptional items, it came to 10,718 million euros, up very sharply by 19.0% compared to 2021.

The return on tangible equity not revaluated was 10.2% and reflected the solid performance of the BNP Paribas Group, driven by the strength of its diversified and integrated model.

As of 31 December 2022, the Common Equity Tier 1 ratio stood at 12.3%<sup>3</sup>. The Group's immediately available liquidity reserve totalled 461 billion euros, equivalent to more than one year of room to manoeuvre in terms of wholesale funding. Its leverage ratio<sup>4</sup> stood at 4.4%.

Tangible net book value<sup>5</sup> per share came to 79.3 euros, equivalent to a compound annual growth rate of 6.7% since 31 December 2008, illustrating continuous value creation throughout economic cycles.

On the strength of this performance and with additional growth potential stemming from the redeployment of capital released by the sale of Bank of the West, combined with the positive impact of the rise in interest rates in 2022, the Group reaffirms the importance and relevance of the pillars of its Growth, Technology & Sustainability 2025 strategic plan and is revising upward its ambitions.

The Group is thus targeting average annual growth in net income (Group share) of more than 9% between 2022 and 2025. Complemented by the execution of share buybacks each year and particularly in 2023, the Group anticipates strong and steady average annual growth in net income per share of more than 12%, or a 40% increase during the 2022-2025 period.

The Group reaffirms its objective of generating a positive jaws effect each year and for an average of 2 points<sup>6</sup>. It reinforces its targeted cumulative recurring cost savings of up to 2.3 billion euros by 2025. The Group thus targets a stepped-up return on tangible equity (ROTE) of around 12% in 2025.

---

<sup>1</sup> Previously recorded in Consolidated Equity

<sup>2</sup> Disposal of 8.69% stake in Allfunds

<sup>3</sup> CRD4, including IFRS 9 transitional arrangements

<sup>4</sup> Calculated in accordance with Regulation (EU) 2019/876

<sup>5</sup> Revaluated

<sup>6</sup> CAGR 2022-2025 Revenues minus CAGR 2022-2025 Operating Expenses, excluding the positive impact of the change of accounting standard (application of IFRS 17 effective 01.01.23)



And, lastly, on the back of its unique positioning, the Group has decided to adjust upward 2023 distributable income by an amount equivalent to the impact of the end of the ramp-up of the Single Resolution Fund on year in advance which is 1 billion euros. Moreover, the Group specifies that the impact of the adjustment of hedges related to changes in terms and conditions decided by the ECB in the fourth quarter 2022 as well as the capital gain related to the sale of Bank of the West will be excluded from 2023 distributable income. The Group thus anticipates a strong increase in 2023 distributable income as per the plan's objective, and growth in net income per share that is higher than the objective, on the back of the 5 billion euros share buyback programmes planned for 2023<sup>1</sup>.

On 1 February 2023, the Group announced the closing of the sale of its Bank of the West, Inc. subsidiary to BMO Financial Group for total consideration of 16.3 billion US dollars. The transaction generated an exceptional (after-tax) capital gain of about 2.9 billion euros, as well as a positive impact on the Group's Common Equity Tier 1 (CET1) ratio of about 170 basis points, or approximatively 11.6 billion euros in Common Equity Tier 1 capital release. The Group intends to redeploy over time and in a very disciplined way the equivalent to approximately 7.6 billion euros in Common Equity Tier 1 capital release with the aim of improving long-term value creation through acceleration of organic growth, targeted investments in technologies and innovative and sustainable business models, and bolt-on acquisitions in value-added businesses, and to launch 4.04 billion euros in extraordinary share buybacks in 2023<sup>1</sup> related to the sale of Bank of the West.

The Board of Directors will propose to the shareholders' Annual General Meeting on 16 May 2023 to pay out a dividend of 3.90 euros in cash, equivalent to a 50% pay-out ratio of 2022 distributable income. This distribution will be raised to 60% of 2022 distributable income, including Bank of the West's 2022 contribution, with the launch of a 962 million euros buyback programme<sup>1</sup>. The Group announced that a request for a first, 2.54-billion-euro tranche of the total 5-billion-euro share buyback programme had been submitted to the European Central Bank (962 million euros related to the ordinary distribution and 1.54 billion euros related to the extraordinary distribution in connection with the sale of Bank of the West).

The Group continues to reinforce its internal control set-up.

In the fourth quarter 2022, revenues, at 12,109 million euros, increased robustly by 7.8% compared to the fourth quarter 2021 (+5.8% at constant scope and exchange rates).

In the operating divisions, revenues rose sharply, by 10.0% (+7.9% at constant scope and exchange rates) compared to the fourth quarter 2021. They increased very strongly, by 18.2% at CIB (+15.2% at constant scope and exchange rates), driven by very good performances of all three businesses: Global Markets (+23.8%), Global Banking (+15.0%) and Securities Services (+12.8%). CPBS<sup>2</sup> revenues were up sharply, by 8.0% (+5.9% at constant scope and exchange rates), driven by the strong increase at Commercial & Personal Banking (+7.9%) and the strong increase in the specialised businesses (+8.3%), particularly at Arval. IPS's revenues increased by 1.6% (+1.0% at constant scope and exchange rates) in an unfavourable market context, driven particularly by the strong growth in Private Banking.

The Group's operating expenses, at 8,473 million euros, were up by 6.8% compared to the fourth quarter 2021 (+4.2% at constant scope and exchange rates). The jaws effect was positive (+1.0 point, +1.7 point at constant scope and exchange rates). They included the exceptional impact of restructuring and adaptation costs (103 million euros) and IT reinforcement costs (85 million euros) for total exceptional items of 188 million euros (82 million in the fourth quarter 2021).

Operating expenses in the operating divisions rose by 8.1% compared to the fourth quarter 2021 (+5.6% at constant scope and exchange rates). The jaws effect was positive (+1.9 point). At CIB they increased by 16.8% (+12.8% at constant scope and exchange rates) in support of business development, and due to the impact of exchange-rate and change in scope. The jaws effect was

<sup>1</sup> Upon customary condition precedents, including ECB authorisations

<sup>2</sup> Including 100% of Private Banking in Commercial & Personal Banking (including PEL/CEL effects in France on revenues)





positive (+1.4 point). Operating expenses at CPBS<sup>1</sup> were up by 5.5% (+3.4% at constant scope and exchange rates) with the growth in activity and scope effects in Commercial & Personal Banking and specialised businesses. The jaws effect was very positive (+2.5 points). At IPS, operating expenses decreased by 0.6% (-1.5% at constant scope and exchange rates). The jaws effect was very positive (+2.1 points).

The Group's gross operating income came to 3,636 million euros, up sharply by 10.1% (+9.9% at constant scope and exchange rates).

The cost of risk came to 773 million euros (510 million euros in the fourth quarter 2021). It stood at a low level (31 basis points of customer loans outstanding), reflecting a decrease in the cost of risk on non-performing loans (stage 3) and the release of provisions on performing loans (stages 1 & 2), due mainly to the effects of the changes in methods to align with specific European standards.

The Group's operating income, at 2,863 million euros, increased by 2.5% compared to the fourth quarter 2021 (+5.7% at constant scope and exchange rates).

The Group's non-operating items came to 74 million euros (378 million euros in the fourth quarter 2021). It booked no exceptional items this quarter. As a reminder, in the fourth quarter 2021 the Group booked the impact of the 184-million-euro capital gain on the sale of buildings and the positive impact of depreciations for a total of 75 million euros.

Pre-tax income, at 2,937 million euros, thus fell by 7.3% (-5.4% at constant scope and exchange rates) reflecting the steep decline in exceptional items.

The Group's net income attributable to equity holders came to 2,150 million euros, down by 6.7% compared to the fourth quarter 2021, due to the decrease in exceptional items compared to the fourth quarter 2021. Excluding exceptional items, it stood at 2,289 million euros, up sharply by 7.3% compared to the fourth quarter 2021.

\*  
\* \*

---

<sup>1</sup> Including 100% of Private Banking in Commercial & Personal Banking (including PEL/CEL effects in France on revenues)

**CORPORATE & INSTITUTIONAL BANKING (CIB)**

For the whole of 2022, CIB achieved very good results, driven by strong client activity. Its business drive was robust and leveraged the efficiency of the diversified and integrated model.

CIB confirmed its EMEA<sup>1</sup> leadership in syndicated loans, bond issuances, in Transaction Banking (cash management and trade finance), as well as on multi-dealer electronic platforms.

Client demand was strong on the markets, particularly in rates, foreign exchange, emerging markets and commodity derivatives. The level in client demand was good in Equities. Financing led for clients on primary markets worldwide (syndicated loan markets, bond and equity issuances) held up well, amid a market that shrank by 17% compared to 2021<sup>2</sup>. Securities Services achieved strong business drive with a high level of transactions.

At 16,465 million euros, CIB revenues rose sharply by 15.7% (+11.3% at constant scope and exchange rates) compared to 2021, with a very good performance in Global Banking in an unfavourable context (+2.6%), a very strong increase in Global Markets (+27.0%) and solid growth at Securities Services (+11.0%).

In an unfavourable context, Global Banking revenues rose by 2.6% compared to 2021, to 5,218 million euros. The level of activity was good with a very strong rebound in the fourth quarter 2022, thanks to the diversified model. In an unfavourable market context, Capital Markets held up well in EMEA<sup>1</sup> (-12.5%). Transaction Banking revenues rose very sharply (+30.0%), particularly in cash management, and mergers & acquisitions fared especially well in EMEA<sup>1</sup>. The growth was strong in the Asia-Pacific region. At 188 billion euros<sup>3</sup>, loans outstanding were up sharply by 10.5%<sup>3</sup> compared to the fourth quarter 2021. At 219 billion euros<sup>3</sup>, deposits rose strongly by 11.9%<sup>3</sup> compared to the fourth quarter 2021.

Driven by strong client demand, Global Markets revenues, at 8,660 million euros, rose very strongly, by 27.0% compared to 2021. FICC<sup>4</sup> revenues, at 5,234 million euros, rose very sharply, by 32.6%, thanks to very strong client demand, related particularly to reallocation and hedging needs in rates and forex products, emerging markets and commodity derivatives. The context was less favourable to primary activities and credit. Equity & Prime Services revenues, at 3,426 million euros, rose by 19.3%, driven by robust client activity, particularly in equity derivatives and a good contribution from prime services. VaR (1 day, 99%), which measures market risks, stood at a low level and decreased slightly compared to the third quarter 2022, thanks to prudent management and the decrease in commodities. It stood at 33 million euros.

Backed by new mandates in Europe and by very good momentum in Private Capital, business drive was very good at Securities Services and benefited from its diversified model. At 2,587 million euros, revenues at Securities Services were up sharply by 11.0% compared to 2021, thanks to a strong increase in transactions fees and the favourable impact of the interest-rate environment. Transaction volumes were up very strongly at Securities Services (+8.6% compared to 2021). The level of average outstandings held up well (-3.0% compared to 31 December 2021) in an unfavourable market context. Securities Services continues to transform its operating model. Its merger with BNP Paribas S.A. has been effective since 1 October 2022. It also contributed its issuer service activities in France to the Uptevia entity on 1 January 2023.

Operating expenses at CIB, at 10,753 million euros, were up by 13.6% compared to 2021, in relation with the strong development of activity and the exchange-rate effect (+8.1% at constant scope and exchange rates). The jaws effect was positive (+2.1 points).

At 5,712 million euros, gross operating income at CIB increased by 19.8% compared to 2021.

<sup>1</sup> Europe, Middle East, Africa

<sup>2</sup> Source: Dealogic as at 31.12.22, bookrunner in volume

<sup>3</sup> Average outstandings, change at constant scope and exchange rates

<sup>4</sup> Fixed Income, Currency and Commodities



CIB's cost of risk stood at 325 million euros, and Global Banking's at 336 million euros (201 million euros in 2021). At 19 basis points of customer loans outstanding, it is at a low level, reflecting a decrease in provisions on non-performing loans (stage 3) while provisions on performing loans compares with releases in 2021.

CIB thus achieved pre-tax income of 5,398 million euros, up sharply by 16.0% compared to 2021.

In the fourth quarter 2022, CIB revenues, at 3,858 million euros, rose very sharply by 18.2% compared to the fourth quarter 2021 (+15.2% at constant scope and exchange rates), driven by very strong growth in all three businesses: Global Banking (+15.0%), Global Markets (+23.8%) and Securities Services (+12.8%).

Global Banking's revenues, at 1,522 million euros, were up sharply by 15.0% compared to the fourth quarter 2021 (+11.5% at constant scope and exchange rates), a very good performance despite an unfavourable environment. The business line benefited particularly from strong positions in transaction banking activities, particularly in cash management, sustained by a very favourable interest-rate environment. The increase in revenues was very strong in the Asia-Pacific region.

At 1,657 million euros, Global Markets' revenues were up very sharply, by 23.8% compared to the fourth quarter 2021. FICC<sup>1</sup> revenues rose by 44.8% to 1,094 million euros, driven by the very strong increase in demand for rate and forex products, emerging markets and commodities. Client demand was less buoyant this quarter on the equity markets, particularly in derivatives. Equity & Prime Services decreased by 3.4% compared to the fourth quarter 2021 and stood at 563 million euros.

At 679 million euros, Securities Services revenues rose steeply by 12.8% compared to the fourth quarter 2021, driven by the steep rise in transaction volumes and the favourable impact of the interest-rate environment.

CIB's operating expenses, at 2,743 million euros, were up by 16.8% compared to the fourth quarter 2021, in relation with faster growth in activity particularly in the fourth quarter and with the forex impact (+12.8% at constant scope and exchange rates). CIB achieved a positive jaws effect (+1.4 point). All three business lines also generated positive jaws effects: Global Banking (+1.6 point), Global Markets (+2.9 points), and Securities Services (+2.1 points).

At 1,115 million euros, gross operating income at CIB was thus up sharply by 21.8% compared to the fourth quarter 2021.

At 157 million euros, CIB's cost of risk rose compared to the fourth quarter 2021, which was marked by releases of provisions.

CIB thus achieved pre-tax income of 952 million euros, down by 5.0% compared to the fourth quarter 2021, due to the release of provisions booked in the fourth quarter 2021.

\*  
\* \*

<sup>1</sup> Fixed Income, Currency and Commodities



**COMMERCIAL, PERSONAL BANKING & SERVICES (CPBS)**

For the whole of 2022, CPBS results grew very strongly, driven up by strong business drive, along with a very positive jaws effect.

At 671 billion euros, loans outstanding increased by 7.0% compared to 2021 and were up sharply in all business lines. At 646 billion euros, deposits rose sharply by 6.6% compared to 2021 and were up across all customer segments. Private Banking achieved very strong net asset inflows of 10.7 billion euros in 2022.

Revenues<sup>1</sup>, at 28,301 million euros, rose sharply by 9.3% compared to 2021. They were up sharply by 8.0% in Commercial & Personal Banking, driven by a strong growth in net interest income and by increased fees, and up very sharply by 12.0% at specialised businesses, driven up by Arval.

Operating expenses<sup>1</sup>, at 17,928 million euros, were up by 6.0% compared to 2021 (+4.2% at constant scope and exchange rates). The jaws effect was very positive (+3.3 points).

Gross operating income<sup>1</sup>, at 10,373 million euros, was up sharply by 15.5% compared to 2021.

At 2,452 million euros, the cost of risk<sup>1</sup> decreased by 5.6% compared to 2021.

As a result, after allocating one third of Private Banking's net income to Wealth Management (Investment & Protection Services division), CPBS achieved pre-tax income<sup>2</sup> of 8,000 million euros, up very sharply by 24.1% compared to 2021.

In the fourth quarter 2022, revenues<sup>1</sup>, at 7,028 million euros, rose sharply, by 8.0% (+5.9% at constant scope and exchange rates) compared to the fourth quarter 2021, thanks to the strong growth in Commercial & Personal Banking (+7.9%), driven by the growth in net interest income and by a strong gain in revenues at specialised businesses (+8.3%), at Arval particularly.

Operating expenses<sup>1</sup> rose by 5.5% compared to the fourth quarter 2021 (+3.4% at constant scope and exchange rates), to 4,487 million euros, driven by strong business activity and the impact of change in scope in Commercial & Personal Banking and the specialised businesses. The jaws effect was very positive (+2.5 points).

Gross operating income<sup>1</sup> thus came to 2,542 million euros and rose by 12.8% compared to the fourth quarter 2021.

The cost of risk<sup>1</sup> rose by 13.3% compared to the fourth quarter 2021 to 676 million euros.

As a result, after allocating one third of Private Banking's net income to Wealth Management (Investment & Protection Services division), CPBS achieved pre-tax income<sup>2</sup> of 1,770 million euros, up by 7.3% compared to the fourth quarter 2021.

<sup>1</sup> Including 100% of Private Banking in Commercial & Personal Banking (including PEL/CEL effects in France on revenues)

<sup>2</sup> Including 2/3 of Private Banking in Commercial & Personal Banking (including PEL/CEL effects)

**Commercial & Personal Banking in France (CPBF)**

For the whole of 2022, results were up sharply and growth in business activity was robust. Loans outstanding rose by 4.8% compared to 2021 and were up across all customer segments. Deposits were up by 4.8% compared to 2021 with an increase in all customer segments. Off-balance sheet savings decreased by 3.8% compared to 31 December 2021 in an unfavourable market context. Private Banking attracted very strong net asset inflows of 6.2 billion euros, mainly through external client acquisition and synergies with entrepreneurs.

Revenues<sup>1</sup> amounted to 6,680 million euros, up strongly, by 6.6% compared to 2021. Net interest income<sup>1</sup> rose sharply, by 4.9%, driven by a favourable environment and the contribution of specialised subsidiaries. Fees<sup>1</sup> were up sharply by 8.5% compared to 2021, with an increase in all customer segments.

At 4,698 million euros, operating expenses<sup>1</sup> were up by 3.1% compared to 2021, due to business development and the ongoing impact of cost-control measures. The jaws effect was very positive (+3.5 points).

Gross operating income<sup>1</sup> totalled 1,982 million euros, up very sharply, by 15.7% compared to 2021.

The cost of risk<sup>1</sup> stood at 237 million euros, an improvement of 204 million euros compared to 2021. At 11 basis points of customer loans outstanding, it was at a low level with a decrease in the cost of risk on non-performing loans (stage 3) and a release of provisions on performing loans (stages 1 and 2), due particularly to the impact of a change in method in the fourth quarter 2022 (-163 million euros) to align with specific European standards.

As a result, after allocating one third of Private Banking's net income in France to Wealth Management (Investment & Protection Services division), CPBF achieved pre-tax income<sup>2</sup> of 1,613 million euros up very sharply by 36.5% compared to 2021.

In the fourth quarter 2022, revenues<sup>1</sup> came to 1,670 million euros, up by 3.9% compared to the fourth quarter 2021. Net interest income<sup>1</sup> increased by 2.0%, on the back of the positive impact of the interest-rate environment despite the impact of the gradual adjustment in loan margins. Fees<sup>1</sup> increased by 6.1% particularly in the corporate segment. Operating expenses<sup>1</sup>, at 1,210 million euros, increased by 2.7% compared to the fourth quarter 2021, driven by business development but contained by the effect of cost-saving measures. The jaws effect was positive (+1.2 point). Gross operating income<sup>1</sup> came to 460 million euros, up by 7.1% compared to the fourth quarter 2021. The cost of risk<sup>1</sup> had a release of 21 million euros (vs. a provision of 99 million euros in the fourth quarter 2021), due to the release of provisions for 163 million euros on performing loans (stages 1 & 2), due, in turn to changes in method to align with specific European standards. The cost of risk thus came to -4 basis points of customer loans outstanding. As a result, after allocating one third of Private Banking's net income in France to Wealth Management (Investment & Protection Services division), CPBF achieved pre-tax income<sup>2</sup> of 433 million euros, up very sharply by 54.5% compared to the fourth quarter 2021.

<sup>1</sup> Including 100% of Private Banking, including PEL/CEL effects on revenues (+€46m in 2022, +€29m in 2021; +€8m in the fourth quarter 2022, +€6m in the fourth quarter 2021)

<sup>2</sup> Including 2/3 of Private Banking (including PEL/CEL effects)

**BNL banca commerciale (BNL bc)**

For the whole of 2022, business activity of BNL bc was good and it saw the ongoing benefits from the transformation of its operating model. Loans outstanding were up by 2.1% compared to 2021 and by 4.1% when excluding non-performing loans, driven by the increase in mortgage loans and in factoring. Deposits rose by 8.5% compared to 2021 and were up sharply in all customer segments, corporates particularly. Off-balance sheet savings decreased by 8.6% compared to 31 December 2021 in an unfavourable market context.

At 2,634 million euros, revenues<sup>1</sup> decreased by 1.7% compared to 2021 (-0.1% at constant scope<sup>2</sup>). Net interest income<sup>1</sup> was down by 1.3%. The positive impact of the interest-rate environment on deposits was offset by the gradual adjustment of loan margins. Fees<sup>1</sup> decreased by 2.2% but rose by 1.5% at constant scope<sup>2</sup>, thanks to an increase in banking fees, particularly in corporates, offset partly by lower financial fees.

Operating expenses<sup>1</sup>, at 1,735 million euros, decreased by 2.5% compared to 2021 (-0.5% at constant scope and exchange rates), thanks to the impact of the transformation of the operating model and adaptation measures (the “Quota 100” retirement plan). The jaws effect was positive (+0.8 point).

Gross operating income<sup>1</sup> thus came to 899 million euros, almost unchanged compared to 2021.

The cost of risk<sup>1</sup> stood at 465 million euros, an improvement of 22 million euros compared to 2021. At 58 basis points of customer loans outstanding, it was low and reflects lower provisions of non-performing loans (stage 3) compared to 2021.

As a result, after allocating one third of Private Banking’s net income in Italy to Wealth Management (Investment & Protection Services division), BNL bc achieved pre-tax income<sup>3</sup> of 410 million euros, up by 8.8% compared to 2021.

In the fourth quarter 2022, revenues<sup>1</sup> stood at 656 million euros, down by 1.9% compared to the fourth quarter 2021 (stable at constant scope<sup>2</sup>). Net interest income<sup>1</sup> decreased by 0.2%. The positive impact of the interest-rate environment on deposits is offset by the effect of the gradual adjustment in loan margins. Fees<sup>1</sup> decreased by 3.9% but rose at constant scope<sup>2</sup> (+0.3%), supported by higher banking fees, which were partly offset by lower financial fees. At 426 million euros, operating expenses<sup>1</sup> decreased by 2.9% (-0.5% at constant scope and exchange rates), thanks mainly to the effects of the transformation of the operation model and adaptation measures (the “Quota 100” retirement plan). The jaws effect was positive (+1.0 point). Gross operating income<sup>1</sup> was almost unchanged at 230 million euros. At 114 million euros, the cost of risk<sup>1</sup> improved by 28 million euros. It is still at a low level (at 57 basis points of customer loans outstanding) and reflected a decrease in provisions on non-performing loans (stage 3). As a result, after allocating one third of Private Banking’s net income in Italy to Wealth Management (Investment & Protection Services division), BNL bc achieved pre-tax income<sup>3</sup> of 111 million euros, up very sharply by 41.8% compared to the fourth quarter 2021.

<sup>1</sup> Including 100% of Private Banking

<sup>2</sup> Divestment in a business on 02.01.22

<sup>3</sup> Including 2/3 of Private Banking

**Commercial & Personal Banking in Belgium (CPBB)**

For the whole of 2022, CPBB achieved strong growth in its business activity. Loans outstanding increased by 14.8% compared to 2021 (+7.5% at constant scope<sup>1</sup>) driven by the steep rise in loans to individuals and particularly mortgage loans with the significant contribution of bpost bank (+8.4 billion euros). Corporate loans rose strongly (+12.7% compared to 2021). Growth in deposits accelerated with the consolidation of bpost bank (+11.3 billion euros), and deposits thus rose by 9.2% compared to 2021 (+1.2% at constant scope and exchange rates). Off-balance sheet savings decreased by 7.6% compared to 31 December 2021, in an unfavourable market context. Private Banking achieved good net asset inflows of 2.1 billion euros.

At 3,764 million euros, revenues<sup>2</sup> increased strongly by 7.3% compared to 2021. Net interest income<sup>2</sup> was up sharply, by 8.9%, supported by all customer segments. Fees<sup>2</sup> were up by 3.6% compared to 2021, driven by higher banking fees, which were supported, in turn, by transaction banking and corporate clients, and offset partly by the decrease in financial fees.

Operating expenses<sup>2</sup>, at 2,615 million euros, were up by 9.7% compared to 2021 (+4.0% at constant scope<sup>1</sup>), in relation with business development and the impact of inflation, partly offset by the impact of cost-savings and network-optimisation measures.

Gross operating income<sup>2</sup> totalled 1,149 million euros, a 2.1% increase.

The cost of risk<sup>2</sup> improved by 63 million euros in 2022, to 36 million euros, or 3 basis points of customer loans outstanding, a very low level.

After allocating one third of Private Banking income in Belgium to Wealth Management (Investment & Protection Services division), pre-tax income<sup>3</sup> at CPBB rose by 7.8% compared to 2021 and stood at 1,049 million euros.

In the fourth quarter 2022, revenues<sup>2</sup> increased by 10.9% compared to the fourth quarter 2021 (+4.3% at constant scope and exchange rates) and reached 947 million euros. Net interest income<sup>2</sup> rose sharply by 15.9% (+6.5% at constant scope and exchange rates), with expansion in deposits amplified by the consolidation of bpost bank in a favourable interest-rate environment. Fees<sup>2</sup> rose by 0.2%, driven by higher banking fees, which were partially offset by lower financial fees. At 598 million euros, operating expenses<sup>2</sup> increased by 10.8% compared to the fourth quarter 2021 (+4.0% at constant scope and exchange rates), driven by support for business development and inflation and partially offset by cost-savings and optimisation measures. The jaws effect was positive. Gross operating income<sup>2</sup> increased by 11.0%, to 348 million euros. The cost of risk<sup>2</sup> came to 20 million euros compared to a release of 28 million euros in the fourth quarter 2021. At 6 basis points, it was very low. As a result, after allocating one third of Private Banking's net income in Belgium to Wealth Management (Investment & Protection Services division), CPBB achieved pre-tax income<sup>3</sup> of 303 million euros, down by 7.2% compared to the fourth quarter 2021, reflecting the increase in the cost of risk.

<sup>1</sup> Consolidation of bpost bank, effective 01.01.22

<sup>2</sup> Including 100% of Private Banking

<sup>3</sup> Including 2/3 of Private Banking

**Commercial & Personal Banking in Luxembourg (CPBL)**

For the whole of 2022, business drive was very good. Loans outstanding increased by 6.4% compared to 2021 and were up in all customer segments. Deposits rose by 7.2% compared to 2021. Off-balance sheet savings were down by 14.4% compared to 31 December 2021, due to market performances.

At 475 million euros, revenues<sup>1</sup> increased strongly by 11.2% compared to 2021. Net interest income<sup>1</sup> was up sharply by 11.3%, driven by increased volumes and solid margins on deposits with corporate clients. Fees<sup>1</sup> were up by 10.8% compared to 2021, driven by banking fees and corporate clients.

Operating expenses<sup>1</sup>, at 275 million euros, were kept under control (+2.4% compared to 2021). The jaws effect was very positive (+8.8 points).

Gross operating income<sup>1</sup>, at 200 million euros, was up sharply by 26.1% compared to 2021.

The cost of risk<sup>1</sup> had a release of 19 million euros in 2022 and a release of 2 million euros in 2021.

As a result, after allocating one third of Private Banking's net income in Luxembourg to Wealth Management (Investment & Protection Services division), pre-tax income<sup>2</sup> at CPBL was up very sharply by 43.7% compared to 2021 and reached 216 million euros.

In the fourth quarter 2022, revenues<sup>1</sup> rose sharply by 15.2% compared to the fourth quarter 2021 to 130 million euros. Net interest income<sup>1</sup> increased sharply, by 21.4% compared to the fourth quarter 2021. Fees<sup>1</sup> decreased by 5.5%. At 67 million euros, operating expenses<sup>1</sup> increased by 5.0% compared to the fourth quarter 2021. The cost of risk<sup>1</sup> had a release of 9 million euros (3 million euros in the fourth quarter 2021). After allocating one third of Private Banking income in Luxembourg to Wealth Management (Investment & Protection Services division), CPBL thus achieved pre-tax income<sup>2</sup> of 70 million euros, up by 39.3% (50 million euros in the fourth quarter 2021).

**Europe-Mediterranean**

For the whole of 2022, Europe-Mediterranean's business drive was good. Loans outstanding increased by 17.7%<sup>3</sup> compared to 2021, driven particularly by higher volumes in corporate clients, particularly in Poland. Origination was prudent particularly in individual customers in Poland and Türkiye. Deposits rose by 21.8%<sup>3</sup> compared to 2021 and were up in Poland and Türkiye, particularly from corporate clients. Europe-Mediterranean continued its digitalisation drive and its transformation. Sales of its businesses in sub-Saharan Africa are in the process of closing.

At 2,346 million euros, revenues<sup>1</sup>, rose sharply, by 32.5%<sup>4</sup> compared to 2021, driven by a strong increase in net interest income<sup>1</sup> on deposits despite the impact of negative items linked to loans in the fourth quarter 2021 and in the fourth quarter 2022 in Poland.

Operating expenses<sup>1</sup>, at 1,649 million euros, increased by 11.3%<sup>4</sup> compared to 2021, driven particularly by high wage inflation. The jaws effect was very positive (+21.2 points<sup>4</sup>).

Gross operating income<sup>1</sup>, at 697 million euros, rose by 139.4%<sup>4</sup> compared to 2021.

At 153 million euros, the cost of risk<sup>1</sup> increased by 9 million euros compared to 2021. It stood at 41 basis points of customer loans outstanding, a low level that reflects the decrease in provisions on non-performing loans (stage 3).

After allocating one third of Private Banking income in Türkiye and in Poland to Wealth Management (Investment & Protection Services division), Europe-Mediterranean thus achieved pre-tax income<sup>2</sup>

<sup>1</sup> Including 100% of Private Banking

<sup>2</sup> Including 2/3 of Private Banking

<sup>3</sup> At constant scope and exchange rates

<sup>4</sup> At constant scope and exchange rates excluding Türkiye at historical exchange rates in accordance with IAS 29





of 817 million euros, more than doubling compared to 2021. In 2022 it achieved an overall positive impact from the effects induced by the hyperinflation situation in Türkiye<sup>1</sup> (-6 million euros).

In the fourth quarter 2022, revenues<sup>2</sup>, at 534 million euros, rose very sharply by 35.5%<sup>3</sup>, driven by the strong growth of net interest income<sup>2</sup> on deposits and despite the negative items linked to loans in the fourth quarter 2021 and in the fourth quarter 2022 in Poland. Operating expenses<sup>2</sup>, at 417 million euros, increased by 17.2%<sup>3</sup> compared to the fourth quarter 2021. The jaws effect was very positive (+18.4 points<sup>3</sup>). Gross operating income<sup>2</sup> doubled<sup>3</sup> compared to the fourth quarter 2021, reaching 118 million euros. The cost of risk<sup>2</sup> improved by 22 million euros (10 million euros in the fourth quarter 2022). It stood at 11 basis points of customer loans outstanding, a very low level that reflected a moderate release of provisions on performing loans (stages 1 and 2). After allocating one third of Private Banking income in Türkiye and in Poland to Wealth Management (Investment & Protection Services division), Europe-Mediterranean thus achieved pre-tax income<sup>4</sup> of 122 million euros (63 million euros in the fourth quarter 2021). The overall impact of the effects induced by the hyperinflation situation<sup>1</sup> in Türkiye was limited in the fourth quarter 2022 (-4 million euros).

### **BancWest**

For the whole of 2022, BancWest maintained good business drive. Loans outstanding were up by 3.8%<sup>3</sup> compared to 2021, driven by a strong increase in mortgage and corporate loans. Deposits were down by 6.0%<sup>3</sup>, including a decrease in customer deposits<sup>5</sup> (-6.0%<sup>3</sup>) and a decline in money-market deposits. Assets under management in Private Banking reached 18.7 billion dollars as at 31 December 2022.

The Group announced the closing of the sale of Bank of the West, Inc. to BMO Financial Group on 1 February 2023.

Revenues<sup>2</sup>, at 2,731 million euros, increased by 0.2%<sup>3</sup> compared to 2021, due to an increase in net interest income, driven by an improvement in the margin and increased volumes and a good performance in banking fees.

Operating expenses<sup>2</sup> grew by 8.5%<sup>3</sup>, to 2,061 million euros, in connection with targeted projects.

Gross operating income<sup>2</sup>, at 670 million euros, decreased by 18.7%<sup>3</sup> compared to 2021.

The cost of risk<sup>2</sup> had a release of 39 million euros, or -7 basis points of customer loans outstanding, due to releases of provisions (stages 1 and 2) particularly in the first quarter 2022.

As a result, after allocating one third of Private Banking's net income in the United States to Wealth Management (Investment & Protection Services division), BancWest achieved pre-tax income<sup>4</sup> of 660 million euros, down by 24.1%<sup>3</sup> compared to 2021.

In the fourth quarter 2022, revenues<sup>2</sup>, at 722 million euros, were up by 3.2%<sup>3</sup> compared to the fourth quarter 2021, in connection with the steep increase in net interest income. Operating expenses<sup>2</sup>, at 525 million euros, increased by 3.2%<sup>3</sup>, driven notably by targeted projects. Gross operating income<sup>2</sup> thus came to 197 million euros, up by 3.3%<sup>3</sup> compared to the fourth quarter 2021. The cost of risk<sup>2</sup> came to 76 million euros, compared to the fourth quarter 2021 which registered strong releases of provisions on performing loans (stages 1 and 2) related to the public-health crisis. As a result, after allocating one third of Private Banking's net income in the United States to Wealth Management (Investment & Protection Services division), BancWest achieved pre-tax income<sup>4</sup> of 104 million euros in the fourth quarter 2022, down by 51.9%<sup>3</sup> compared to the fourth quarter 2021 due to the change in the cost of risk.

<sup>1</sup> Application of IAS 29 standards "Financial Reporting in Hyperinflationary Economies" and efficiency of the hedging with CPI linkers taken into account and recognised in "Other non-operating items"

<sup>2</sup> Including 100% of Private Banking

<sup>3</sup> At constant scope and exchange rates excluding Türkiye at historical exchange rates in accordance with IAS 29

<sup>4</sup> Including 2/3 of Private Banking

<sup>5</sup> Deposits excluding treasury activities

**Specialised businesses – Personal Finance**

For the whole of 2022, loans outstanding rose by 3.5% compared to 2021 (after including 50% of Floa's loans outstanding, in the amount of 1 billion euros, effective 1 February 2022) and by 2.5% otherwise. Personal Finance is transforming and adapting its activities.

Revenues, at 5,387 million euros, rose by 3.3% compared to 2021 (+0.3% at constant scope and exchange rates), driven by increased volumes, offset partly by strong pressure on margins.

Operating expenses, at 2,922 million euros, rose by 4.2% compared to 2021 (+1.4% at constant scope and exchange rates), driven by targeted projects and support of business development.

Gross operating income came to 2,465 million euros (+2.2% compared to 2021).

At 1,373 million euros, the cost of risk increased by 59 million euros compared to 2021. At 143 basis points of customer loans outstanding, the cost of risk was low. It registered a decrease in provisions on non-performing loans (stage 3) and benefited from the structural improvement of the risk profile linked to the change in the product mix, particularly the increase in the share of auto loans.

Pre-tax income at Personal Finance thus came to 1,121 million euros, down by 4.6% compared to 2021.

In the fourth quarter 2022, revenues, at 1,283 million euros, were down by 0.9% compared to the fourth quarter 2021 (-4.0% at constant scope and exchange rates), due to strong pressure on margins. Operating expenses, at 739 million euros, increased by 4.1% compared to the fourth quarter 2021 (+0.7% at constant scope and exchange rates) in connection with support for targeted projects. Gross operating income decreased by 7% compared to the fourth quarter 2021 and stood at 544 million euros. The cost of risk at 413 million euros, rose by 19.2% compared to the fourth quarter 2021 and stood at 170 basis points this quarter. Provisions on non-performing loans decreased compared to the fourth quarter 2021. Provisions were booked on performing loans (stages 1 & 2). Pre-tax income at Personal Finance thus totalled 111 million euros, down by 57.0% compared to the fourth quarter 2021 (-50.2% at constant scope and exchange rates) driven by the increase in the cost of risk and the lower contribution by associates compared to a high basis of comparison in the fourth quarter 2021.

**Specialised businesses – Arval & Leasing Solutions**

For the whole of 2022, the specialised businesses Arval and Leasing Solutions achieved a very strong performance.

Arval's financed fleet expanded by 8.3%<sup>1</sup> compared to 2021. Used car prices remained at a very high level. Leasing Solutions' outstandings increased by 3.9%<sup>2</sup> compared to 2021 with good resiliency in commercial momentum.

Revenues rose very strongly, by 28.5% compared to 2021, at 3 438 million euros, on the back of Arval's very good performance, driven by very high used car prices and growth at Leasing Solutions with higher outstandings.

Operating expenses increased by 7.4% compared to 2021, to 1,395 million euros. The jaws effect was very positive (+21.1 points).

Gross operating income rose very sharply, by 48.4% compared to 2021, at 2 043 million euros.

Pre-tax income rose 1.6-fold compared to 2021, to 1,957 million euros.

<sup>1</sup> Increase in the fleet at the end of the period in thousands of vehicles, +5.5% excluding the acquisition of Terberg Business Lease and BCR

<sup>2</sup> At constant scope and exchange rates



In the fourth quarter 2022, revenues, at 858 million euros, rose by 21.0% compared to the fourth quarter 2021, driven by Arval's very good performance on the back of very high used car prices and organic growth in the financed fleet and by the good performance at Leasing Solutions with an increase in its outstandings. Operating expenses, at 347 million euros, increased by 5.8% compared to the fourth quarter 2021. The jaws effect was very positive (+15.3 points) reflecting the capacity for growth at marginal cost. Pre-tax income at Arval and Leasing Solutions rose very sharply, by 38.8% compared to the fourth quarter 2021, reaching 491 million euros. This result includes in the fourth quarter 2022 the +7-million-euro impact of the effects induced by the hyperinflation situation in Türkiye, with the application of IAS 29 on the other non-operating items.

### **Specialised businesses – New Digital Businesses (Nickel, Floa, Lyf) and Personal Investors**

For the whole of 2022, New Digital Businesses and Personal Investors achieved good performances on the whole. Nickel continued its rollout in Europe, with the 2022 launch of its offering in Belgium and Portugal and had reached almost 3.0 million accounts opened as at 31 December 2022<sup>1</sup>. Floa, the French leader in Buy Now Pay Later solutions, the acquisition of which the Group closed on 31 January 2022, had 4.0 million customers. Personal Investors continued to show a high number of orders in an unfavourable market context.

Revenues<sup>2</sup> amounted to 846 million euros, up very strongly, by 13.7% compared to 2021. They also rose strongly in New Digital Businesses, driven by business development. Revenues<sup>2</sup> at Personal Investors were down in an unfavourable market context.

At 578 million euros, operating expenses<sup>2</sup> were up sharply, by 12.8% compared to 2021, driven by the development strategy. The jaws effect was positive (+1.0 point).

Gross operating income<sup>2</sup> rose sharply, by 15.9% compared to 2021, to 268 million euros.

The cost of risk<sup>2</sup> stood at 100 million euros (5 million euros in 2021) and increased in connection with the consolidation of 50% of Floa's contribution, effective 1 February 2022.

As a result, after allocating one third of Private Banking's net income in Germany to Wealth Management (Investment & Protection Services division), pre-tax income<sup>3</sup> of New Digital Businesses and Personal Investors taken together, decreased by 29.4% compared to 2021, to 157 million euros.

In the fourth quarter 2022, revenues<sup>2</sup>, at 228 million euros, increased strongly by 23.6% compared to the fourth quarter 2021, driven by the strong expansion at Nickel and the consolidation of 50% of Floa's contribution, offset by the decrease in revenues at Personal Investors in an unfavourable market context. Operating expenses<sup>2</sup>, at 158 million euros, increased by 10.6% compared to the fourth quarter 2021, driven by development of the New Digital Businesses. The jaws effect was positive (+13.0 points). Gross operating income<sup>2</sup> rose by 68.7% compared to the fourth quarter 2021 to 70 million euros. The cost of risk<sup>2</sup> stood at 42 million euros, including provisions on Floa. As a result, after allocating one third of Private Banking's income in Germany to Wealth Management (Investment & Protection Services division), pre-tax income<sup>3</sup> in New Digital Businesses and Personal Investors declined by 46.6% compared to the fourth quarter 2021 to 25 million euros, due mainly to the cost of risk.

\*  
\* \*

<sup>1</sup> Since inception, total for all countries

<sup>2</sup> Including 100% of Private Banking in Germany

<sup>3</sup> Including 2/3 of Private Banking in Germany



**INVESTMENT & PROTECTION SERVICES (IPS)**

For the whole of 2022, IPS's results were up strongly, driven by a strong level of activity in spite of a lacklustre environment. Net asset inflows were good (+31.9 billion euros) driven particularly by Wealth Management and by positive net inflows into Asset Management. Real Estate and Insurance held up well, driven by good momentum in Savings in France.

Revenues, at 6,670 million euros, increased by 3.0% compared to 2021, driven by the strong increase in revenues in Wealth Management and good growth in Real Estate. Revenues at Asset Management and Insurance were impacted by the market environment.

Operating expenses, at 4,363 million euros, were up by 3.5% compared to 2021, in support of business development and in connection with targeted initiatives. At constant scope and exchange rates, the jaws effect was close to 0.

Gross operating income came to 2,307 million euros, up by 2.2% compared to 2021.

Pre-tax income at IPS thus came to 2,620 million euros, up by 4.8% compared to 2021. In 2022 and 2021, this included the positive impact of capital gains on sales and a good contribution from associates in 2022.

In the fourth quarter 2022, revenues increased by 1.6% compared to the fourth quarter 2021, reaching 1,665 million euros. This increase was driven by the strong increase in revenues in Wealth Management and Principal Investments. Insurance revenues were down, due to the decrease in the financial result, despite the overall improvement in Savings and Protection. Asset Management revenues were driven down by a very unfavourable market environment.

At 1,157 million euros, operating expenses were reduced by 0.6% compared to the fourth quarter 2021, due to cost-control measures. The jaws effect was very positive (+2.1 points).

At 508 million euros, gross operating income was up sharply by 6.8% compared to the fourth quarter 2021.

At 582 million euros, pre-tax income at IPS increased strongly by 8.3% compared to the fourth quarter 2021.

**Inflows and assets under management**

As of 31 December 2022, assets under management<sup>1</sup> came to 1,189 billion euros. They decreased by 6.9% compared to 31 December 2021, due mainly to a very unfavourable market performance of -129.9 billion euros, offset partly by net asset inflows of 31.9 billion euros and a favourable exchange-rate effect of +9.3 billion euros. The other effects were positive (+1.2 billion euros).

In 2022, total net asset inflows reached +31.9 billion euros. Net asset inflows in Wealth Management were very high, driven by Commercial & Personal Banking activity in Europe and particularly in France as well as by activity in Germany and Asia. Inflows into Asset Management were good, thanks to net asset inflows in medium- and long-term vehicles and the rebound in net asset inflows into money-market funds in the fourth quarter 2022. Net asset inflows into Insurance were solid, particularly in unit-linked accounts, as were gross inflows, particularly in France.

As of 31 December 2022, assets under management<sup>1</sup> broke down as follows: 532 billion euros in asset management (Asset Management, Real Estate Investment Management and Principal Investments), 411 billion euros in Wealth Management and 247 billion euros in Insurance.

---

<sup>1</sup> Including distributed assets



## **Insurance**

For the whole of 2022, in an unfavourable market environment, Insurance held up well and its business drive was solid. Gross inflows into Savings reached 22.8 billion euros in 2022, with the vast majority of net asset inflows in unit-linked accounts. Protection continued its growth in France, with a good performance by borrowers' insurance and a strong increase in individual protection and property & casualty. Internationally, Latin America rebounded strongly.

Revenues decreased by 1.9% compared to 2021 to 2,774 million euros, due to the decrease in the financial result in connection with the more pronounced decline in the markets in 2022, despite growth in Savings and Protection.

At 1,558 million euros, operating expenses rose by 1.4% compared to 2021, in support for business development and targeted projects.

At 1,376 million euros, pre-tax income rose by 0.5% compared to 2021, driven by an increase in the contribution by associates compared to a low level in 2021.

In the fourth quarter 2022, Insurance revenues decreased by 7.2% compared to the fourth quarter 2021, to 608 million euros. The good overall performance in Savings and Protection was offset by the impact of the decrease in financial result. At 387 million euros, operating expenses were reduced by 5.7% compared to the fourth quarter 2021, thanks to measures optimising operating expenses. At 253 million euros, pre-tax income decreased by 6.8% compared to the fourth quarter 2021.

## **Wealth and Asset Management (WAM)<sup>1</sup>**

For the whole of 2022, Wealth and Asset Management businesses performed well. Wealth Management achieved strong net asset inflows particularly in Commercial & Personal Banking and with high-net-worth clients. Asset Management also attracted strong net asset inflows, driven by inflows in medium- and long-term vehicles and into money-market funds, with late-year rebound. Real Estate performed well, particularly in Investment Management, Property Management and Advisory in France.

At 3,896 million euros, revenues rose by 6.8% compared to 2021, driven by an increase in Wealth Management, in connection with the growth in net interest income, by the strong increase at Principal Investments revenues, and by increased revenues at Real Estate. Asset Management revenues were impacted by a highly unfavourable market environment.

At 2,806 million euros, operating expenses were up by 4.6% compared to 2021, driven by support for business development at Wealth Management and Real Estate.

Pre-tax income at Wealth and Asset Management thus came to 1,244 million euros, a 10.0% increase compared to 2021. This included the impact of lower capital gains on sales made in 2022, compared to 2021.

In the fourth quarter 2022, revenues increased by 7.4% compared to the fourth quarter 2021, to 1,057 million euros. They were driven by the very good performance at Wealth Management, backed, in turn by strong growth in net interest income and, the very strong increase at Principal Investments, offset by the impact of the unfavourable market environment on Asset Management revenues and a weaker performance by Real Estate, particularly in Advisory. Operating expenses rose by 2.2% compared to the fourth quarter 2021, to 771 million euros. Operating expenses decreased in Asset Management. The jaws effect was very positive (+5.2 points). Pre-tax income at Wealth and Asset Management thus came to 328 million euros, up by 23.7% compared to 2021.

---

<sup>1</sup> Asset Management, Wealth Management, Real Estate and Principal Investments



## **CORPORATE CENTRE**

Corporate Centre's scope now excludes Principal Investments, which has been integrated into Investment & Protection Services.

For the whole of 2022, revenues amounted to -279 million euros in 2022 (308 million euros in 2021). In 2021, they had included a high level of positive non-recurring items and, in particular the +58-million-euro positive impact from the capital gain realised on the sale of a 4.99% stake in SBI Life, the +86-million-euro cumulative accounting impact of a swap set up for the transfer of a business in 2020 and the +91-million-euro impact of a positive, non-recurring item. In 2022, they included the positive +185-million-euro impact of the revaluation of proprietary credit risk included in derivatives (DVA), offset by a negative non-recurring item in the first quarter 2022.

Operating expenses came to 1,067 million euros in 2022, an increase compared to 2021 (903 million euros). In 2022 they included an increase in taxes subject to IFRIC 21, as well as the exceptional impact of restructuring and adaptation costs in the amount of 188 million euros (164 million euros in 2021) and IT reinforcement costs at 314 million euros (128 million euros in 2021).

The cost of risk, at 185 million euros, rose by 26 million euros compared to 2021. It included in the third quarter 2022, the 204-million-euro exceptional impact of the "Act on assistance to borrowers" in Poland.

Other non-operating items came to -59 million euros in 2022 (775 million euros in 2021). They reflect the -159-million-euro impairment of Ukrsibbank shares and the negative -274-million-euro impact of the reclassification to profit-and-loss of exchange differences<sup>1</sup>, offset partly by the positive impact of goodwill related to bpost bank amounting to +244 million euros and a +204 million euros capital gain on the sale of a stake. In 2021, they included the exceptional impact of +486 million euros in capital gains realised on the sale of buildings, a +444-million-euro capital gain on the sale of Allfunds shares<sup>2</sup> and -74 million euros in total impairments.

Pre-tax income at Corporate Centre thus came to -1,567 million euros (+38 million euros in 2021) reflecting the decrease in exceptional items in 2022.

In the fourth quarter 2022, revenues came to -249 million euros (-5 million euros in the fourth quarter 2021). They included the -16-million-euro impact of the revaluation of proprietary credit risk included in derivatives (DVA). As a reminder, they included in the fourth quarter 2021 a high level of positive non-recurring items and in particular, the impact of a positive non-recurring item amounting to +91 million euros. Operating expenses came to 190 million euros in the fourth quarter 2022. They included the exceptional impact of restructuring and adaptation costs in the amount of 103 million euros (61 million euros in the fourth quarter 2021) and IT reinforcement costs of 85 million euros (21 million euros in the fourth quarter 2021). The cost of risk had a release of 59 million euros, whereas it had been nil in the fourth quarter 2021. Other non-operating items came to 51 million euros (247 million euros in the fourth quarter 2021). As a reminder, in the fourth quarter 2021, they included the exceptional impact of +184 million euros in capital gains realised on the sale of buildings and a net write back in impairments to +75 million euros. Pre-tax income of Corporate Centre thus came to -366 million euros (-18 million euros in the fourth quarter 2021).

<sup>1</sup> Previously recorded in Consolidated Equity

<sup>2</sup> Disposal of 8.69% stake in Allfunds



## **FINANCIAL STRUCTURE**

The Group has a very solid financial structure.

The Common Equity Tier 1 ratio stood at 12.3%<sup>1</sup> as at 31 December 2022, up by 20 basis points compared to 30 September 2022, due mainly to the placing of the 2022 third quarter's results into reserves after taking a 60% pay-out ratio into account (including BancWest's contribution for 2022), net of changes in risk-weighted assets (+20 bps). The impact of other effects on the ratio were limited overall.

Since 31 December 2021, the Common Equity Tier 1 ratio has changed mainly due to:

- the placing of the 2022 results into reserves after taking a 60% pay-out ratio into account, net of organic growth in risk-weighted assets (+30 bps),
- the effect of acceleration in growth (-20 bps),
- the impact on Other Comprehensive Income (OCI) of market prices (-40 bps),
- the impacts of the updating of models and regulations<sup>2</sup> (-30 bps).

The leverage ratio<sup>3</sup> stood at 4.4% as at 31 December 2022.

The immediately available liquidity reserve amounted to 461 billion euros as at 31 December 2022, equivalent to more than one year of room to manoeuvre compared to market resources.

---

<sup>1</sup> CRD4, including IFRS9 transitional arrangements

<sup>2</sup> In particular IRB Repair and application of new regulation on currency risk in structural positions and including the effects of the hyperinflation situation in Türkiye

<sup>3</sup> Calculated in accordance with Regulation (EU) 2019/876

**APPLICATION OF IFRS 5 – RECONCILIATION TABLES (UNAUDITED)**

On 20 December 2021, the Group announced the conclusion of an agreement with BMO Financial Group for the sale of 100% of its commercial banking activities in the United States operated by BancWest. The terms of this transaction fall within the scope of application of IFRS 5 relating to groups of assets and liabilities held for sale (see note 7.d Discontinued activities of the Consolidated Financial Statements as at 31.12.22).

The closing of the sale of Bank of the West to BMO Financial Group was made on 1 February 2023.

Unless otherwise mentioned, the financial information and items contained in this announcement include the activity related to BancWest reflecting an operational view. Such financial information and items therefore do not reflect the effects produced by applying IFRS 5, which pertains to non-current assets and liabilities held for sale. The press release includes hereafter a reconciliation between the operational view presented without applying IFRS 5 and the consolidated financial statements based on an application of IFRS 5.

**Consolidated profit and loss account as at 31 December 2022 – Reconciliation table IFRS 5**

BNP PARIBAS

**BNP Paribas Profit and Loss account - Year to 31 Dec. 2022****Application of IFRS 5 - Reconciliation table**

<i>In millions of euros</i>	Year to 31 Dec. 2022 before IFRS 5	Year to 31 Dec. 2022 IFRS 5 impact	Year to 31 Dec. 2022 according to IFRS 5	Year to 31 Dec. 2021 before IFRS 5	Year to 31 Dec. 2021 IFRS 5 impact	Year to 31 Dec. 2021 according to IFRS 5
Net interest income	23,168	(2,337)	20,831	21,209	(1,971)	19,238
Net commission income	10,570	(392)	10,178	10,717	(355)	10,362
Net gain on financial instruments at fair value through profit or loss	9,375	(17)	9,358	7,681	(66)	7,615
Net gain on financial instruments at fair value through equity	154	(16)	138	181	(17)	164
Net gain on derecognised financial assets at amortised cost	(41)	-	(41)	36	(38)	(2)
Net income from insurance activities	4,296	-	4,296	4,332	-	4,332
Net income from other activities	2,897	(26)	2,871	2,079	(26)	2,053
<b>Revenues</b>	<b>50,419</b>	<b>(2,788)</b>	<b>47,631</b>	<b>46,235</b>	<b>(2,473)</b>	<b>43,762</b>
Salary and employee benefit expense	(18,783)	1,178	(17,605)	(17,377)	960	(16,417)
Other operating expenses	(12,347)	651	(11,696)	(11,234)	529	(10,705)
Depreciation, amortisation and impairment of property, plant and equipment and intangible assets	(2,572)	178	(2,394)	(2,500)	156	(2,344)
<b>Gross operating income</b>	<b>16,717</b>	<b>(781)</b>	<b>15,936</b>	<b>15,124</b>	<b>(828)</b>	<b>14,296</b>
Cost of risk	(2,965)	(39)	(3,004)	(2,925)	(46)	(2,971)
<b>Operating income</b>	<b>13,752</b>	<b>(820)</b>	<b>12,932</b>	<b>12,199</b>	<b>(874)</b>	<b>11,325</b>
Share of earnings of equity-method entities	699	-	699	494	-	494
Net gain on non-current assets	(250)	(3)	(253)	853	(19)	834
Goodwill	249	-	249	91	-	91
<b>Pre-tax income</b>	<b>14,450</b>	<b>(823)</b>	<b>13,627</b>	<b>13,637</b>	<b>(893)</b>	<b>12,744</b>
Corporate income tax	(3,853)	137	(3,716)	(3,757)	173	(3,584)
<b>Net income from discontinued activities</b>		<b>686</b>	<b>686</b>		<b>720</b>	<b>720</b>
Net income attributable to minority interests	(401)	-	(401)	(392)	-	(392)
<b>NET INCOME ATTRIBUTABLE TO EQUITY HOLDERS</b>	<b>10,196</b>	<b>-</b>	<b>10,196</b>	<b>9,488</b>	<b>-</b>	<b>9,488</b>



## Balance Sheet as at 31 December 2022 – Reconciliation table IFRS 5



BNP PARIBAS

## BNP Paribas Balance Sheet at 31 December 2022

## Application of IFRS 5 - Reconciliation table

In millions of euros	31/12/2022 before IFRS 5	IFRS 5 Impact	31/12/2022 according to IFRS 5	31/12/2021 according to IFRS 5
<b>ASSETS</b>				
Cash and balances at central banks	321,310	(2,750)	318,560	347,883
Financial instruments at fair value through profit or loss				
Securities	166,918	(841)	166,077	191,507
Loans and repurchase agreements	191,132	(7)	191,125	249,808
Derivative financial Instruments	328,281	(349)	327,932	240,423
Derivatives used for hedging purposes	25,406	(5)	25,401	8,680
Financial assets at fair value through equity				
Debt securities	40,381	(4,503)	35,878	38,906
Equity securities	2,188	-	2,188	2,558
Financial assets at amortised cost				
Loans and advances to credit institutions	32,760	(144)	32,616	21,751
Loans and advances to customers	913,104	(56,084)	857,020	814,000
Debt securities	130,793	(16,779)	114,014	108,510
Remeasurement adjustment on interest-rate risk hedged portfolios	(7,477)	-	(7,477)	3,005
Financial investments of insurance activities	247,403	-	247,403	280,766
Current and deferred tax assets	6,301	(408)	5,893	5,866
Accrued income and other assets	210,698	(1,606)	209,092	179,123
Equity-method investments	6,263	-	6,263	6,528
Property, plant and equipment and investment property	38,921	(453)	38,468	35,083
Intangible assets	4,005	(215)	3,790	3,659
Goodwill	7,989	(2,695)	5,294	5,121
Assets held for sale	-	86,839	86,839	91,267
<b>TOTAL ASSETS</b>	<b>2,666,376</b>	<b>-</b>	<b>2,666,376</b>	<b>2,634,444</b>
<b>LIABILITIES</b>				
Deposits from central banks	3,054	-	3,054	1,244
Financial instruments at fair value through profit or loss				
Securities	99,155	-	99,155	112,338
Deposits and repurchase agreements	234,076	-	234,076	293,456
Issued debt securities	70,460	-	70,460	70,383
Derivative financial instruments	300,582	(461)	300,121	237,397
Derivatives used for hedging purposes	40,308	(307)	40,001	10,076
Financial liabilities at amortised cost				
Deposits from credit institutions	124,978	(260)	124,718	165,699
Deposits from customers	1,082,256	(74,202)	1,008,054	957,684
Debt securities	154,244	(101)	154,143	149,723
Subordinated debt	24,156	-	24,156	24,720
Remeasurement adjustment on interest-rate risk hedged portfolios	(20,201)	-	(20,201)	1,367
Current and deferred tax liabilities	3,138	(84)	3,054	3,103
Accrued expenses and other liabilities	186,842	(1,386)	185,456	145,399
Technical reserves and other insurance liabilities	226,532	-	226,532	254,795
Provisions for contingencies and charges	10,241	(201)	10,040	10,187
Liabilities associated with assets held for sale	-	77,002	77,002	74,366
<b>TOTAL LIABILITIES</b>	<b>2,539,821</b>	<b>-</b>	<b>2,539,821</b>	<b>2,511,937</b>
<b>EQUITY</b>				
Share capital, additional paid-in capital and retained earnings	115,149	-	115,149	108,176
Net income for the period attributable to shareholders	10,196	-	10,196	9,488
<b>Total capital, retained earnings and net income for the period attributable to shareholders</b>	<b>125,345</b>	<b>-</b>	<b>125,345</b>	<b>117,664</b>
Changes in assets and liabilities recognised directly in equity	(3,553)	-	(3,553)	222
<b>Shareholders' equity</b>	<b>121,792</b>	<b>-</b>	<b>121,792</b>	<b>117,886</b>
<b>Minority interests</b>	<b>4,763</b>	<b>-</b>	<b>4,763</b>	<b>4,621</b>
<b>TOTAL EQUITY</b>	<b>126,555</b>	<b>-</b>	<b>126,555</b>	<b>122,507</b>
<b>TOTAL LIABILITIES AND EQUITY</b>	<b>2,666,376</b>	<b>-</b>	<b>2,666,376</b>	<b>2,634,444</b>



## CONSOLIDATED PROFIT AND LOSS ACCOUNT

€m	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
<b>Group</b>								
<b>Revenues</b>	<b>12,109</b>	<b>11,232</b>	<b>+7.8%</b>	<b>12,311</b>	<b>-1.6%</b>	<b>50,419</b>	<b>46,235</b>	<b>+9.0%</b>
incl. Interest Income	6,018	5,169	+16.4%	5,721	+5.2%	23,168	21,209	+9.2%
incl. Commissions	2,746	2,919	-5.9%	2,572	+6.8%	10,570	10,717	-1.4%
Operating Expenses and Dep.	-8,473	-7,930	+6.8%	-7,857	+7.8%	-33,702	-31,111	+8.3%
<b>Gross Operating Income</b>	<b>3,636</b>	<b>3,302</b>	<b>+10.1%</b>	<b>4,454</b>	<b>-18.4%</b>	<b>16,717</b>	<b>15,124</b>	<b>+10.5%</b>
Cost of Risk	-773	-510	+51.6%	-947	-18.3%	-2,965	-2,925	+1.4%
<b>Operating Income</b>	<b>2,863</b>	<b>2,792</b>	<b>+2.5%</b>	<b>3,507</b>	<b>-18.4%</b>	<b>13,752</b>	<b>12,199</b>	<b>+12.7%</b>
Share of Earnings of Equity-Method Entities	96	138	-30.1%	187	-48.4%	699	494	+41.6%
Other Non Operating Items	-22	240	n.s.	40	n.s.	-1	944	n.s.
<b>Pre-Tax Income</b>	<b>2,937</b>	<b>3,170</b>	<b>-7.3%</b>	<b>3,734</b>	<b>-21.3%</b>	<b>14,450</b>	<b>13,637</b>	<b>+6.0%</b>
Corporate Income Tax	-685	-759	-9.7%	-881	-22.2%	-3,853	-3,757	+2.6%
Net Income Attributable to Minority Interests	-102	-105	-2.9%	-92	+10.9%	-401	-392	+2.3%
<b>Net Income Attributable to Equity Holders</b>	<b>2,150</b>	<b>2,306</b>	<b>-6.7%</b>	<b>2,761</b>	<b>-22.1%</b>	<b>10,196</b>	<b>9,488</b>	<b>+7.5%</b>
<b>Cost/Income</b>	<b>70.0%</b>	<b>70.6%</b>	<b>-0.6 pt</b>	<b>63.8%</b>	<b>+6.2 pt</b>	<b>66.8%</b>	<b>67.3%</b>	<b>-0.5 pt</b>

BNP Paribas' financial disclosures for the fourth quarter 2022 and for the year 2022 are contained in this press release and in the presentation attached herewith.

All legally required disclosures, including the Universal Registration document, are available online at <http://invest.bnpparibas.com> in the "Results" section and are made public by BNP Paribas pursuant to the requirements under Article L.451-1-2 of the French Monetary and Financial Code and Articles 222-1 and seq. of the Autorité des Marchés Financiers' general rules.





## 4Q22 – RESULTS BY CORE BUSINESSES

		Commercial, Personal Banking & Services (2/3 of Private Banking)	Investment & Protection Services	CIB	Operating Divisions	Corporate Center	Group
€m							
Revenues		6,835	1,665	3,858	12,358	-249	12,109
	%Change4Q21	+7.9%	+1.6%	+18.2%	+10.0%	n.s.	+7.8%
	%Change3Q22	-1.3%	+2.0%	+1.5%	+0.0%	n.s.	-1.6%
Operating Expenses and Dep.		-4,383	-1,157	-2,743	-8,283	-190	-8,473
	%Change4Q21	+5.5%	-0.6%	+16.8%	+8.1%	-28.3%	+6.8%
	%Change3Q22	+3.7%	+6.5%	+17.1%	+8.2%	-4.5%	+7.8%
Gross Operating Income		2,452	508	1,115	4,075	-438	3,636
	%Change4Q21	+12.4%	+6.8%	+21.8%	+14.1%	+62.7%	+10.1%
	%Change3Q22	-9.1%	-6.8%	-23.4%	-13.3%	+79.1%	-18.4%
Cost of Risk		-690	14	-157	-833	59	-773
	%Change4Q21	+15.4%	+99.0%	n.s.	+63.2%	n.s.	+51.6%
	%Change3Q22	-5.6%	n.s.	+73.8%	+1.6%	n.s.	-18.3%
Operating Income		1,762	522	958	3,242	-379	2,863
	%Change4Q21	+11.3%	+8.2%	-3.8%	+5.9%	+40.9%	+2.5%
	%Change3Q22	-10.4%	-4.6%	-29.9%	-16.4%	+1.8%	-18.4%
Share of Earnings of Equity-Method Entities		69	63	2	134	-38	96
Other Non Operating Items		-62	-3	-8	-73	51	-22
Pre-Tax Income		1,770	582	952	3,303	-366	2,937
	%Change4Q21	+7.3%	+8.3%	-5.0%	+3.6%	n.s.	-7.3%
	%Change3Q22	-15.4%	-7.3%	-30.4%	-19.2%	+3.5%	-21.3%
		Commercial, Personal Banking & Services (2/3 of Private Banking)	Investment & Protection Services	CIB	Operating Divisions	Corporate Center	Group
€m							
Revenues		6,835	1,665	3,858	12,358	-249	12,109
	4Q21	6,334	1,639	3,264	11,237	-5	11,232
	3Q22	6,926	1,632	3,799	12,357	-46	12,311
Operating Expenses and Dep.		-4,383	-1,157	-2,743	-8,283	-190	-8,473
	4Q21	-4,153	-1,164	-2,348	-7,666	-264	-7,930
	3Q22	-4,229	-1,087	-2,343	-7,658	-199	-7,857
Gross Operating Income		2,452	508	1,115	4,075	-438	3,636
	4Q21	2,181	475	915	3,571	-269	3,302
	3Q22	2,697	545	1,456	4,698	-245	4,454
Cost of Risk		-690	14	-157	-833	59	-773
	4Q21	-597	7	80	-510	0	-510
	3Q22	-731	2	-90	-819	-128	-947
Operating Income		1,762	522	958	3,242	-379	2,863
	4Q21	1,583	482	996	3,061	-269	2,792
	3Q22	1,967	547	1,366	3,879	-372	3,507
Share of Earnings of Equity-Method Entities		69	63	2	134	-38	96
	4Q21	70	57	6	134	4	138
	3Q22	120	42	5	168	19	187
Other Non Operating Items		-62	-3	-8	-73	51	-22
	4Q21	-5	-3	1	-7	247	240
	3Q22	5	39	-3	41	-1	40
Pre-Tax Income		1,770	582	952	3,303	-366	2,937
	4Q21	1,648	537	1,003	3,188	-18	3,170
	3Q22	2,092	627	1,369	4,088	-354	3,734
Corporate Income Tax							-685
Net Income Attributable to Minority Interests							-102
Net Income Attributable to Equity Holders							2,150





## 2022 – RESULTS BY CORE BUSINESSES

		Commercial, Personal Banking & Services (2/3 of Private Banking)	Investment & Protection Services	CIB	Operating Divisions	Corporate Center	Group
€m							
<b>Revenues</b>		<b>27,563</b>	<b>6,670</b>	<b>16,465</b>	<b>50,698</b>	<b>-279</b>	<b>50,419</b>
	%Change2021	+9.3%	+3.0%	+15.7%	+10.4%	n.s.	+9.0%
Operating Expenses and Dep.		-17,518	-4,363	-10,753	-32,635	-1,067	-33,702
	%Change2021	+6.0%	+3.5%	+13.6%	+8.0%	+18.2%	+8.3%
<b>Gross Operating Income</b>		<b>10,044</b>	<b>2,307</b>	<b>5,712</b>	<b>18,063</b>	<b>-1,346</b>	<b>16,717</b>
	%Change2021	+15.5%	+2.2%	+19.8%	+14.9%	n.s.	+10.5%
Cost of Risk		-2,458	3	-325	-2,780	-185	-2,965
	%Change2021	-5.0%	n.s.	+88.2%	+0.5%	+16.4%	+1.4%
<b>Operating Income</b>		<b>7,586</b>	<b>2,309</b>	<b>5,387</b>	<b>15,283</b>	<b>-1,531</b>	<b>13,752</b>
	%Change2021	+24.2%	+2.6%	+17.2%	+18.0%	n.s.	+12.7%
Share of Earnings of Equity-Method Entities		433	223	20	676	23	699
Other Non Operating Items		-19	88	-10	58	-59	-1
<b>Pre-Tax Income</b>		<b>8,000</b>	<b>2,620</b>	<b>5,398</b>	<b>16,018</b>	<b>-1,567</b>	<b>14,450</b>
	%Change2021	+24.1%	+4.8%	+16.0%	+17.8%	n.s.	+6.0%
Corporate Income Tax							-3,853
Net Income Attributable to Minority Interests							-401
<b>Net Income Attributable to Equity Holders</b>							<b>10,196</b>



## QUARTERLY SERIES

€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Group</b>								
<b>Revenues</b>	<b>12,109</b>	<b>12,311</b>	<b>12,781</b>	<b>13,218</b>	<b>11,232</b>	<b>11,398</b>	<b>11,776</b>	<b>11,829</b>
<i>incl. Interest Income</i>	6,018	5,721	5,695	5,734	5,169	5,218	5,370	5,452
<i>incl. Commissions</i>	2,746	2,572	2,615	2,637	2,919	2,603	2,640	2,555
Operating Expenses and Dep.	-8,473	-7,857	-7,719	-9,653	-7,930	-7,412	-7,172	-8,597
<b>Gross Operating Income</b>	<b>3,636</b>	<b>4,454</b>	<b>5,062</b>	<b>3,565</b>	<b>3,302</b>	<b>3,986</b>	<b>4,604</b>	<b>3,232</b>
Cost of Risk	-773	-947	-789	-456	-510	-706	-813	-896
<b>Operating Income</b>	<b>2,863</b>	<b>3,507</b>	<b>4,273</b>	<b>3,109</b>	<b>2,792</b>	<b>3,280</b>	<b>3,791</b>	<b>2,336</b>
Share of Earnings of Equity-Method Entities	96	187	251	165	138	131	101	124
Other Non Operating Items	-22	40	-22	3	240	39	302	363
<b>Pre-Tax Income</b>	<b>2,937</b>	<b>3,734</b>	<b>4,502</b>	<b>3,277</b>	<b>3,170</b>	<b>3,450</b>	<b>4,194</b>	<b>2,823</b>
Corporate Income Tax	-685	-881	-1,240	-1,047	-759	-836	-1,193	-969
Net Income Attributable to Minority Interests	-102	-92	-85	-122	-105	-111	-90	-86
<b>Net Income Attributable to Equity Holders</b>	<b>2,150</b>	<b>2,761</b>	<b>3,177</b>	<b>2,108</b>	<b>2,306</b>	<b>2,503</b>	<b>2,911</b>	<b>1,768</b>
<b>Cost/income</b>	<b>70.0%</b>	<b>63.8%</b>	<b>60.4%</b>	<b>73.0%</b>	<b>70.6%</b>	<b>65.0%</b>	<b>60.9%</b>	<b>72.7%</b>
Average loan outstandings (€bn)	881.6	875.3	851.8	828.3	806.4	793.5	787.9	781.9
Average deposits (€bn)	865.7	865.2	842.9	824.7	809.3	796.2	785.4	770.2
Loan outstandings at the beginning of the quarter (used for cost of risk in bp)	988.4	963.7	942.7	903.8	883.0	873.9	866.8	846.9
Cost of risk (in annualised bp)	31	39	33	20	23	32	38	42



€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Corporate and Institutional Banking</b>								
Revenues	3,858	3,799	4,106	4,702	3,264	3,588	3,714	3,670
Operating Expenses and Dep.	-2,743	-2,343	-2,314	-3,353	-2,348	-2,243	-2,042	-2,834
Gross Operating Income	1,115	1,456	1,792	1,349	915	1,346	1,672	836
Cost of Risk	-157	-90	-76	-2	80	-24	-57	-172
Operating Income	958	1,366	1,716	1,347	996	1,322	1,615	664
Share of Earnings of Equity-Method Entities	2	5	9	4	6	9	10	9
Other Non Operating Items	-8	-3	-1	1	1	0	12	11
Pre-Tax Income	952	1,369	1,724	1,353	1,003	1,331	1,637	683
Cost/Income	71.1%	61.7%	56.4%	71.3%	72.0%	62.5%	55.0%	77.2%
Allocated Equity (€bn, year to date)	29.9	29.6	28.9	27.4	26.2	25.8	25.3	25.0
RWA (€bn)	244.0	266.5	260.7	256.2	234.8	236.7	231.8	224.9
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Global Banking</b>								
Revenues	1,522	1,181	1,248	1,268	1,324	1,282	1,238	1,243
Operating Expenses and Dep.	-743	-663	-657	-815	-655	-640	-589	-768
Gross Operating Income	779	518	591	453	669	642	649	475
Cost of Risk	-155	-116	-85	20	72	-24	-64	-185
Operating Income	624	402	505	473	741	618	585	290
Share of Earnings of Equity-Method Entities	1	1	1	1	1	1	9	6
Other Non Operating Items	0	0	0	0	-1	-3	0	0
Pre-Tax Income	626	403	506	474	740	616	594	296
Cost/Income	48.8%	56.1%	52.7%	64.3%	49.5%	49.9%	47.6%	61.8%
Average loan outstandings (€bn)	188	187	176	168	161	156	154	149
Loan outstandings at the beginning of the quarter (€bn) (used for cost of risk in bp)	189	179	170	163	156	153	154	145
Average deposits (€bn)	219	209	198	190	185	184	185	184
Cost of risk (in annualised bp)	33	26	20	-5	-18	6	17	51
Allocated Equity (€bn, year to date)	16.5	16.4	16.0	15.2	14.3	14.0	13.5	13.6
RWA (€bn)	146.3	155.5	149.0	145.3	133.8	137.4	134.5	124.0
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Global Markets</b>								
Revenues	1,657	1,986	2,196	2,821	1,338	1,731	1,904	1,846
incl. FICC	1,094	1,124	1,317	1,700	755	896	1,148	1,149
incl. Equity & Prime Services	563	863	878	1,121	583	835	757	697
Operating Expenses and Dep.	-1,480	-1,167	-1,158	-2,000	-1,224	-1,137	-999	-1,564
Gross Operating Income	177	819	1,038	821	115	594	905	282
Cost of Risk	-3	28	8	-21	10	-2	5	14
Operating Income	174	847	1,046	799	124	592	910	296
Share of Earnings of Equity-Method Entities	1	3	8	2	5	2	5	2
Other Non Operating Items	-9	-1	-1	1	-5	4	2	3
Pre-Tax Income	166	848	1,053	802	125	598	917	302
Cost/Income	89.3%	58.8%	52.7%	70.9%	91.4%	65.7%	52.5%	84.7%
Allocated Equity (€bn, year to date)	12.0	11.8	11.5	10.9	10.7	10.7	10.7	10.4
RWA (€bn)	87.7	99.4	98.5	96.3	89.1	87.4	85.6	90.2
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Securities Services</b>								
Revenues	679	632	663	613	602	575	571	581
Operating Expenses and Dep.	-520	-613	-499	-538	-469	-465	-454	-503
Gross Operating Income	159	119	164	75	132	110	117	78
Cost of Risk	1	-2	0	0	-2	2	2	-1
Operating Income	160	118	164	75	130	112	120	77
Share of Earnings of Equity-Method Entities	-1	1	0	1	0	6	-4	1
Other Non Operating Items	1	-1	0	0	7	-1	10	7
Pre-Tax Income	161	118	164	77	138	117	126	85
Cost/Income	76.6%	81.1%	75.3%	87.7%	78.0%	80.9%	79.4%	86.5%
Assets under custody (€bn)	11,133	10,798	11,214	11,907	12,635	12,273	12,067	11,638
Assets under administration (€bn)	2,303	2,262	2,256	2,426	2,521	2,451	2,388	2,285
Number of transactions (in million)	36.9	35.5	38.3	38.6	35.5	32.8	33.3	35.7
Allocated Equity (€bn, year to date)	1.4	1.4	1.4	1.3	1.2	1.2	1.1	1.1
RWA (€bn)	9.9	11.6	13.2	14.6	11.8	11.8	11.7	10.6



€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Commercial, Personal Banking &amp; Services (including 100% of Private Banking in France, Belgium, Italy, Luxembourg, Poland, Türkiye, the United States and Germany)<sup>1</sup></b>								
Revenues	7,028	7,110	7,184	6,979	6,506	6,485	6,467	6,430
Operating Expenses and Dep.	-4,487	-4,330	-4,263	-4,848	-4,252	-4,046	-4,001	-4,609
Gross Operating Income	2,542	2,780	2,921	2,131	2,253	2,439	2,466	1,821
Cost of Risk	-676	-730	-645	-401	-597	-639	-694	-668
Operating Income	1,866	2,050	2,275	1,730	1,657	1,800	1,771	1,154
Share of Earnings of Equity-Method Entities	69	120	157	86	70	92	73	51
Other Non Operating Items	-62	5	32	6	-5	104	-10	-36
Pre-Tax Income	1,873	2,175	2,464	1,822	1,722	1,996	1,834	1,169
Income Attributable to Wealth and Asset Management	-103	-83	-86	-61	-74	-70	-71	-60
Pre-Tax Income of Commercial, Personal Banking & Services	1,770	2,092	2,378	1,761	1,648	1,926	1,763	1,110
Cost/Income	63.8%	60.9%	59.3%	69.5%	65.4%	62.4%	61.9%	71.7%
Average loan outstandings (€bn)	686	680	667	651	636	628	624	622
Loan outstandings at the beginning of the quarter (used for cost of risk in bp)	685	677	659	643	633	630	624	625
Average deposits (€bn)	647	656	645	634	624	612	600	586
Cost of risk (in annualised bp)	39	43	39	25	38	41	44	43
Allocated Equity (€bn, year to date; including 2/3 of Private Banking in France, Belgium, Italy, Luxembourg, Poland, Türkiye, the United States and RWA (€bn)	47.4	47.0	46.3	44.9	43.3	43.3	43.5	43.8
	427.4	432.7	426.5	422.3	402.8	395.6	393.7	395.3
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Commercial, Personal Banking &amp; Services (including 2/3 of Private Banking in France, Belgium, Italy, Luxembourg, Poland, Türkiye, the United States and Germany)</b>								
Revenues	6,835	6,926	7,001	6,800	6,334	6,321	6,298	6,263
Operating Expenses and Dep.	-4,383	-4,229	-4,168	-4,738	-4,153	-3,954	-3,912	-4,504
Gross Operating Income	2,452	2,697	2,833	2,062	2,181	2,367	2,386	1,759
Cost of Risk	-690	-731	-644	-394	-597	-638	-686	-665
Operating Income	1,762	1,967	2,189	1,669	1,583	1,729	1,700	1,094
Share of Earnings of Equity-Method Entities	69	120	157	86	70	92	73	51
Other Non Operating Items	-62	5	32	6	-5	104	-10	-36
Pre-Tax Income	1,770	2,092	2,378	1,761	1,648	1,926	1,763	1,110
Cost/Income	64.1%	61.1%	59.5%	69.7%	65.6%	62.5%	62.1%	71.9%
Allocated Equity (€bn, year to date)	47.4	47.0	46.3	44.9	43.3	43.3	43.5	43.8
RWA (€bn)	423.1	428.4	422.2	418.1	398.9	391.8	389.9	391.7
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Commercial &amp; Personal Banking (including 100% of Private Banking in France, Belgium, Italy, Luxembourg, Poland, Türkiye and the United States)<sup>1</sup></b>								
Revenues	4,660	4,694	4,702	4,575	4,318	4,379	4,297	4,257
incl. net interest income	3,088	3,115	3,071	2,984	2,745	2,873	2,763	2,798
incl. fees	1,571	1,579	1,630	1,590	1,574	1,507	1,534	1,459
Operating Expenses and Dep.	-3,243	-3,151	-3,065	-3,575	-3,071	-2,959	-2,861	-3,402
Gross Operating Income	1,417	1,542	1,637	1,000	1,247	1,420	1,437	855
Cost of Risk	-191	-334	-265	-43	-219	-280	-316	-313
Operating Income	1,226	1,209	1,372	957	1,028	1,140	1,121	542
Share of Earnings of Equity-Method Entities	75	100	133	70	48	76	78	37
Other Non Operating Items	-54	2	3	6	-12	68	-1	-36
Pre-Tax Income	1,246	1,310	1,508	1,033	1,064	1,283	1,198	542
Income Attributable to Wealth and Asset Management	-103	-83	-86	-61	-73	-70	-71	-59
Pre-Tax Income of Commercial & Personal Banking	1,143	1,227	1,422	972	991	1,214	1,127	483
Cost/Income	69.6%	67.1%	65.2%	78.1%	71.1%	67.6%	66.6%	79.9%
Average loan outstandings (€bn)	537	535	523	510	496	491	486	486
Loan outstandings at the beginning of the quarter (€bn) (used for cost of risk in bp)	562	554	538	525	517	512	508	508
Average deposits (€bn)	616	625	614	604	594	584	573	560
Cost of risk (in annualised bp)	14	24	20	3	17	22	25	25
Allocated Equity (€bn, year to date; including 2/3 of Private Banking in France, Belgium, Italy, Luxembourg, Poland, Türkiye and the United States)	35.3	35.0	34.6	33.5	32.0	31.9	32.0	32.4
RWA (€bn)	315.8	323.8	317.9	315.5	300.5	294.9	291.9	291.3
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Commercial &amp; Personal Banking (including 2/3 of Private Banking in France, Belgium, Italy, Luxembourg, Poland, Türkiye and the United States)</b>								
Revenues	4,469	4,512	4,521	4,398	4,149	4,217	4,131	4,092
Operating Expenses and Dep.	-3,141	-3,052	-2,972	-3,466	-2,974	-2,868	-2,773	-3,299
Gross Operating Income	1,328	1,460	1,550	932	1,174	1,349	1,358	793
Cost of Risk	-205	-334	-264	-36	-219	-279	-308	-310
Operating Income	1,123	1,126	1,286	896	955	1,070	1,050	483
Share of Earnings of Equity-Method Entities	75	100	133	70	48	76	78	37
Other Non Operating Items	-54	2	3	6	-12	68	-1	-37
Pre-Tax Income	1,143	1,227	1,422	972	991	1,214	1,127	483
Cost/Income	70.3%	67.6%	65.7%	78.8%	71.7%	68.0%	67.1%	80.6%
Allocated Equity (€bn, year to date)	35.3	35.0	34.6	33.5	32.0	31.9	32.0	32.4
RWA (€bn)	311.5	319.4	313.6	311.3	296.6	291.1	288.2	287.7

1. Including 100% of Private Banking for the Revenues to Pre-tax income items



€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Commercial &amp; Personal Banking in the Eurozone (including 100% of Private Banking in France, Italy, Belgium and Luxembourg)<sup>1</sup></b>								
Revenues	3,403	3,354	3,479	3,317	3,243	3,280	3,246	3,116
incl. net interest income	2,050	2,011	2,074	1,947	1,922	1,979	1,921	1,861
incl. fees	1,353	1,343	1,405	1,370	1,321	1,302	1,325	1,255
Operating Expenses and Dep.	-2,301	-2,193	-2,152	-2,678	-2,220	-2,151	-2,061	-2,557
Gross Operating Income	1,102	1,161	1,327	640	1,023	1,129	1,185	559
Cost of Risk	-105	-230	-187	-198	-211	-288	-249	-281
Operating Income	997	931	1,140	442	812	841	936	277
Share of Earnings of Equity-Method Entities	0	0	1	0	1	5	1	-3
Other Non Operating Items	-1	5	31	6	-15	60	3	3
Pre-Tax Income	996	936	1,171	448	799	906	940	278
Income Attributable to Wealth and Asset Management	-80	-61	-72	-50	-64	-63	-64	-50
Pre-Tax Income of Commercial & Personal Banking in the Eurozone	917	875	1,099	397	735	843	876	228
Cost/Income	67.6%	65.4%	61.9%	80.7%	68.5%	65.6%	63.5%	82.1%
Average loan outstandings (€bn)	444	441	433	425	412	407	404	402
Loan outstandings at the beginning of the quarter (used for cost of risk in bp)	463	460	449	437	430	427	421	421
Average deposits (€bn)	502	508	501	492	481	473	465	456
Cost of risk (in annualised bp)	9	20	17	18	20	27	24	27
Allocated Equity (€bn, year to date, including 2/3 of Private Banking in France, Belgium, Italy and Luxembourg)	24.1	24.1	24.0	23.2	22.0	22.0	22.0	22.2
RWA (€bn)	213.0	215.8	214.0	218.8	207.2	201.7	201.3	201.5
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Commercial &amp; Personal Banking in the Eurozone (including 2/3 of Private Banking in France, Italy, Belgium and Luxembourg)</b>								
Revenues	3,249	3,208	3,326	3,164	3,096	3,137	3,099	2,971
Operating Expenses and Dep.	-2,213	-2,108	-2,073	-2,583	-2,136	-2,073	-1,986	-2,465
Gross Operating Income	1,036	1,100	1,254	582	960	1,065	1,113	506
Cost of Risk	-119	-230	-186	-191	-212	-287	-241	-278
Operating Income	918	870	1,068	391	748	778	872	227
Share of Earnings of Equity-Method Entities	0	0	1	0	1	5	1	-3
Other Non Operating Items	-1	5	31	6	-15	60	3	3
Pre-Tax Income	917	875	1,099	397	735	843	876	228
Cost/Income	68.1%	65.7%	62.3%	81.6%	69.0%	66.1%	64.1%	83.0%
Allocated Equity (€bn, year to date)	24.1	24.1	24.0	23.2	22.0	22.0	22.0	22.2
RWA (€bn)	208.8	211.6	209.9	214.7	203.4	198.0	197.6	197.9
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Commercial &amp; Personal Banking in France (including 100% of Private Banking in France)<sup>1</sup></b>								
Revenues	1,670	1,669	1,728	1,613	1,608	1,574	1,607	1,481
incl. net interest income	902	899	919	847	884	859	860	797
incl. fees	768	769	809	766	724	714	747	684
Operating Expenses and Dep.	-1,210	-1,133	-1,117	-1,239	-1,178	-1,129	-1,075	-1,175
Gross Operating Income	460	536	612	374	430	444	532	306
Cost of Risk	21	-102	-64	-93	-99	-115	-101	-125
Operating Income	481	434	548	281	331	329	431	181
Share of Earnings of Equity-Method Entities	0	0	1	0	0	0	-2	0
Other Non Operating Items	-1	1	25	0	-15	54	0	0
Pre-Tax Income	481	434	574	282	316	383	429	181
Income Attributable to Wealth and Asset Management	-48	-36	-42	-31	-35	-34	-30	-28
Pre-Tax Income of Commercial & Personal Banking in France	433	398	531	250	280	349	399	153
Cost/Income	72.4%	67.9%	64.6%	76.8%	73.3%	71.8%	66.9%	79.3%
Average loan outstandings (€bn)	213	212	208	203	201	200	199	198
Loan outstandings at the beginning of the quarter (€bn) (used for cost of risk in bp)	228	227	221	218	215	216	213	213
Average deposits (€bn)	247	249	244	240	241	237	231	226
Cost of risk (in annualised bp)	-4	18	12	17	19	21	19	24
Allocated Equity (€bn, year to date, including 2/3 of Private Banking in France)	11.3	11.1	11.0	10.6	10.6	10.7	10.8	10.8
RWA (€bn)	103.4	105.2	102.8	103.2	98.0	96.4	97.1	99.6

### 1. Including 100% of Private Banking for the Revenues to Pre-tax income items

Reminder on PEL/CEL provision: this provision, accounted in the CPBF's revenues, takes into account the risk generated by Plans Epargne Logement (PEL) and Comptes Epargne Logement (CEL) during their whole lifetime

€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
PEL/CEL effects 100% of Private Banking in France	8	13	14	11	6	3	19	1
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Commercial &amp; Personal Banking in France (including 2/3 of Private Banking in France)</b>								
Revenues	1,592	1,592	1,647	1,531	1,530	1,499	1,531	1,406
Operating Expenses and Dep.	-1,166	-1,092	-1,078	-1,195	-1,136	-1,091	-1,036	-1,132
Gross Operating Income	426	500	569	336	395	408	495	274
Cost of Risk	8	-103	-64	-86	-100	-113	-94	-121
Operating Income	434	397	505	250	295	295	401	153
Non Operating Items	-1	1	26	0	-15	54	-2	1
Pre-Tax Income	433	398	531	250	280	349	399	153
Cost/Income	73.2%	68.6%	65.4%	78.0%	74.2%	72.8%	67.7%	80.5%
Allocated Equity (€bn, year to date)	11.3	11.1	11.0	10.6	10.6	10.7	10.8	10.8
RWA (€bn)	100.5	102.3	100.0	100.4	95.5	93.9	94.6	97.2



€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>BNL bc (including 100% of Private Banking in Italy)<sup>1</sup></b>								
<b>Revenues</b>	<b>656</b>	<b>652</b>	<b>671</b>	<b>654</b>	<b>668</b>	<b>667</b>	<b>669</b>	<b>676</b>
<i>incl. net interest income</i>	369	382	387	380	370	385	387	398
<i>incl. fees</i>	286	271	284	274	298	282	283	278
Operating Expenses and Dep.	-426	-440	-416	-454	-438	-449	-435	-458
<b>Gross Operating Income</b>	<b>230</b>	<b>213</b>	<b>255</b>	<b>201</b>	<b>230</b>	<b>218</b>	<b>235</b>	<b>217</b>
Cost of Risk	-114	-114	-110	-128	-143	-130	-105	-110
<b>Operating Income</b>	<b>116</b>	<b>99</b>	<b>146</b>	<b>73</b>	<b>87</b>	<b>88</b>	<b>130</b>	<b>107</b>
Share of Earnings of Equity-Method Entities	0	0	0	0	0	0	0	0
Other Non Operating Items	0	0	2	0	0	0	0	0
<b>Pre-Tax Income</b>	<b>116</b>	<b>99</b>	<b>148</b>	<b>73</b>	<b>87</b>	<b>88</b>	<b>130</b>	<b>107</b>
Income Attributable to Wealth and Asset Management	-5	-4	-8	-8	-9	-8	-10	-9
<b>Pre-Tax Income of BNL bc</b>	<b>111</b>	<b>95</b>	<b>139</b>	<b>65</b>	<b>78</b>	<b>80</b>	<b>120</b>	<b>98</b>
<b>Cost/Income</b>	<b>64.9%</b>	<b>67.4%</b>	<b>62.0%</b>	<b>69.3%</b>	<b>65.6%</b>	<b>67.3%</b>	<b>64.9%</b>	<b>67.9%</b>
Average loan outstandings (€bn)	79	79	78	79	78	77	76	77
Loan outstandings at the beginning of the quarter (used for cost of risk in bp)	80	80	79	82	80	78	77	79
Average deposits (€bn)	64	65	65	63	62	59	59	58
Cost of risk (in annualised bp)	57	57	55	63	71	67	54	56
Allocated Equity (€bn, year to date; including 2/3 of Private Banking in Italy)	6.0	6.0	6.0	5.9	5.3	5.3	5.3	5.5
RWA (€bn)	47.6	48.7	49.3	49.8	49.1	49.2	48.2	47.7
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>BNL bc (including 2/3 of Private Banking in Italy)</b>								
<b>Revenues</b>	<b>635</b>	<b>631</b>	<b>649</b>	<b>633</b>	<b>645</b>	<b>645</b>	<b>647</b>	<b>654</b>
Operating Expenses and Dep.	-411	-423	-403	-440	-424	-435	-422	-445
<b>Gross Operating Income</b>	<b>224</b>	<b>208</b>	<b>246</b>	<b>193</b>	<b>222</b>	<b>210</b>	<b>225</b>	<b>208</b>
Cost of Risk	-114	-114	-109	-128	-143	-130	-104	-110
<b>Operating Income</b>	<b>110</b>	<b>95</b>	<b>138</b>	<b>65</b>	<b>78</b>	<b>80</b>	<b>120</b>	<b>98</b>
Share of Earnings of Equity-Method Entities	0	0	0	0	0	0	0	0
Other Non Operating Items	0	0	2	0	0	0	0	0
<b>Pre-Tax Income</b>	<b>111</b>	<b>95</b>	<b>139</b>	<b>65</b>	<b>78</b>	<b>80</b>	<b>120</b>	<b>98</b>
<b>Cost/Income</b>	<b>64.7%</b>	<b>67.0%</b>	<b>62.0%</b>	<b>69.5%</b>	<b>65.7%</b>	<b>67.4%</b>	<b>65.2%</b>	<b>68.1%</b>
Allocated Equity (€bn, year to date)	6.0	6.0	6.0	5.9	5.3	5.3	5.3	5.5
RWA (€bn)	47.1	48.2	48.8	49.3	48.7	48.8	47.8	47.3
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Commercial &amp; Personal Banking in Belgium (including 100% of Private Banking in Belgium)<sup>1</sup></b>								
<b>Revenues</b>	<b>947</b>	<b>917</b>	<b>965</b>	<b>935</b>	<b>854</b>	<b>933</b>	<b>864</b>	<b>858</b>
<i>incl. net interest income</i>	673	636	677	632	581	649	589	585
<i>incl. fees</i>	274	281	288	303	273	284	275	274
Operating Expenses and Dep.	-588	-558	-554	-905	-540	-511	-488	-845
<b>Gross Operating Income</b>	<b>348</b>	<b>359</b>	<b>412</b>	<b>30</b>	<b>314</b>	<b>422</b>	<b>376</b>	<b>14</b>
Cost of Risk	-20	-17	-16	17	28	-36	-45	-47
<b>Operating Income</b>	<b>328</b>	<b>342</b>	<b>396</b>	<b>47</b>	<b>342</b>	<b>386</b>	<b>331</b>	<b>-33</b>
Share of Earnings of Equity-Method Entities	0	0	1	0	2	5	2	-3
Other Non Operating Items	-1	3	3	4	1	6	4	3
<b>Pre-Tax Income</b>	<b>327</b>	<b>345</b>	<b>399</b>	<b>52</b>	<b>344</b>	<b>397</b>	<b>337</b>	<b>-33</b>
Income Attributable to Wealth and Asset Management	-25	-19	-20	-10	-18	-20	-22	-12
<b>Pre-Tax Income of Commercial &amp; Personal Banking in Belgium</b>	<b>303</b>	<b>326</b>	<b>379</b>	<b>42</b>	<b>326</b>	<b>377</b>	<b>315</b>	<b>-45</b>
<b>Cost/Income</b>	<b>63.2%</b>	<b>60.9%</b>	<b>57.3%</b>	<b>96.8%</b>	<b>63.3%</b>	<b>54.8%</b>	<b>56.5%</b>	<b>98.4%</b>
Average loan outstandings (€bn)	138	137	134	131	120	119	116	115
Loan outstandings at the beginning of the quarter (used for cost of risk in bp)	141	140	136	125	122	120	118	118
Average deposits (€bn)	161	162	162	161	149	149	149	146
Cost of risk (in annualised bp)	6	5	5	-6	-9	12	15	16
Allocated Equity (€bn, year to date; including 2/3 of Private Banking in Belgium)	6.1	6.1	6.2	5.9	5.3	5.2	5.2	5.2
RWA (€bn)	54.5	54.2	54.2	58.4	53.1	49.4	49.1	47.5
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Commercial &amp; Personal Banking in Belgium (including 2/3 of Private Banking in Belgium)</b>								
<b>Revenues</b>	<b>896</b>	<b>871</b>	<b>920</b>	<b>890</b>	<b>810</b>	<b>890</b>	<b>819</b>	<b>813</b>
Operating Expenses and Dep.	-571	-532	-529	-870	-514	-486	-466	-811
<b>Gross Operating Income</b>	<b>324</b>	<b>339</b>	<b>392</b>	<b>20</b>	<b>296</b>	<b>403</b>	<b>353</b>	<b>3</b>
Cost of Risk	-21	-17	-16	18	28	-37	-44	-48
<b>Operating Income</b>	<b>303</b>	<b>323</b>	<b>376</b>	<b>38</b>	<b>324</b>	<b>367</b>	<b>309</b>	<b>-45</b>
Share of Earnings of Equity-Method Entities	0	0	1	0	2	5	2	-3
Other Non Operating Items	-1	3	3	4	1	6	4	3
<b>Pre-Tax Income</b>	<b>303</b>	<b>326</b>	<b>379</b>	<b>42</b>	<b>326</b>	<b>377</b>	<b>315</b>	<b>-45</b>
<b>Cost/Income</b>	<b>63.8%</b>	<b>61.1%</b>	<b>57.4%</b>	<b>97.8%</b>	<b>63.4%</b>	<b>54.7%</b>	<b>56.9%</b>	<b>99.7%</b>
Allocated Equity (€bn, year to date)	6.1	6.1	6.2	5.9	5.3	5.2	5.2	5.2
RWA (€bn)	53.9	53.4	53.5	57.6	52.4	48.7	48.4	46.8

1. Including 100% of Private Banking for the Revenues to Pre-tax income items



€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Commercial &amp; Personal Banking in Luxembourg (including 100% of Private Banking in Luxembourg)<sup>1</sup></b>								
<b>Revenues</b>	<b>130</b>	<b>116</b>	<b>114</b>	<b>115</b>	<b>113</b>	<b>107</b>	<b>106</b>	<b>101</b>
<i>incl. net interest income</i>	105	94	90	88	87	86	85	81
<i>incl. fees</i>	25	22	24	27	26	21	21	20
Operating Expenses and Dep.	-67	-62	-66	-80	-64	-62	-64	-79
<b>Gross Operating Income</b>	<b>63</b>	<b>54</b>	<b>48</b>	<b>35</b>	<b>49</b>	<b>45</b>	<b>42</b>	<b>22</b>
Cost of Risk	9	3	3	5	3	-7	1	1
<b>Operating Income</b>	<b>72</b>	<b>56</b>	<b>51</b>	<b>40</b>	<b>52</b>	<b>38</b>	<b>43</b>	<b>23</b>
Share of Earnings of Equity-Method Entities	0	0	0	0	0	0	0	0
Other Non Operating Items	0	1	0	2	0	0	0	0
<b>Pre-Tax Income</b>	<b>72</b>	<b>58</b>	<b>51</b>	<b>42</b>	<b>52</b>	<b>38</b>	<b>43</b>	<b>23</b>
Income Attributable to Wealth and Asset Management	-2	-1	-2	-2	-2	-2	-1	-1
<b>Pre-Tax Income of Commercial &amp; Personal Banking in Luxembourg</b>	<b>70</b>	<b>56</b>	<b>49</b>	<b>40</b>	<b>50</b>	<b>37</b>	<b>42</b>	<b>21</b>
<b>Cost/Income</b>	<b>51.3%</b>	<b>53.8%</b>	<b>57.8%</b>	<b>69.8%</b>	<b>56.3%</b>	<b>58.1%</b>	<b>60.2%</b>	<b>78.2%</b>
Average loan outstandings (€bn)	13	13	13	13	12	12	12	12
Loan outstandings at the beginning of the quarter (used for cost of risk in bp)	13	13	13	13	12	12	12	12
Average deposits (€bn)	30	31	30	29	29	28	27	27
Cost of risk (in annualised bp)	-25	-8	-9	-17	-10	23	-3	-2
Allocated Equity (€bn, year to date; including 2/3 of Private Banking in Luxembourg)	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
RWA (€bn)	7.4	7.8	7.6	7.5	6.8	6.6	6.8	6.7
<hr/>								
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Commercial &amp; Personal Banking in Luxembourg (including 2/3 of Private Banking in Luxembourg)</b>								
<b>Revenues</b>	<b>127</b>	<b>113</b>	<b>110</b>	<b>111</b>	<b>110</b>	<b>104</b>	<b>103</b>	<b>97</b>
Operating Expenses and Dep.	-65	-61	-64	-78	-62	-61	-62	-77
<b>Gross Operating Income</b>	<b>62</b>	<b>52</b>	<b>46</b>	<b>33</b>	<b>48</b>	<b>43</b>	<b>41</b>	<b>21</b>
Cost of Risk	8	3	3	5	3	-7	1	1
<b>Operating Income</b>	<b>70</b>	<b>55</b>	<b>49</b>	<b>38</b>	<b>51</b>	<b>36</b>	<b>42</b>	<b>21</b>
Share of Earnings of Equity-Method Entities	0	0	0	0	0	0	0	0
Other Non Operating Items	0	1	0	2	0	0	0	0
<b>Pre-Tax Income</b>	<b>70</b>	<b>56</b>	<b>49</b>	<b>40</b>	<b>50</b>	<b>37</b>	<b>42</b>	<b>21</b>
<b>Cost/Income</b>	<b>51.3%</b>	<b>53.7%</b>	<b>57.9%</b>	<b>70.4%</b>	<b>56.5%</b>	<b>58.2%</b>	<b>60.4%</b>	<b>78.9%</b>
Allocated Equity (€bn, year to date)	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
RWA (€bn)	7.3	7.7	7.5	7.4	6.8	6.6	6.8	6.7
<hr/>								
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Commercial &amp; Personal Banking in the rest of the world (including 100% of Private Banking in Poland, Türkiye and the United States)<sup>1</sup></b>								
<b>Revenues</b>	<b>1,257</b>	<b>1,340</b>	<b>1,223</b>	<b>1,258</b>	<b>1,075</b>	<b>1,099</b>	<b>1,052</b>	<b>1,141</b>
<i>incl. net interest income</i>	1,038	1,104	997	1,037	822	894	842	938
<i>incl. fees</i>	218	236	225	221	253	205	209	204
Operating Expenses and Dep.	-942	-968	-913	-897	-851	-808	-799	-845
<b>Gross Operating Income</b>	<b>315</b>	<b>381</b>	<b>310</b>	<b>361</b>	<b>224</b>	<b>291</b>	<b>252</b>	<b>297</b>
Cost of Risk	-86	-104	-78	154	-8	8	-67	-32
<b>Operating Income</b>	<b>229</b>	<b>277</b>	<b>232</b>	<b>515</b>	<b>216</b>	<b>299</b>	<b>185</b>	<b>265</b>
Share of Earnings of Equity-Method Entities	74	100	132	70	46	71	77	40
Other Non Operating Items	-53	-3	-27	0	2	8	-4	-40
<b>Pre-Tax Income</b>	<b>250</b>	<b>374</b>	<b>337</b>	<b>585</b>	<b>265</b>	<b>378</b>	<b>258</b>	<b>265</b>
Income Attributable to Wealth and Asset Management	-23	-21	-14	-10	-9	-7	-7	-9
<b>Pre-Tax Income of Commercial &amp; Personal Banking in the rest of the world</b>	<b>227</b>	<b>353</b>	<b>323</b>	<b>575</b>	<b>256</b>	<b>371</b>	<b>251</b>	<b>255</b>
<b>Cost/Income</b>	<b>74.9%</b>	<b>71.5%</b>	<b>74.6%</b>	<b>71.3%</b>	<b>79.2%</b>	<b>73.5%</b>	<b>76.0%</b>	<b>74.0%</b>
Average loan outstandings (€bn)	93	94	90	85	84	83	83	84
Loan outstandings at the beginning of the quarter (used for cost of risk in bp)	99	94	89	87	87	86	87	87
Average deposits (€bn)	114	118	113	112	113	111	108	105
Cost of risk (in annualised bp)	35	44	35	-71	4	-4	31	15
Allocated Equity (€bn, year to date; including 2/3 of Private Banking in Poland, Türkiye and the United States)	11.1	11.0	10.6	10.3	10.0	10.0	10.0	10.2
RWA (€bn, year to date)	102.8	107.9	103.8	96.8	93.4	93.2	90.7	89.8
<hr/>								
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Commercial &amp; Personal Banking in the rest of the world (including 2/3 of Private Banking in Poland, Türkiye and the United States)</b>								
<b>Revenues</b>	<b>1,220</b>	<b>1,304</b>	<b>1,195</b>	<b>1,234</b>	<b>1,053</b>	<b>1,080</b>	<b>1,032</b>	<b>1,122</b>
Operating Expenses and Dep.	-928	-944	-899	-883	-839	-795	-787	-834
<b>Gross Operating Income</b>	<b>292</b>	<b>360</b>	<b>296</b>	<b>351</b>	<b>214</b>	<b>284</b>	<b>245</b>	<b>288</b>
Cost of Risk	-86	-104	-78	154	-8	8	-67	-32
<b>Operating Income</b>	<b>206</b>	<b>256</b>	<b>218</b>	<b>505</b>	<b>207</b>	<b>292</b>	<b>178</b>	<b>255</b>
Share of Earnings of Equity-Method Entities	74	100	132	70	46	71	77	40
Other Non Operating Items	-53	-3	-27	0	2	8	-4	-40
<b>Pre-Tax Income</b>	<b>227</b>	<b>353</b>	<b>323</b>	<b>575</b>	<b>256</b>	<b>371</b>	<b>251</b>	<b>255</b>
<b>Cost/Income</b>	<b>76.1%</b>	<b>72.4%</b>	<b>75.2%</b>	<b>71.6%</b>	<b>79.6%</b>	<b>73.7%</b>	<b>76.3%</b>	<b>74.3%</b>
Allocated Equity (€bn, year to date)	11.1	11.0	10.6	10.3	10.0	10.0	10.0	10.2
RWA (€bn)	102.7	107.8	103.7	96.7	93.2	93.1	90.6	89.8

1. Including 100% of Private Banking for the Revenues to Pre-tax income items



€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Europe-Mediterranean (including 100% of Private Banking in Poland and Türkiye)<sup>1</sup></b>								
<b>Revenues</b>	<b>534</b>	<b>607</b>	<b>566</b>	<b>639</b>	<b>449</b>	<b>511</b>	<b>464</b>	<b>516</b>
<i>incl. net interest income</i>	433	488	455	518	320	401	349	399
<i>incl. fees</i>	101	118	111	121	129	109	115	117
Operating Expenses and Dep.	-417	-393	-418	-422	-395	-383	-394	-435
<b>Gross Operating Income</b>	<b>118</b>	<b>214</b>	<b>148</b>	<b>217</b>	<b>54</b>	<b>128</b>	<b>71</b>	<b>82</b>
Cost of Risk	-10	-55	-48	-39	-32	-15	-58	-39
<b>Operating Income</b>	<b>108</b>	<b>159</b>	<b>100</b>	<b>178</b>	<b>22</b>	<b>113</b>	<b>12</b>	<b>43</b>
Share of Earnings of Equity-Method Entities	74	100	132	70	46	71	77	40
Other Non Operating Items	-53	-5	-29	0	-3	-1	-7	-41
<b>Pre-Tax Income</b>	<b>129</b>	<b>253</b>	<b>203</b>	<b>248</b>	<b>65</b>	<b>183</b>	<b>82</b>	<b>41</b>
Income Attributable to Wealth and Asset Management	-6	-3	-3	-3	-2	-1	-2	-3
<b>Pre-Tax Income of Europe-Mediterranean</b>	<b>122</b>	<b>250</b>	<b>200</b>	<b>245</b>	<b>63</b>	<b>182</b>	<b>80</b>	<b>39</b>
<b>Cost/Income</b>	<b>78.0%</b>	<b>64.7%</b>	<b>73.8%</b>	<b>66.1%</b>	<b>87.9%</b>	<b>74.9%</b>	<b>84.8%</b>	<b>84.2%</b>
Average loan outstandings (€bn)	35	35	35	34	34	35	34	34
Loan outstandings at the beginning of the quarter (used for cost of risk in bp)	38	38	37	37	38	37	36	37
Average deposits (€bn)	43	43	41	40	41	41	40	39
Cost of risk (in annualised bp)	11	58	53	43	34	17	65	42
Allocated Equity (€bn, year to date; including 2/3 of Private Banking in Poland and Türkiye)	5.5	5.4	5.2	5.1	5.0	5.0	5.0	5.1
RWA (€bn)	50.5	52.0	51.8	48.4	46.5	47.6	45.9	44.5
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Europe-Mediterranean (including 2/3 of Private Banking in Poland and Türkiye)</b>								
<b>Revenues</b>	<b>526</b>	<b>601</b>	<b>560</b>	<b>634</b>	<b>445</b>	<b>508</b>	<b>461</b>	<b>512</b>
Operating Expenses and Dep.	-415	-391	-416	-420	-393	-381	-392	-433
<b>Gross Operating Income</b>	<b>111</b>	<b>210</b>	<b>145</b>	<b>214</b>	<b>52</b>	<b>127</b>	<b>69</b>	<b>80</b>
Cost of Risk	-10	-55	-48	-39	-32	-15	-58	-39
<b>Operating Income</b>	<b>101</b>	<b>155</b>	<b>97</b>	<b>174</b>	<b>20</b>	<b>112</b>	<b>10</b>	<b>41</b>
Share of Earnings of Equity-Method Entities	74	100	132	70	46	71	77	40
Other Non Operating Items	-53	-5	-29	0	-3	-1	-7	-41
<b>Pre-Tax Income</b>	<b>122</b>	<b>250</b>	<b>200</b>	<b>245</b>	<b>63</b>	<b>182</b>	<b>80</b>	<b>39</b>
<b>Cost/Income</b>	<b>78.8%</b>	<b>65.0%</b>	<b>74.1%</b>	<b>66.3%</b>	<b>88.3%</b>	<b>75.0%</b>	<b>85.1%</b>	<b>84.5%</b>
Allocated Equity (€bn, year to date)	5.5	5.4	5.2	5.1	5.0	5.0	5.0	5.1
RWA (€bn)	50.5	52.0	51.8	48.4	46.5	47.6	45.9	44.5
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>BancWest (including 100% of Private Banking in United States)<sup>1</sup></b>								
<b>Revenues</b>	<b>722</b>	<b>733</b>	<b>657</b>	<b>619</b>	<b>626</b>	<b>588</b>	<b>587</b>	<b>625</b>
<i>incl. net interest income</i>	605	615	542	519	502	493	493	538
<i>incl. fees</i>	117	118	114	100	124	96	94	87
Operating Expenses and Dep.	-525	-566	-495	-475	-457	-425	-406	-410
<b>Gross Operating Income</b>	<b>197</b>	<b>167</b>	<b>162</b>	<b>144</b>	<b>169</b>	<b>163</b>	<b>182</b>	<b>215</b>
Cost of Risk	-76	-49	-30	194	24	23	-8	7
<b>Operating Income</b>	<b>121</b>	<b>119</b>	<b>132</b>	<b>337</b>	<b>194</b>	<b>186</b>	<b>173</b>	<b>222</b>
Share of Earnings of Equity-Method Entities	0	0	0	0	0	0	0	0
Other Non Operating Items	0	2	2	0	6	9	3	2
<b>Pre-Tax Income</b>	<b>121</b>	<b>121</b>	<b>134</b>	<b>337</b>	<b>199</b>	<b>195</b>	<b>176</b>	<b>223</b>
Income Attributable to Wealth and Asset Management	-17	-18	-11	-7	-7	-6	-5	-7
<b>Pre-Tax Income of BancWest</b>	<b>104</b>	<b>103</b>	<b>123</b>	<b>330</b>	<b>192</b>	<b>189</b>	<b>171</b>	<b>216</b>
<b>Cost/Income</b>	<b>72.7%</b>	<b>77.2%</b>	<b>75.4%</b>	<b>76.8%</b>	<b>73.0%</b>	<b>72.3%</b>	<b>69.1%</b>	<b>65.6%</b>
Average loan outstandings (€bn)	58	59	55	51	50	49	49	50
Loan outstandings at the beginning of the quarter (used for cost of risk in bp)	61	57	53	51	49	49	51	50
Average deposits (€bn)	72	75	73	72	72	71	68	65
Cost of risk (in annualised bp)	50	34	23	-153	-20	-19	7	-5
Allocated Equity (€bn, year to date; including 2/3 of Private Banking in the United States)	5.6	5.6	5.4	5.2	5.0	4.9	5.0	5.0
RWA (€bn)	52.3	55.9	52.1	48.3	46.8	45.5	44.8	45.3
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>BancWest (including 2/3 of Private Banking in United States)</b>								
<b>Revenues</b>	<b>694</b>	<b>703</b>	<b>635</b>	<b>600</b>	<b>608</b>	<b>572</b>	<b>571</b>	<b>609</b>
Operating Expenses and Dep.	-513	-554	-484	-463	-446	-415	-395	-401
<b>Gross Operating Income</b>	<b>180</b>	<b>150</b>	<b>151</b>	<b>137</b>	<b>162</b>	<b>157</b>	<b>176</b>	<b>208</b>
Cost of Risk	-76	-49	-30	194	24	23	-8	7
<b>Operating Income</b>	<b>104</b>	<b>101</b>	<b>121</b>	<b>331</b>	<b>187</b>	<b>180</b>	<b>168</b>	<b>215</b>
Share of Earnings of Equity-Method Entities	0	0	0	0	0	0	0	0
Other Non Operating Items	0	2	2	0	6	9	3	2
<b>Pre-Tax Income</b>	<b>104</b>	<b>103</b>	<b>123</b>	<b>330</b>	<b>192</b>	<b>189</b>	<b>171</b>	<b>216</b>
<b>Cost/Income</b>	<b>74.0%</b>	<b>78.7%</b>	<b>76.2%</b>	<b>77.2%</b>	<b>73.3%</b>	<b>72.5%</b>	<b>69.1%</b>	<b>65.8%</b>
Allocated Equity (€bn, year to date)	5.6	5.6	5.4	5.2	5.0	4.9	5.0	5.0
RWA (€bn)	52.2	55.8	52.0	48.2	46.7	45.4	44.7	45.3

1. Including 100% of Private Banking for the Revenues to Pre-tax income items





€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Specialised businesses (Personal Finance, Arval &amp; Leasing Solutions, New Digital Businesses &amp; Personal Investors including 100% of Private Banking in Germany)<sup>1</sup></b>								
Revenues	2,369	2,416	2,482	2,404	2,187	2,106	2,169	2,173
Operating Expenses and Dep.	-1,244	-1,179	-1,199	-1,274	-1,181	-1,087	-1,141	-1,207
Gross Operating Income	1,125	1,238	1,284	1,130	1,007	1,019	1,029	966
Cost of Risk	-485	-396	-380	-357	-378	-369	-378	-354
Operating Income	640	841	903	773	629	660	650	612
Share of Earnings of Equity-Method Entities	-5	21	24	16	22	17	-4	15
Other Non Operating Items	-8	3	28	0	7	36	-9	1
Pre-Tax Income	627	865	956	789	658	712	637	627
Income Attributable to Wealth and Asset Management	-1	0	0	-1	-1	0	0	-1
Pre-Tax Income of the specialised businesses	626	865	956	789	658	712	636	626
Cost/Income	52.9%	48.8%	48.3%	53.0%	54.0%	51.6%	52.6%	55.5%
Loan outstandings at the beginning of the quarter (used for cost of risk in bp)	123	123	121	118	116	117	117	117
Cost of risk (in annualised bp)	157	129	125	121	130	122	130	121
Allocated Equity (€bn, year to date, including 2/3 of Private Banking in Germany)	12.1	12.0	11.8	11.4	11.3	11.4	11.5	11.4
RWA (€bn)	111.6	109.0	108.6	106.8	102.3	100.7	101.7	104.0
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Personal Finance</b>								
Revenues	1,283	1,345	1,371	1,388	1,294	1,271	1,319	1,332
Operating Expenses and Dep.	-739	-689	-718	-776	-710	-644	-700	-750
Gross Operating Income	544	656	653	612	584	627	619	581
Cost of Risk	-413	-336	-309	-315	-346	-303	-344	-321
Operating Income	131	320	344	297	238	324	276	260
Share of Earnings of Equity-Method Entities	-5	22	26	14	22	16	-2	16
Other Non Operating Items	-15	-2	-12	0	-2	36	-9	1
Pre-Tax Income	111	340	358	312	258	376	264	277
Cost/Income	57.6%	51.2%	52.4%	55.9%	54.9%	50.7%	53.1%	56.4%
Average Total consolidated outstandings (€bn)	96	94	94	93	91	90	91	91
Loan outstandings at the beginning of the quarter (used for cost of risk in bp)	97	97	96	94	93	94	93	93
Cost of risk (in annualised bp)	170	139	129	134	150	130	147	138
Allocated Equity (€bn, year to date)	8.1	8.1	8.0	7.7	7.7	7.8	7.8	7.8
RWA (€bn)	74.8	73.0	73.1	72.4	69.5	68.4	70.0	71.5
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Arval &amp; Leasing Solutions</b>								
Revenues	858	874	895	811	709	658	670	639
Operating Expenses and Dep.	-347	-341	-341	-366	-328	-314	-319	-338
Gross Operating Income	511	534	553	445	381	344	350	301
Cost of Risk	-30	-38	-49	-30	-30	-54	-34	-32
Operating Income	482	496	505	415	351	291	317	269
Share of Earnings of Equity-Method Entities	2	1	1	4	3	3	1	2
Other Non Operating Items	7	5	40	0	0	0	0	0
Pre-Tax Income	491	502	545	419	353	293	317	271
Cost/Income	40.4%	39.0%	38.1%	45.1%	46.2%	47.7%	47.7%	52.9%
Allocated Equity (€bn, year to date)	3.5	3.4	3.4	3.3	3.2	3.2	3.3	3.3
RWA (€bn)	32.0	31.2	30.7	29.5	29.3	28.9	28.2	29.0
Total consolidated outstandings (€bn)	51	49	49	48	47	46	46	45
Financed fleet ('000 of vehicles)	1,592	1,520	1,501	1,484	1,470	1,441	1,417	1,393
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>New Digital Businesses &amp; Personal Investors (including 100% of Private Banking in Germany)<sup>1</sup></b>								
Revenues	228	197	217	205	184	177	180	203
Operating Expenses and Dep.	-158	-149	-139	-132	-143	-130	-122	-119
Gross Operating Income	70	48	77	73	41	47	59	84
Cost of Risk	-42	-23	-23	-12	-1	-1	-1	-2
Operating Income	28	25	54	61	40	46	58	82
Share of Earnings of Equity-Method Entities	-2	-2	-2	-3	-3	-2	-3	-3
Other Non Operating Items	0	0	1	0	9	0	0	0
Pre-Tax Income	25	23	53	58	47	43	55	79
Income Attributable to Wealth and Asset Management	-1	0	0	-1	-1	0	0	-1
Pre-Tax Income of New Digital Businesses & Personal Investors	25	22	52	58	46	43	54	79
Cost/Income	69.4%	75.7%	64.3%	64.4%	77.6%	73.4%	67.5%	58.6%
Allocated Equity (€bn, year to date, including 2/3 of Private Banking in Germany)	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3
RWA (€bn)	4.8	4.9	4.8	4.9	3.5	3.4	3.4	3.5
Number of accounts opened for Nickel	0	0	0	0	0	0	0	0
Average Loans personal Investors (€bn)	2	2	2	1	1	1	1	1
Average deposits personal Investors (€bn)	30	31	31	30	30	28	27	26
AUM Personal Investors (€bn)	150	150	147	162	163	161	157	146
European Customer Orders (millions) of Personal Investors	9.2	10.1	10.1	13.0	11.8	10.7	10.0	12.4
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>New Digital Businesses and Personal Investors (including 2/3 of Private Banking in Germany)</b>								
Revenues	225	195	214	203	182	175	178	201
Operating Expenses and Dep.	-156	-147	-137	-130	-141	-128	-120	-117
Gross Operating Income	69	48	77	72	41	47	58	83
Cost of Risk	-42	-23	-23	-12	-1	-1	-1	-2
Operating Income	27	25	54	60	40	45	57	82
Share of Earnings of Equity-Method Entities	-2	-2	-2	-3	-3	-2	-3	-3
Other Non Operating Items	0	0	1	0	9	0	0	0
Pre-Tax Income	25	22	52	58	46	43	54	79
Cost/Income	69.4%	75.5%	64.1%	64.3%	77.6%	73.3%	67.3%	58.5%
Allocated Equity (€bn, year to date)	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3
RWA (€bn)	4.8	4.9	4.8	4.9	3.5	3.4	3.4	3.5

1. Including 100% of Private Banking for the Revenues to Pre-tax income items



€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Investment &amp; Protection Services</b>								
Revenues	1,665	1,632	1,723	1,650	1,639	1,498	1,686	1,652
Operating Expenses and Dep.	-1,157	-1,087	-1,068	-1,051	-1,164	-1,038	-1,001	-1,015
Gross Operating Income	508	545	655	599	475	461	684	638
Cost of Risk	14	2	-6	-7	7	-6	-3	-5
Operating Income	522	547	649	592	482	455	681	633
Share of Earnings of Equity-Method Entities	63	42	66	52	57	17	38	44
Other Non Operating Items	-3	39	13	39	-3	-4	2	97
Pre-Tax Income	582	627	729	683	537	468	721	774
Cost/Income	69.5%	66.6%	62.0%	63.7%	71.0%	69.3%	59.4%	61.4%
Asset Under Management (€bn) with 100% of Private Banking in France, Belgium, Italy, Luxembourg, Poland, Türkiye, the United States and Germany	1,189	1,175	1,198	1,244	1,277	1,220	1,205	1,174
Allocated Equity (€bn, year to date)	10.0	10.0	10.0	9.9	12.0	11.8	11.6	11.5
RWA (€bn)	40.7	43.3	44.8	48.8	51.3	50.2	50.5	51.4
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Insurance</b>								
Revenues	608	658	787	721	655	613	767	792
Operating Expenses and Dep.	-387	-391	-396	-384	-410	-376	-367	-383
Gross Operating Income	221	267	391	337	245	237	399	409
Cost of Risk	0	0	-1	0	-1	0	-1	0
Operating Income	221	266	390	337	244	237	399	409
Share of Earnings of Equity-Method Entities	34	31	48	36	30	-2	25	33
Other Non Operating Items	-1	-1	14	1	-2	-4	0	0
Pre-Tax Income	253	296	453	373	272	231	424	442
Cost/Income	63.6%	59.5%	50.3%	53.3%	62.6%	61.3%	47.9%	48.3%
Asset Under Management (€bn)	247	248	255	270	282	277	274	268
Allocated Equity (€bn, year to date)	7.1	7.1	7.2	7.2	9.4	9.2	9.1	9.0
RWA (€bn)	14.8	16.5	18.2	23.2	26.4	26.5	26.5	28.6
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Wealth and Asset Management</b>								
Revenues	1,057	974	936	929	984	885	919	861
Operating Expenses and Dep.	-771	-696	-672	-667	-754	-662	-634	-632
Gross Operating Income	287	278	264	262	230	223	285	229
Cost of Risk	14	2	-5	-7	8	-5	-2	-5
Operating Income	301	280	259	255	238	218	282	223
Share of Earnings of Equity-Method Entities	29	11	18	16	28	19	13	12
Other Non Operating Items	-2	40	-1	38	0	0	2	96
Pre-Tax Income	328	331	276	310	265	237	297	331
Cost/Income	72.9%	71.4%	71.8%	71.8%	76.6%	74.8%	69.0%	73.4%
Asset Under Management (€bn) with 100% of Private Banking in France, Belgium, Italy, Luxembourg, Poland, Türkiye, the United States and Germany	943	927	942	974	995	944	930	906
Allocated Equity (€bn, year to date)	2.9	2.9	2.8	2.8	2.6	2.6	2.5	2.5
RWA (€bn)	25.9	26.7	26.5	25.5	24.8	23.6	23.9	22.7
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Wealth Management</b>								
Revenues	421	409	393	389	365	375	369	367
Operating Expenses and Dep.	-328	-306	-285	-311	-290	-280	-270	-294
Gross Operating Income	93	103	108	78	75	95	99	73
Cost of Risk	13	1	-3	-7	1	-2	-6	-4
Operating Income	106	104	105	71	77	93	93	69
Share of Earnings of Equity-Method Entities	0	0	0	0	0	0	0	0
Other Non Operating Items	-1	40	0	0	0	0	1	0
Pre-Tax Income	104	144	105	71	77	93	94	69
Cost/Income	78.0%	74.8%	72.5%	79.9%	79.3%	74.7%	73.1%	80.1%
Asset Under Management (€bn) with 100% of Private Banking in France, Belgium, Italy, Luxembourg, Poland, Türkiye, the US and Germany	411	408	411	421	427	412	411	403
Allocated Equity (€bn, year to date)	1.4	1.4	1.3	1.3	1.2	1.3	1.3	1.3
RWA (€bn)	12.1	13.3	13.4	12.4	11.9	11.2	11.4	11.4
€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Asset Management (including Real Estate &amp; Principal Investment)</b>								
Revenues	636	565	543	540	619	510	550	494
Operating Expenses and Dep.	-442	-390	-387	-356	-464	-381	-364	-338
Gross Operating Income	194	175	156	184	155	128	186	156
Cost of Risk	1	1	-2	1	6	-4	3	-1
Operating Income	195	176	154	185	161	125	189	155
Share of Earnings of Equity-Method Entities	29	11	18	16	28	19	13	12
Other Non Operating Items	0	0	-1	38	0	0	1	96
Pre-Tax Income	224	187	171	239	189	144	203	262
Cost/Income	69.5%	69.0%	71.3%	65.9%	75.0%	74.8%	66.2%	68.4%
Asset Under Management (€bn)	532	519	531	553	568	532	519	503
Allocated Equity (€bn, year to date)	1.5	1.5	1.5	1.5	1.3	1.3	1.3	1.2
RWA (€bn)	13.8	13.5	13.2	13.2	12.9	12.4	12.5	11.3



€m	4Q22	3Q22	2Q22	1Q22	4Q21	3Q21	2Q21	1Q21
<b>Corporate Center</b>								
<b>Revenues</b>	<b>-249</b>	<b>-46</b>	<b>-50</b>	<b>66</b>	<b>-5</b>	<b>-10</b>	<b>79</b>	<b>243</b>
Operating Expenses and Dep.	-190	-199	-168	-511	-264	-178	-217	-244
<i>Incl. Restructuring, IT Reinforcement and Adaptation Costs</i>	-188	-129	-110	-76	-82	-62	-71	-77
<b>Gross Operating Income</b>	<b>-438</b>	<b>-245</b>	<b>-218</b>	<b>-445</b>	<b>-269</b>	<b>-187</b>	<b>-138</b>	<b>0</b>
Cost of Risk	59	-128	-63	-54	0	-38	-67	-54
<b>Operating Income</b>	<b>-379</b>	<b>-372</b>	<b>-281</b>	<b>-499</b>	<b>-269</b>	<b>-225</b>	<b>-205</b>	<b>-54</b>
Share of Earnings of Equity-Method Entities	-38	19	19	23	4	13	-20	20
Other Non Operating Items	51	-1	-66	-43	247	-61	298	292
<b>Pre-Tax Income</b>	<b>-366</b>	<b>-354</b>	<b>-328</b>	<b>-519</b>	<b>-18</b>	<b>-274</b>	<b>73</b>	<b>257</b>
Allocated Equity (€bn, year to date)	3.7	3.7	3.5	3.8	4.3	4.2	4.3	3.9
RWA (€bn)	37.1	27.9	28.3	22.1	28.7	33.4	32.4	35.2



## COST OF RISK

BNP Paribas

Cost of risk / Customer loans at the beginning of the period (in annualised bps)

	2019	2020	1Q21	2Q21	3Q21	4Q21	2021	1Q22	2Q22	3Q22	4Q22	2022
<b>Commercial, Personal Banking &amp; Services<sup>1</sup></b>												
Loan outstandings as of the beg. of the quarter (€bn)	603.3	620.6	625.0	624.4	629.7	633.5	628.2	643.1	659.1	676.8	685.2	666.1
Cost of risk (€m)	2,922	4,212	668	694	639	597	2,598	401	645	730	676	2,452
Cost of risk (in annualised bp)	48	68	43	44	41	38	41	25	39	43	39	37
<b>Commercial &amp; Personal Banking in the Euro Zone<sup>1</sup></b>												
Loan outstandings as of the beg. of the quarter (€bn)	391.1	408.1	421.0	420.8	426.6	429.9	424.6	437.5	448.6	459.5	463.3	452.2
Cost of risk (€m)	883	1,268	281	249	288	211	1,030	198	187	230	105	719
Cost of risk (in annualised bp)	23	31	27	24	27	20	24	18	17	20	9	16
<b>CPBF<sup>1</sup></b>												
Loan outstandings as of the beg. of the quarter (€bn)	190.4	202.2	212.5	212.9	215.7	214.7	214.0	218.3	221.0	226.7	228.2	223.5
Cost of risk (€m)	329	496	125	101	115	99	441	93	64	102	-21	237
Cost of risk (in annualised bp)	17	25	24	19	21	19	21	17	12	18	-4	11
<b>BNL bc<sup>1</sup></b>												
Loan outstandings as of the beg. of the quarter (€bn)	77.2	76.6	78.9	77.5	78.2	80.5	78.8	81.5	79.1	80.3	80.5	80.3
Cost of risk (€m)	490	525	110	105	130	143	487	128	110	114	114	465
Cost of risk (in annualised bp)	64	69	56	54	67	71	62	63	55	57	57	58
<b>CPBB<sup>1</sup></b>												
Loan outstandings as of the beg. of the quarter (€bn)	113.0	117.8	117.9	118.4	120.5	122.5	119.8	125.0	135.8	139.6	141.2	135.4
Cost of risk (€m)	55	230	47	45	36	-28	99	-17	16	17	20	36
Cost of risk (in annualised bp)	5	19	16	15	12	-9	8	-6	5	5	6	3
1. With Private Banking at 100%												
	2019	2020	1Q21	2Q21	3Q21	4Q21	2021	1Q22	2Q22	3Q22	4Q22	2022
<b>Commercial &amp; Personal Banking outside the Euro Zone<sup>1</sup></b>												
Loan outstandings as of the beg. of the quarter (€bn)	95.8	95.3	86.9	86.9	85.8	87.1	86.7	87.2	89.2	94.5	98.7	92.4
Cost of risk (€m)	547	759	32	67	-8	8	99	-154	78	104	86	114
Cost of risk (in annualised bp)	57	80	15	31	-4	4	11	-71	35	44	35	12
<b>BancWest<sup>1</sup></b>												
Loan outstandings as of the beg. of the quarter (€bn)	55.1	55.8	49.8	51.1	49.0	49.3	49.8	50.6	52.5	56.6	61.2	55.2
Cost of risk (€m)	148	322	-7	8	-23	-24	-45	-194	30	49	76	-39
Cost of risk (in annualised bp)	27	58	-5	7	-19	-20	-9	-153	23	34	50	-7
<b>Europe-Mediterranean<sup>1</sup></b>												
Loan outstandings as of the beg. of the quarter (€bn)	40.7	39.5	37.2	35.8	36.8	37.8	36.9	36.6	36.7	37.9	37.5	37.2
Cost of risk (€m)	399	437	39	58	15	32	144	39	48	55	10	153
Cost of risk (in annualised bp)	98	111	42	65	17	34	39	43	53	58	11	41
<b>Personal Finance</b>												
Loan outstandings as of the beg. of the quarter (€bn)	93.5	94.4	93.1	93.4	93.5	92.5	93.1	94.0	96.0	96.9	96.9	96.0
Cost of risk (€m)	1,354	1,997	321	344	303	346	1,314	315	309	336	413	1,373
Cost of risk (in annualised bp)	145	212	138	147	130	150	141	134	129	139	170	143
<b>CIB - Global Banking</b>												
Loan outstandings as of the beg. of the quarter (€bn)	145.6	164.4	144.7	154.0	153.1	156.5	152.1	163.0	169.5	178.7	188.9	175.0
Cost of risk (€m)	223	1,308	185	64	24	-72	201	-20	85	116	155	336
Cost of risk (in annualised bp)	15	80	51	17	6	-18	13	-5	20	26	33	19
<b>Group<sup>2</sup></b>												
Loan outstandings as of the beg. of the quarter (€bn)	827.1	867.3	846.9	866.8	873.9	883.0	867.7	903.8	942.7	963.7	988.4	949.6
Cost of risk (€m)	3,203	5,717	896	813	706	510	2,925	456	789	947	773	2,965
Cost of risk (in annualised bp)	39	66	42	38	32	23	34	20	33	39	31	31
1. With Private Banking at 100% ; 2. Including cost of risk of market activities, Investment and Protection Services and Corporate Centre												



## **ALTERNATIVE PERFORMANCE MEASURES (APM) ARTICLE 223-1 OF THE AMF'S GENERAL REGULATION**

<b>Alternative Performance Measures</b>	<b>Definition</b>	<b>Reason for use</b>
<b>Operating division profit and loss account aggregates (revenues, operating expenses, gross operating income, operating income, pre-tax income)</b>	Sum of CPBS' profit and loss account aggregates (with Commercial & Personal Banking' profit and loss account aggregates, including 2/3 of private banking in France, Italy, Belgium, Luxembourg, Germany, Poland, Türkiye and United States), IPS and CIB  BNP Paribas Group profit and loss account aggregates = Operating division profit and loss account aggregates + Corporate Centre profit and loss account aggregates  Reconciliation with Group profit and loss account aggregates is provided in the tables "Results by Core businesses"	Representative measure of the BNP Paribas Group's operating performance
<b>Profit and loss account aggregates, excluding PEL/CEL effect (revenues, gross operating income, operating income, pre-tax income)</b>	Profit and loss account aggregates, excluding PEL/CEL effect  Reconciliation with Group profit and loss account aggregates is provided in the tables "Quarterly series"	Representative measure of the aggregates of the period excluding changes in the provision that accounts for the risk generated by PEL and CEL accounts during their lifetime
<b>Profit and loss account aggregates of Commercial &amp; Personal Banking activity with 100% of Private Banking</b>	Profit and loss account aggregate of a Commercial & Personal Banking activity including the whole profit and loss account of Private Banking  Reconciliation with Group profit and loss account aggregates is provided in the tables "Quarterly series"	Representative measure of the performance of Commercial & Personal Banking activity including the total performance of Private Banking (before sharing the profit & loss account with the Wealth Management business, Private Banking being under a joint responsibility of Commercial & Personal Banking (2/3) and Wealth Management business (1/3))
<b>Evolution of operating expenses excluding IFRIC 21</b>	Change in operating expenses excluding taxes and contributions subject to IFRIC 21.	Representative measure of the change in operating expenses' excluding the taxes and contributions subject to IFRIC 21 booked almost entirely in the first quarter for the whole year, given in order to avoid any confusion compared to other quarters
<b>Cost/income ratio</b>	Costs to income ratio	Measure of operational efficiency in the banking sector
<b>Cost of risk/Customer loans at the beginning of the period (in basis points)</b>	Cost of risk (in €m) divided by customer loans at the beginning of the period  Details of the calculation are disclosed in the Appendix "Cost of risk on Outstandings" of the Results' presentation	Measure of the risk level by business in percentage of the volume of outstanding loans
<b>Doubtful loans' coverage ratio</b>	Relationship between stage 3 provisions and impaired outstandings (stage 3), balance sheet and off-balance sheet, netted for collateral received, for customers and credit institutions, including liabilities at amortised cost and debt securities at fair value through equity (excluding insurance business)	Measure of provisioning for doubtful loans
<b>Net income Group share excluding exceptional items</b>	Net income attributable to equity holders excluding exceptional items  Details of exceptional items are disclosed in the slide "Main Exceptional Items" of the results' presentation	Measure of BNP Paribas Group's net income excluding non-recurring items of a significant amount or items that do not reflect the underlying operating performance, notably restructuring, adaptation, IT reinforcement and transformation costs.
<b>Return on Equity (ROE)</b>	Details of the ROE calculation are disclosed in the Appendix "Return on Equity and Permanent Shareholders' Equity" of the results' presentation	Measure of the BNP Paribas Group's return on equity
<b>Return on Tangible Equity (ROTE)</b>	Details of the ROTE calculation are disclosed in the Appendix "Return on Equity and Permanent Shareholders' Equity" of the results' presentation	Measure of the BNP Paribas Group's return on tangible equity



### **Methodology – Comparative analysis at constant scope and exchange rates**

The method used to determine the effect of changes in scope of consolidation depends on the type of transaction (acquisition, sale, etc.). The underlying purpose of the calculation is to facilitate period-on-period comparisons.

In case of acquired or created entity, the results of the new entity are eliminated from the constant scope results of current-year periods corresponding to the periods when the entity was not owned in the prior-year.

In case of divested entities, the entity's results are excluded symmetrically for the prior year for quarters when the entity was not owned.

In case of change of consolidation method, the policy is to use the lowest consolidation percentage over the two years (current and prior) for results of quarters adjusted on a like-for-like basis.

Comparative analysis at constant exchange rates are prepared by restating results for the prior-year quarter (reference quarter) at the current quarter exchange rate (analysed quarter). All of these calculations are performed by reference to the entity's reporting currency.

### **Reminder**

**Operating expenses:** sum of salary and employee benefit expenses, other operating expenses and depreciation, amortisation and impairment of property, plant and equipment. In the whole document, the terms operating expenses or costs can be used indifferently.

**Operating divisions:** they consist of 3 divisions:

- **Corporate and Institutional Banking (CIB)** including: Global Banking, Global Markets, and Securities Services.
- **Commercial, Personal Banking and Services (CPBS)** including:
  - Commercial & Personal Banking in France, in Belgium, in Italy, in Luxembourg, in Europe-Mediterranean and in the United-States;
  - Specialised businesses, with Arval & Leasing Solutions; BNP Paribas Personal Finance; New Digital Businesses (including Nickel, Lyf...) & Personal Investors;
- **Investment & Protection Services (IPS)** including: Insurance, Wealth and Asset Management, that includes Wealth Management, Asset Management, Real Estate and Principal Investments



<b>VERY SOLID RESULTS DRIVEN BY THE STRENGTH OF BNP PARIBAS' MODEL .....</b>	<b>3</b>
<b>CORPORATE &amp; INSTITUTIONAL BANKING (CIB).....</b>	<b>8</b>
<b>COMMERCIAL, PERSONAL BANKING &amp; SERVICES (CPBS).....</b>	<b>10</b>
<b>INVESTMENT &amp; PROTECTION SERVICES (IPS) .....</b>	<b>18</b>
<b>CORPORATE CENTRE.....</b>	<b>20</b>
<b>FINANCIAL STRUCTURE .....</b>	<b>21</b>
<b>APPLICATION OF IFRS 5 – RECONCILIATION TABLES (UNAUDITED).....</b>	<b>22</b>
<b>CONSOLIDATED PROFIT AND LOSS ACCOUNT.....</b>	<b>24</b>
<b>4Q22 – RESULTS BY CORE BUSINESSES .....</b>	<b>25</b>
<b>2022 – RESULTS BY CORE BUSINESSES .....</b>	<b>26</b>
<b>QUARTERLY SERIES .....</b>	<b>27</b>
<b>COST OF RISK.....</b>	<b>37</b>
<b>ALTERNATIVE PERFORMANCE MEASURES (APM) ARTICLE 223-1 OF THE AMF'S GENERAL REGULATION .....</b>	<b>38</b>

## **Investor Relations & Financial Information**

Chrystelle Renaud +33 (0)1 42 98 46 45

Raphaëlle Bouvier Flory +33(0)1 42 98 45 48

Lisa Bugat +33 (0)1 42 98 23 40

Didier Leblanc +33 (0)1 42 98 43 13

Patrice Ménard +33 (0)1 42 98 21 61

Olivier Parenty +33 (0)1 55 77 55 29

---

### **Debt Investor Relation Officer**

Didier Leblanc +33 (0)1 42 98 43 13

---

E-mail: [investor.relations@bnpparibas.com](mailto:investor.relations@bnpparibas.com)

<https://invest.bnpparibas.com>



# **BNP PARIBAS**

The bank  
for a changing  
world





# 2022 FULL YEAR RESULTS

7 February 2023



**BNP PARIBAS**

The bank for a changing world

## Disclaimer

---

*The figures included in this presentation are unaudited.*

*This presentation includes forward-looking statements based on current beliefs and expectations about future events. Forward-looking statements include financial projections and estimates and their underlying assumptions, statements regarding plans, objectives and expectations with respect to future events, operations, products and services, and statements regarding future performance and synergies. Forward-looking statements are not guarantees of future performance and are subject to inherent risks, uncertainties and assumptions about BNP Paribas and its subsidiaries and investments, developments of BNP Paribas and its subsidiaries, banking industry trends, future capital expenditures and acquisitions, changes in economic conditions globally, or in BNP Paribas' principal local markets, the competitive market and regulatory factors. Those events are uncertain; their outcome may differ from current expectations which may in turn significantly affect expected results. Actual results may differ materially from those projected or implied in these forward-looking statements. Any forward-looking statement contained in this presentation speaks as of the date of this presentation.*

*BNP Paribas undertakes no obligation to publicly revise or update any forward-looking statements in light of new information or future events. It should be recalled in this regard that the Supervisory Review and Evaluation Process is carried out each year by the European Central Bank, which can modify each year its capital adequacy ratio requirements for BNP Paribas.*

*The information contained in this presentation as it relates to parties other than BNP Paribas or derived from external sources has not been independently verified and no representation or warranty expressed or implied is made as to, and no reliance should be placed on, the fairness, accuracy, completeness or correctness of the information or opinions contained herein. Neither BNP Paribas nor its representatives shall have any liability whatsoever in negligence or otherwise for any loss however arising from any use of this presentation or its contents or otherwise arising in connection with this presentation or any other information or material discussed.*

*The sum of values contained in the tables and analyses may differ slightly from the total reported due to rounding.*

*Photo credits (cover page): onlyyouqj; HBS; A\_B\_C; Adam (Adobe stock).*

**Unless otherwise mentioned, the financial information and items contained in this announcement include the activity related to BancWest reflecting an operational view. Such financial information and items therefore do not reflect the effects produced by applying IFRS 5, which pertains to non-current assets and liabilities held for sale. The press release pertaining to 2022 full year results includes in appendix a reconciliation between the operational view presented without applying IFRS 5 and the consolidated financial statements based on an application of IFRS 5.**



## 2022: Very solid results driven by the strength of BNP Paribas' model

### Strong growth in revenues, supported by all divisions

- Very strong increase in **Corporate & Institutional Banking (+15.7%)**
- Strong growth in **Commercial, Personal Banking & Services<sup>1</sup> (+9.3%)**
- Increase in revenues in **Investment & Protection Services (+3.0%)**

### Positive jaws effect

(+0.7 pt, +1.5 pt excluding the contribution to the Single Resolution Fund)

### Prudent, proactive and long-term risk management reflected in low cost of risk

### Very strong increase in net income<sup>4</sup>

(+19.0% vs. 2021 excluding exceptional items<sup>5</sup>)

### Return to shareholders of 60% applied to distributable income including the contribution of Bank of the West<sup>7</sup>

**Revenues:** +9.0% vs. 2021

**Operating expenses:** +8.3% vs. 2021  
(+7.6% excl. contribution to the SRF<sup>2</sup>)

(at constant scope and exchange rates)

**Revenues:** +6.6% vs. 2021

**Operating expenses:** +5.3% vs. 2021

**Cost of risk:** 31 bps<sup>3</sup>

**Net income<sup>4</sup>:** €10,196m  
+7.5% vs. 2021

**CET1 ratio<sup>6</sup>:** 12.3%

**EPS<sup>8</sup>:** €7.80

**Dividend<sup>9</sup>:** €3.90

### Share buyback programme totalling €5bn planned in 2023<sup>10</sup>

- €4bn related to the sale of Bank of the West and €1bn as part of the ordinary distribution
- Executed in two equivalent tranches (request submitted to the ECB for a first tranche of €2.5bn<sup>11</sup>)

1. Including 100% of Private Banking in Commercial & Personal Banking (including PEL/CEL effects in France); 2. Single Resolution Fund; 3. Cost of risk / customer loans outstanding at the beginning of the period (in bps); 4. Group share; 5. See slide 9; 6. CRD4; including IFRS9 transitional arrangements – See slide 16; 7. Subject to the approval of the General Meeting of 16 May 2023 and ECB authorisation; 8. Earnings per Share; 9. Subject to the approval of the General Meeting of 16 May 2023; 10. Subject to ECB authorisation; 11. €962m related to the ordinary distribution of 2022 income and €1.54bn to the sale of BoW



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 3

## Sale of Bank of the West

### — Closing of the sale of Bank of the West to BMO Financial Group on 1 February 2023

**Total consideration of \$16.3bn,  
or a P/TBV multiple of 1.72x<sup>1</sup>**

**Net capital gain on sale<sup>2</sup>:  
~€2.9bn booked in 1Q23**

**Release of Common Equity Tier 1 (CET1) capital from the sale:  
~€11.6bn (~170 bps) in 1Q23**

#### **Strengthening the diversified & integrated model**

Gradual and disciplined redeployment of **~€7.6bn,  
or (~110 bps)**

- Acceleration in organic growth
- Targeted investments (technologies & innovative and sustainable business models)
- Bolt-on acquisitions in value-added businesses

#### **Compensation of dilution related to the sale**

Share buyback programmes: **€4bn planned for  
2023, or (~60 bps)<sup>3</sup>**

- 1<sup>st</sup> tranche of €1.5bn<sup>4</sup> (request submitted to the ECB)
- 2<sup>nd</sup> tranche of €2.5bn planned for 2H23

1. Tangible book value as at 30.09.21; 2. Booking in non-operating exceptional items under Corporate Centre in 1Q23;  
3. €4.04bn - upon customary condition precedents, including ECB authorisations; 4. Request submitted to the ECB for €1.54bn together with €962m related to the ordinary distribution of 2022 income



## GTS 2025 Plan

Strategic pillars reaffirmed, ambitions revised upward

### Additional growth potential supporting a trajectory revised upward

Additional growth with the redeployment of capital released by the sale of Bank of the West (~€7.6bn, or ~110 bps of CET1<sup>1</sup>)

~+€3.0bn (C/I ~60% and ROTE<sup>4</sup> ~12%) of additional revenues by 2025 compared to the initial assumptions of the GTS 2025 plan

Combined with the positive impact of the rise in interest rates in 2022

>+€2.0bn (~80% benefiting CPBS) of additional revenues by 2025 compared to the initial assumptions of the GTS 2025 plan

### Ambitions revised upward

Net income<sup>2</sup>: CAGR 22-25 >+9%

EPS<sup>3</sup>: CAGR 22-25 >+12%, or 40% over the period

ROTE<sup>4</sup> 2025: ~12%

### Disciplined growth

Positive jaws effect every year > 2 pts on average<sup>5</sup>

1. After the share buyback programmes related to the sale of Bank of the West; 2. Group share; 3. Earnings per share; 4. Return on tangible equity; 5. CAGR 22-25 Revenues minus CAGR 22-25 Operating expenses, excluding the positive impact of the change in accounting standards; see slide 48



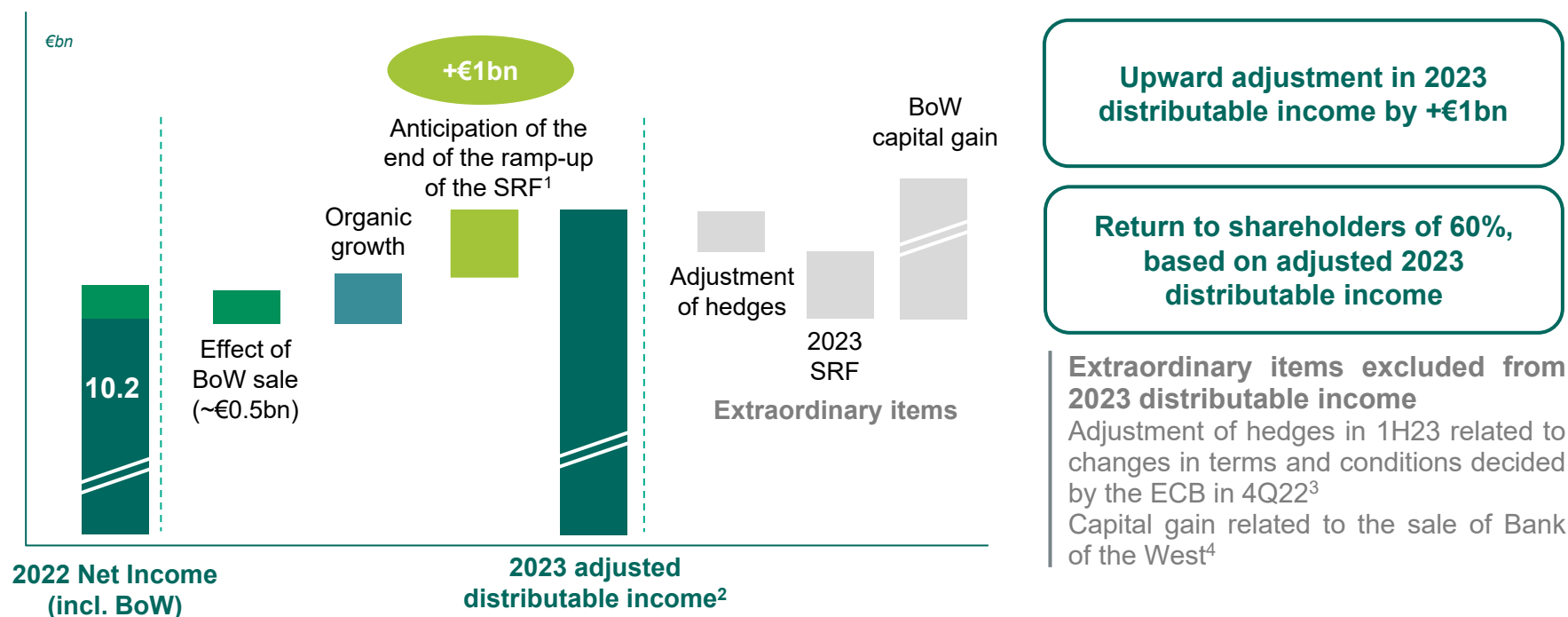
BNP PARIBAS

The bank for a changing world

2022 Full Year Results | 5

## A unique positioning

### 2023 distributable income: post-Bank of the West sale and post-SRF



- Strong increase in 2023 distributable income, as per the objective (CAGR 22-25 >+9%)
- Growth in 2023 EPS boosted by share buyback programmes (€5bn planned in 2023<sup>5</sup>) & therefore anticipated higher than the objective (CAGR 22-25 >+12%)

1. Single Resolution Fund; 2. Note: Illustration of the distributable income before taking into account the remuneration net of tax of Undated Super Subordinated Notes ("TSSDI"); 3. Booked in 1H23 under Corporate Centre revenues; 4. See slide 4; 5. Subject to ECB authorisation



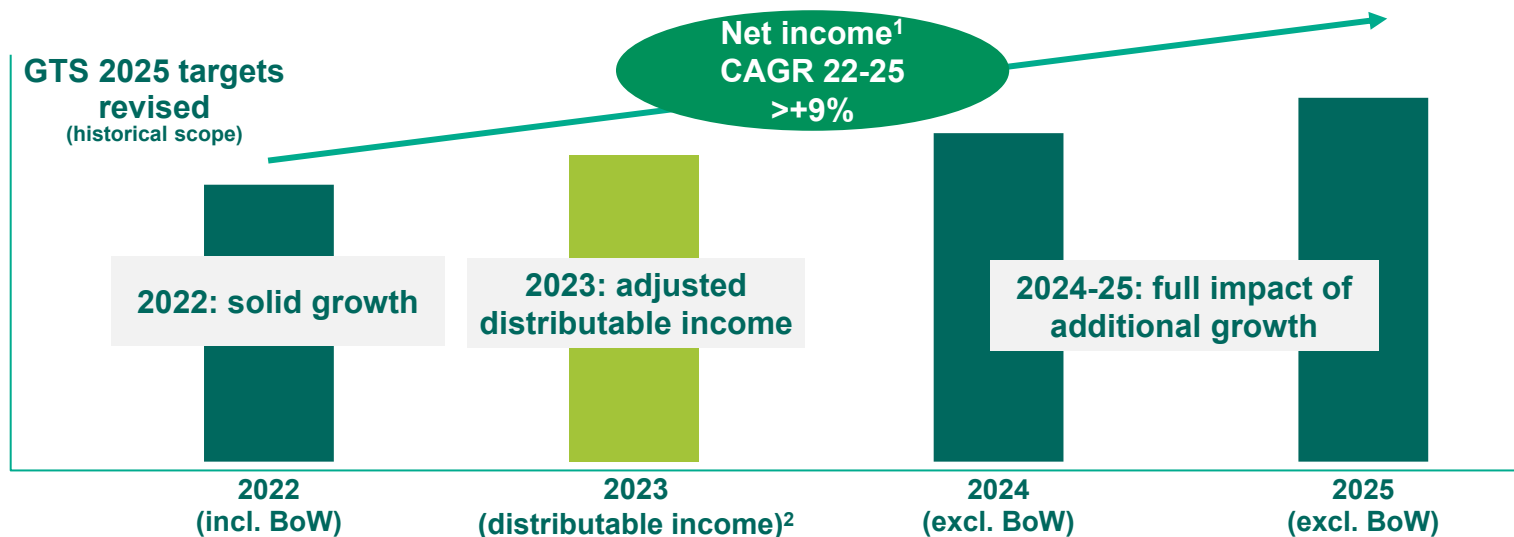
BNP PARIBAS

The bank for a changing world

2022 Full Year Results | 6

## GTS 2025 Plan targets raised

### Strong and steady growth in distributable income



### Strong and steady growth in EPS<sup>3</sup> sustained by the execution of share buybacks each year<sup>4</sup>

EPS<sup>3</sup> growth target stepped up:  
CAGR 22-25: >+12% or ~+40% over the period

1. Group share; 2. Adjusted distributable income; see slide 6; 3. Earnings per share; 4. Upon customary condition precedents, including ECB authorisations



BNP PARIBAS

The bank for a changing world

2022 Full Year Results | 7





**BNP PARIBAS**

# GROUP RESULTS

DIVISION RESULTS

CONCLUSION

4Q22 DETAILED RESULTS

APPENDICES



## Main exceptional items – 2022

### Very negative level in 2022

#### ● Exceptional items

##### Operating expenses

- Restructuring costs and adaptation costs (*Corporate Centre*)
- IT reinforcement costs (*Corporate Centre*)

##### *Total exceptional operating expenses*

##### Cost of risk

- Impact of the “Act on assistance to borrowers” in Poland (*Corporate Centre*)

##### *Total exceptional cost of risk*

##### Other non-operating items

- Badwill (bpost bank) (*Corporate Centre*)
- Capital gain on the sale of a stake (*Corporate Centre*)
- Impairment (Ukrsibbank) (*Corporate Centre*)
- Reclassification to profit-and-loss of exchange differences<sup>1</sup> (Ukrsibbank) (*Corporate Centre*)
- Capital gain on the sale of buildings (*Corporate Centre*)
- Capital gain on the sale of Allfunds shares<sup>2</sup> (*Corporate Centre*)
- Goodwill impairments (*Corporate Centre*)
- Capital gain on the sale of a BNP Paribas Asset Management stake in a JV (*Wealth and Asset Management*)

##### *Total exceptional other non-operating items*

##### Total exceptional items (pre-tax)

##### Total exceptional items (after tax)<sup>3</sup>

#### ● Taxes and contributions based on the application of IFRIC 21 “Taxes”<sup>4</sup>

2022	2021
-€188m	-€164m
-€314m	-€128m
<b>-€502m</b>	<b>-€292m</b>
-€204m	
<b>-€204m</b>	
+€244m	
+€204m	
-€159m	
-€274m	
	+€486m
	+€444m
	-€74m
	+€96m
<b>+€15m</b>	<b>+€952m</b>
<b>-€691m</b>	<b>+€660m</b>
<b>-€521m</b>	<b>+€479m</b>
<b>-€1,914m</b>	<b>-€1,516m</b>

1. Previously recorded in Consolidated Equity; 2. Disposal of 8.69% stake in Allfunds; 3. Group share; 4. Including the contribution to the Single Resolution Fund



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 9

## 2022 – Consolidated Group

Very solid results, strong growth and positive jaws effect

	2022	2021	2022 vs. 2021	2022 vs. 2021 At constant scope & exchange rates	2022 vs. 2021 Operating divisions
<b>Revenues</b>	<b>€50,419m</b>	<b>€46,235m</b>	<b>+9.0%</b>	<b>+6.6%</b>	<b>+10.4%</b>
Operating expenses	-€33,702m	-€31,111m	+8.3%	+5.3%	+8.0%
<b>Gross operating income</b>	<b>€16,717m</b>	<b>€15,124m</b>	<b>+10.5%</b>	<b>+9.3%</b>	<b>+14.9%</b>
Cost of risk	-€2,965m	-€2,925m	+1.4%	-7.6%	+0.5%
<b>Operating income</b>	<b>€13,752m</b>	<b>€12,199m</b>	<b>+12.7%</b>	<b>+13.4%</b>	<b>+18.0%</b>
Non-operating items	€698m	€1,438m	-51.5%	na	+13.4%
<b>Pre-tax income</b>	<b>€14,450m</b>	<b>€13,637m</b>	<b>+6.0%</b>	<b>+9.6%</b>	<b>+17.8%</b>
<b>Net income, Group share</b>	<b>€10,196m</b>	<b>€9,488m</b>	<b>+7.5%</b>		
<b>Net income, Group share excluding exceptional items<sup>1</sup></b>	<b>€10,718m</b>	<b>€9,009m</b>	<b>+19.0%</b>		

**Return on tangible equity (ROTE)<sup>2</sup>: 10.2%**

1. See slide 9; 2. Not revaluated; see detailed calculation on slide 93



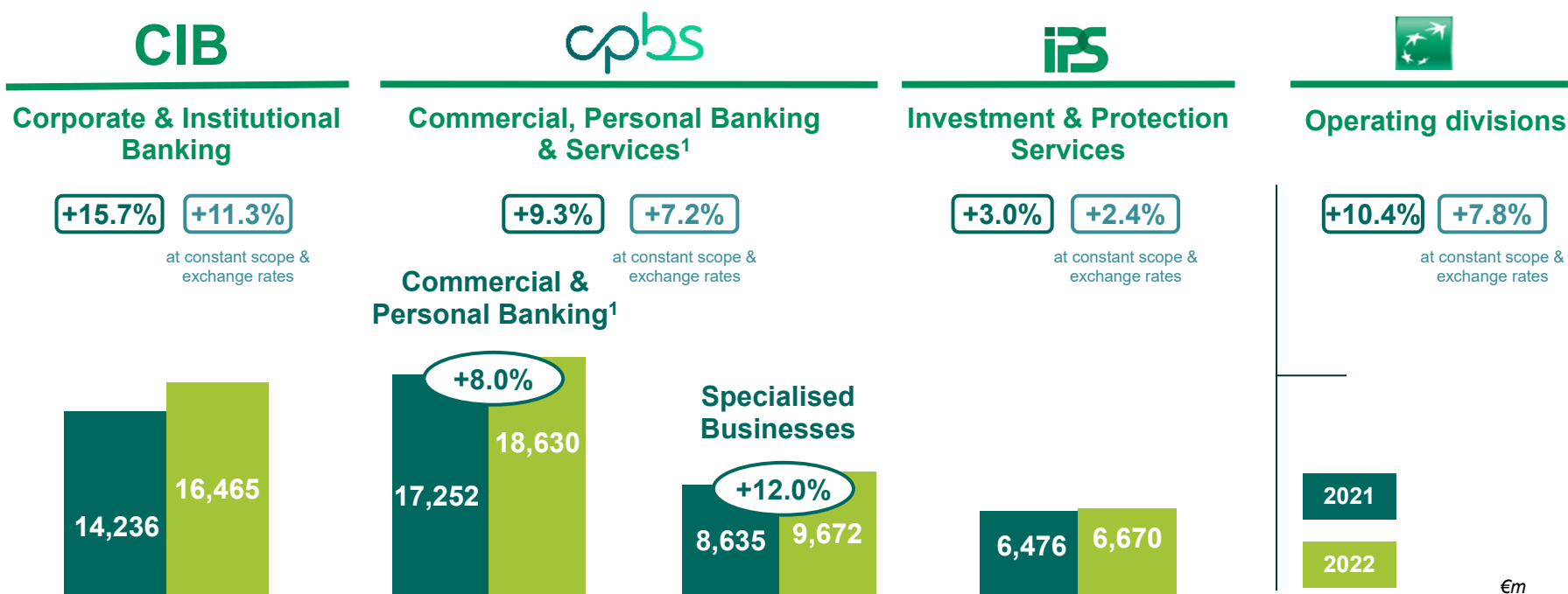
**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 10

## 2022 – Revenues

Revenue growth in all divisions

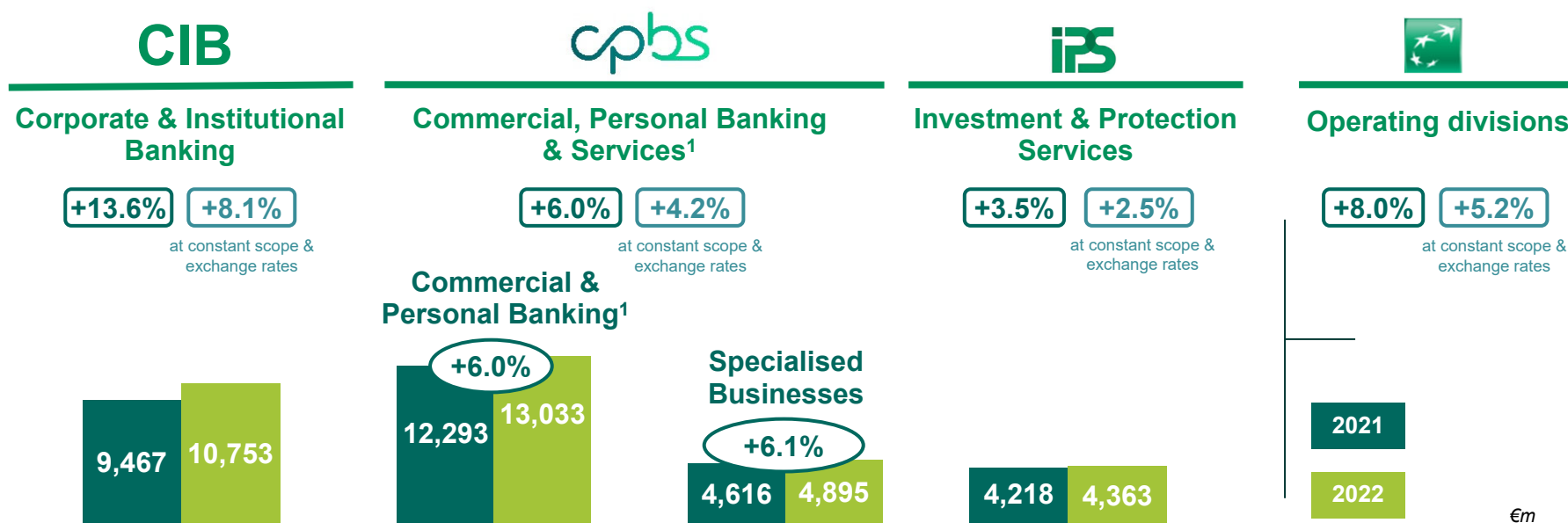


- **CIB:** very strong increase driven by the very good performance at Global Markets and Securities Services – rise in Global Banking in an unfavourable market
- **CPBS:** strong growth in Commercial & Personal Banking driven by the strong increase in net interest income and the rise in fees – very strong rise in revenues in the Specialised Businesses (Arval in particular)
- **IPS:** increase in an unfavourable market context, sustained in particular by the strong increase in Private Banking

1. Including 100% of Private Banking in Commercial & Personal Banking (including PEL/CEL effects in France)

## 2022 – Operating expenses

### Positive jaws effects



- **CIB:** support for business growth and change of scope and exchange rates effect – positive jaws effect (+2.1 pts)
- **CPBS:** increase in operating expenses with the growth in business activity and scope impacts in Commercial & Personal Banking and Specialised Businesses – very positive jaws effect (+3.3 pts)
- **IPS:** increase in operating expenses driven in particular by business development and targeted initiatives – jaws effect ~0 pt (at constant scope and exchange rates)

1. Including 100% of Private Banking in Commercial & Personal Banking



**BNP PARIBAS**

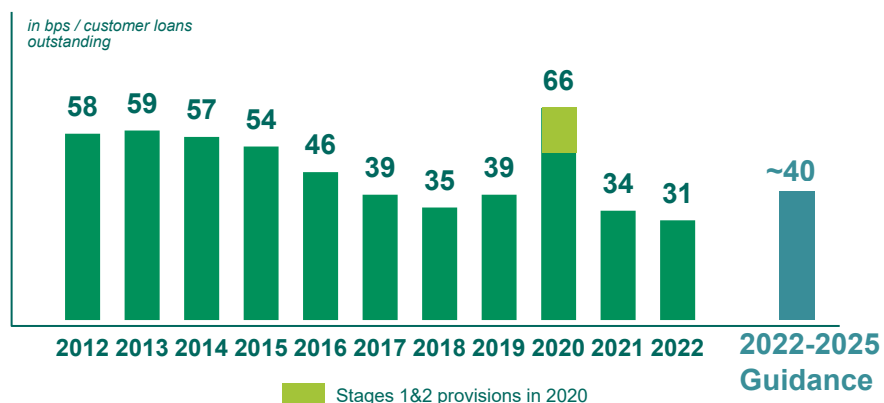
The bank for a changing world

2022 Full Year Results | 12

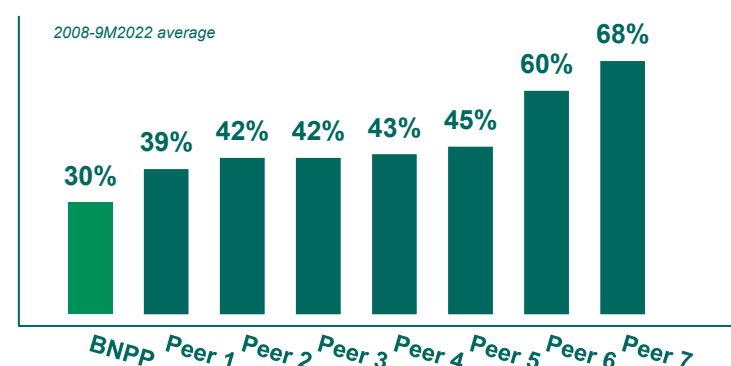
## Cost of risk – 2022

### Group

**Proactive and long-term management reflected in a low cost of risk**



**Prudent approach: CoR / GOI ratio among the lowest in Europe<sup>1</sup>**



- Cost of risk: €2,965m (+€40m vs. 2021)
- Cost of risk at a low level
- Provisions on non-performing loans (stage 3) at a low level
- Provision of €463m on performing loans (stages 1 & 2) related particularly to the indirect effects of the invasion of Ukraine, higher inflation and interest rates, partly offset by releases of provisions related to the public health crisis and changes in method<sup>2</sup> (-€251m in 4Q22)
- Reminder: Impact in 3Q22 of the “Act on assistance to borrowers” in Poland (+€204m)

1. Source: publications of Eurozone banks: BBVA, Crédit Agricole SA, Deutsche Bank, Intesa SP, Santander, Société Générale, Unicredit; 2. To align with specific European standards



**BNP PARIBAS**

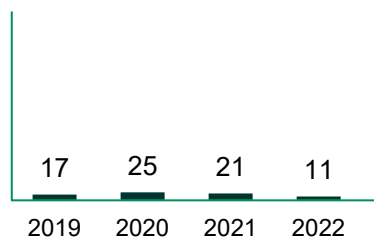
The bank for a changing world

2022 Full Year Results | 13

## Cost of risk – 2022 (1/2)

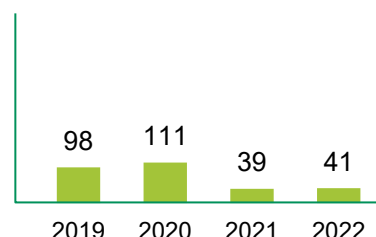
Cost of risk / Customer loans outstanding at the beginning of the period (in bps)

### CPBF<sup>1</sup>



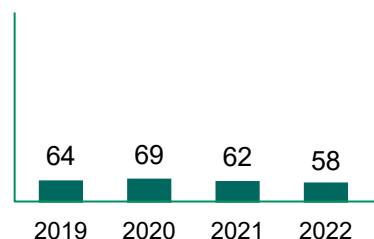
- €237m (-€204m vs. 2021)
- Decrease of cost of risk on non-performing loans<sup>2</sup>
- Strong release of provisions (stages 1 & 2) due to a change in method in 4Q22 (-€163m)<sup>3</sup>

### Europe-Mediterranean<sup>1</sup>



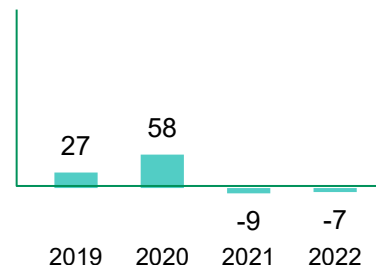
- €153m (+€9m vs. 2021)
- Low cost of risk with a decrease in provisions on non-performing loans<sup>2</sup>

### BNL bc<sup>1</sup>



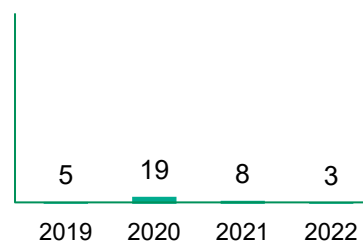
- €465m (-€22m vs. 2021)
- Low cost of risk with a decrease in provisions on non-performing loans<sup>2</sup>
- 2021 Reminder: Release of provisions (stages 1 & 2)

### BancWest<sup>1</sup>



- -€39m (+€6m vs. 2021)
- Release of provisions (stages 1 & 2) particularly in 1Q22

### CPBB<sup>1</sup>



- €36m (-€63m vs. 2021)
- Very low cost of risk with a decrease in provisions on non-performing loans<sup>2</sup>

1. Including 100% of Private Banking; 2. Stage 3; 3. To align with specific European standards



**BNP PARIBAS**

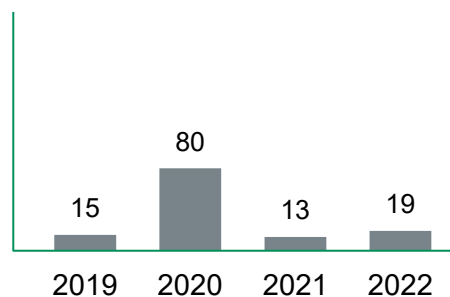
The bank for a changing world

2022 Full Year Results | 14

## Cost of risk – 2022 (2/2)

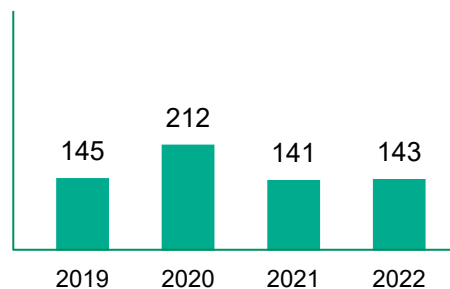
Cost of risk / Customer loans outstanding at the beginning of the period (in bps)

### ● CIB – Global Banking



- €336m (+€136m vs. 2021)
- Cost of risk at a low level
- Decrease of cost of risk on non-performing loans<sup>1</sup>
- Provisions on performing loans (stages 1 & 2) –
- Reminder: release of provisions on performing loans in 2021

### ● Personal Finance



- €1,373m (+€59m vs. 2021)
- Cost of risk at a low level
- Decrease in cost of risk on non-performing loans<sup>1</sup>
- Reminder: release of provisions (stages 1 & 2) in 2021

1. Stage 3



BNP PARIBAS

The bank for a changing world

2022 Full Year Results | 15

## 2022 – A solid financial structure

### ● CET1 ratio: 12.3%<sup>1</sup> as at 31.12.22 (+20 bps vs. 30.09.22)

- 4Q22 results after taking into account a 60% pay-out ratio (including the 2022 contribution of BancWest), net of changes in risk-weighted assets: +20 bps
- Overall limited impact of other effects on the ratio

### ● Reminder: impacts since 31.12.21

- 2022 results after taking into account a 60% pay-out ratio net of organic growth in risk-weighted assets: +30 bps
- Effect of the acceleration in growth: -20 bps
- Impact on Other Comprehensive Income (OCI) of market prices: -40 bps
- Impacts from the updating of models and regulations<sup>2</sup>: -30 bps

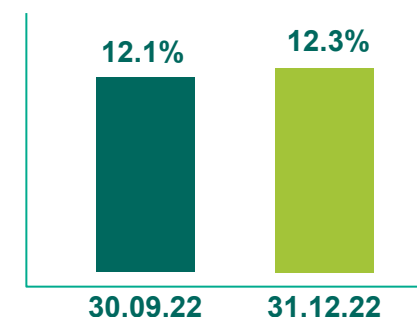
### ● Leverage ratio<sup>3</sup>: 4.4% as at 31.12.22

### ● Perspectives:

- Impact on the CET1 ratio of the closing of the Bank of the West sale: ~+170 bps as at 01.02.23
- Impact on the leverage ratio of the closing of the Bank of the West sale: ~+40 bps as at 01.02.23
- Impact of the 1<sup>st</sup> €2.5bn share buyback tranche on the CET1 ratio: ~-20 bps as soon as ECB approval is obtained
- Impact of the application of IFRS17 on the CET1 ratio: ~-10 bps

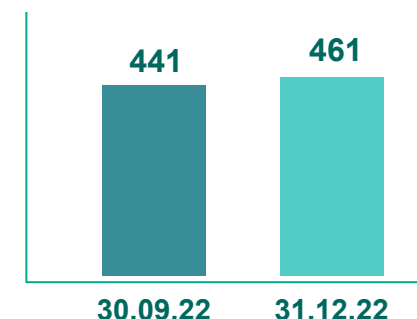
### ● Liquidity Coverage Ratio: 129% as at 31.12.22

### ● CET1 ratio



### ● Liquidity reserve (€bn)<sup>4</sup>

Room to manoeuvre > 1 year in terms of wholesale funding



1. CRD4; including IFRS9 transitional arrangements; see slide 95; 2. In particular IRB Repair and application of the new regulation on currency risk in structural positions and including the effects of the hyperinflation situation in Türkiye;

3. Calculated in accordance with Regulation (EU) 2019/876; 4. Liquid market assets or eligible assets in central banks (counterbalancing capacity), taking into account prudential standards, notably US standards, minus intra-day payment system needs



BNP PARIBAS

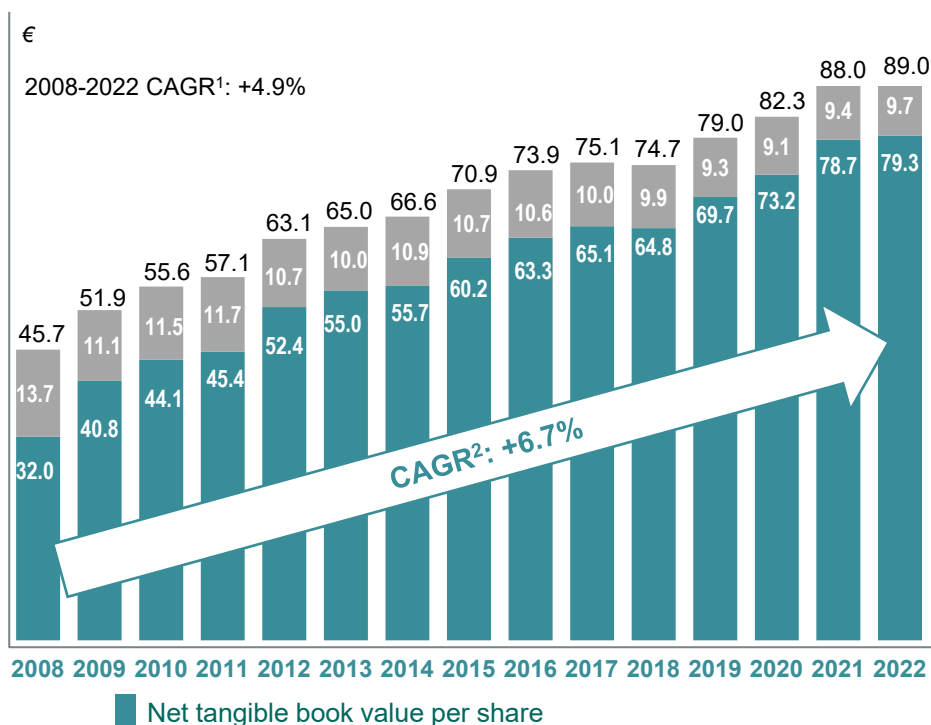
The bank for a changing world

2022 Full Year Results | 16



## Continuous and strong value creation throughout the cycle

**Steady increase in tangible equity per share: €79.3**



### Ordinary distribution: 60% of 2022 results

- Taking the Bank of the West contribution into account
- Dividend: €3.90 per share paid in cash<sup>3</sup> (or 50% of distributable income)
- Share buyback programme: €962m<sup>4</sup> (or 10% of distributable income) (request submitted to the ECB)

### Extraordinary distribution related to the sale of Bank of the West

- Share buyback programmes: €4.04bn planned for 2023<sup>5</sup>
- 1<sup>st</sup> tranche of €1.54bn<sup>4</sup> (request submitted to the ECB)
- Launch of a 2<sup>nd</sup> tranche of €2.5bn planned for 2H23<sup>5</sup>

### €5bn in share buyback programmes planned for 2023<sup>5</sup>

Request submitted to the ECB for a 1<sup>st</sup> tranche of €2.5bn<sup>6</sup>

1. Of net book value per share; 2. Of net tangible book value per share for the 2008-2022 period; 3. Subject to the approval of the General Meeting of 16 May 2023, detached on 22 May 2023, paid out on 24 May 2023; 4. Pending ECB authorisation; 5. Upon customary condition precedents, including ECB authorisations; 6. €962m related to the ordinary distribution of 2022 income and €1,54bn from the sale of Bank of the West



**BNP PARIBAS**

The bank for a changing world

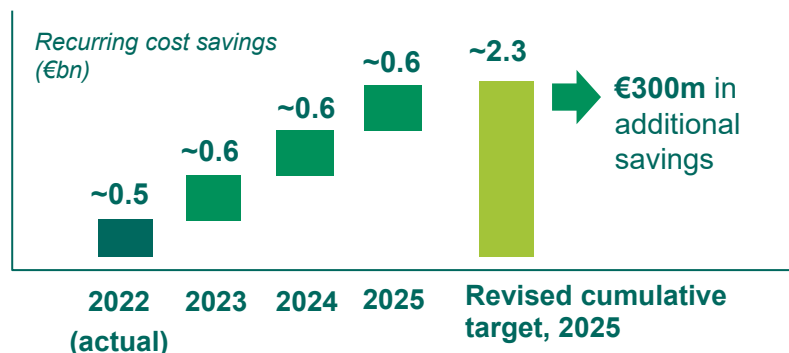
2022 Full Year Results | 17

# Robust operational performance and disciplined expansion at the heart of growth

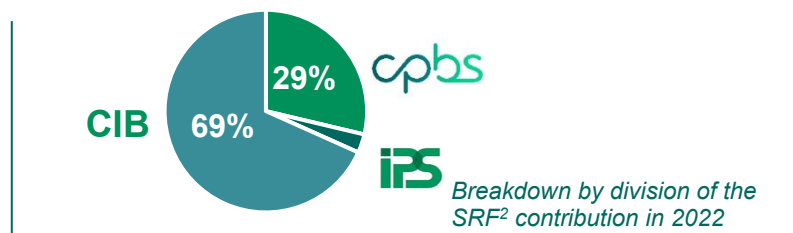
**2022–2025 objective:**  
Positive jaws effect each year  
>+2pts on average<sup>1</sup>

**Solid levers supporting operational performance and growth at marginal cost in an inflationary context**

- **A recurring cost-savings plan of €2.3bn**  
Revised target: €300m in additional savings compared to the initial plan



- **End of the ramp-up of the SRF<sup>2</sup>: -€1bn in operating expenses between 2023 and 2024<sup>3</sup>**



**Industrialised platforms & pooled resources**

**Development of specialised internal shared service centres (SSCs) and pooled technical platforms**

2025 target: +25% increase (5000 FTEs<sup>4</sup>) in resources in the main SSCs

**Outsourcing & pooling of activities with partners (banks and non-banking)** (already started in 2022)

**Ongoing effort to simplify and automate customer journeys & processes**

**New ways of working, new uses & space optimisation**

**Optimisation of premises costs**

Buildings combining several business lines  
Minimising the proportion of inner-city locations

New ways of working as a catalyst

2025 target: mutualisation ratio<sup>5</sup> lowered to <0.75 (>1 in 2021)

**Cost discipline, particularly in external costs**

**Rigorous discipline in managing external spending in an inflationary environment**

Proactive management of external spending  
Action plan combining actions on both demand and on prices

1. CAGR 22-25 Revenues minus CAGR 22-25 Operating expenses, excluding the positive impact of the change in accounting standards, see slide 48; 2. SRF: Single Resolution Fund;

3. Stabilisation of similar contributions to local banking taxes estimated at €200m annually, effective 2024; 4. Including external assistants; 5. Mutualisation ratio: number of offices / number of occupants



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 18

## Technology at the heart of the GTS 2025 plan

A global strategy supporting major achievements by 2025

### Secured use of cloud technology

**IT upgrades:** enhanced stability & security, decrease in time-to-market and reduction of costs

**>30% of the information system hosted on the Group's clouds**, o/w ~10% on the dedicated cloud  
2025 target: >60%, >30% on the dedicated cloud  
**>13K employees certified through specific training**

### Accelerated convergence of technological platforms

**Facilitation of value creation by sharing IT assets via** an internal digital self-service **marketplace**

Available since December 2021  
**~300 IT products available**, >500K visits, >62K downloads as at end-2022

### Broad roll-out of APIisation

**Widespread adoption of APIisation through a Group platform:** interoperability & rationalisation of information systems

**+660 APIs available**, ~620m transactions per month (>2025 target)  
**Nb of API x3** vs. the target set at the end of 2022

### Extended use of AI, data and robotics

**Accelerated deployment of AI-related operational use cases by leveraging all in-house solutions**

**~670 AI use cases** rolled out in 2022 (+57% vs. end 2021)  
2025 target: ~1000 use cases  
Two Group data science platforms deployed in the Group clouds

**An operating model providing standardised IT services and platforms, pooled and interoperable, limiting IT risks**



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 19

## Sustainable finance

### Group mobilisation and external recognition

**Mobilised alongside clients to support them in the transition towards a sustainable economy and to align portfolios with the commitment to carbon neutrality**

<b>Sustainable loans</b> to Corporates, Institutionals & Individuals <i>dedicated to sustainable projects</i> <sup>1</sup>	▶	€87bn at end-2022	<u>2025 target: €150bn</u>
<b>Sustainable bonds</b> <i>issued for BNP Paribas clients between 2022 &amp; 2025</i> <sup>2</sup>	▶	€32bn at end-2022	<u>2025 target: €200bn</u>
<b>Assets under management in SFDR Article 8 and 9 funds</b> <i>in 2025</i> <sup>3</sup>	▶	€223bn at end-2022	<u>2025 target: €300bn</u>
<b>Amount of support</b> <i>enabling clients to transition to a low-carbon economy</i> <sup>4</sup>	▶	€44bn at end-2022	<u>2025 target: €200bn</u>

**N°1 worldwide<sup>5</sup> in green bonds** with \$19.5bn

**N°3 worldwide<sup>5</sup> in sustainability-linked loans** with \$17.9bn



**World's top bank in sustainable finance in 2022**



**2022 European leader in** combatting climate change and protecting biodiversity



**Prize for the year's best Net-Zero progress in EMEA** (Europe, Middle East, Africa)

1. Amount of sustainable loans related to environmental or social issues granted by BNP Paribas to its clients; 2. 2022-2025 cumulative amount of all types of sustainable bonds (total amount divided by the number of bookrunners); 3. BNP Paribas Asset Management open-ended funds distributed in Europe and classified Article 8 or 9 under SFDR; 4. Green loans, green bonds, and all financing supporting low-carbon technologies, such as renewable energies, green hydrogen, etc.; 5. Source: Bloomberg, bookrunner in volume as at 31.12.22



**BNP PARIBAS**

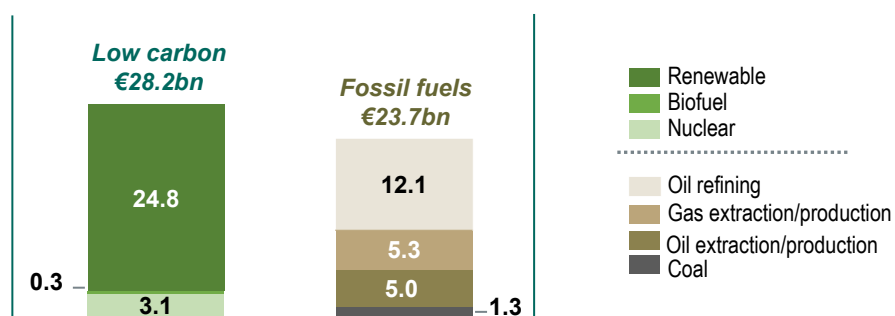
La banque d'un monde qui change

Résultats au 31.12.21 | 20

## A new acceleration in financing the energy transition<sup>1</sup>

BNP Paribas has already made a major pivot towards financing low-carbon energy production

### Financing of energy production<sup>1</sup>:



Source: Loans outstanding in billions of euros as at 30 September 2022

- Financing outstandings **almost 20% higher in production of low-carbon energies** than those for **fossil fuel production as of end-September 2022**
  - No financing to oil projects** since 2016
  - Coal exit already well underway** and will be completed by 2030 in EU and OECD countries

A new phase of rapid acceleration in financing the production of low-carbon energies and reducing financing for fossil fuels

### Objectives for 2030

- €40bn in financing outstandings in the production of low-carbon energies, primarily renewables
- Less than €1bn in financing outstandings for oil extraction and production (>+80% decrease compared to the current level of €5bn)
- +30% reduction in financing outstandings for gas extraction and production

**Objectif 2030:** 80% of financing outstandings in energy production will be for low-carbon energy

1. See press release of 24 January 2023



BNP PARIBAS

The bank for a changing world

2022 Full Year Results | 21

## A reinforced Internal Control Set-up

- **An even more solid control and compliance set-up and ongoing efforts in inserting a reinforced compliance culture into daily operations**
  - **Ongoing improvement of the operating model for combating money laundering and terrorism financing:**
    - A standards-based, risk-adjusted approach, with a risk management set-up shared between business lines and Compliance (know-your-client, reviewing unusual transactions, etc.)
    - Reinforced Group-level steering with regular reporting to monitoring and supervisory bodies
  - **Ongoing reinforcement of set-up for complying with international financial sanctions:**
    - Thorough and diligent implementation of measures necessary for enforcing international sanctions as soon as they have been published
    - Broad dissemination of the procedures and intense centralisation, guaranteeing effective and consistent coverage of the surveillance perimeter
    - Continuous optimisation of cross-border transaction filtering tools and screening of relationship databases
  - **Ongoing improvement of the anti-corruption framework with increased integration into the Group's operational processes**
  - **Intensified on-line training programme:** compulsory programmes for all employees on financial security (Sanctions & Embargos, Combatting Money Laundering & Terrorism Financing), on combating corruption, protecting clients' interests, market integrity, and all topics dealt with in the Group's Code of Conduct.
  - **Ongoing missions of the General Inspection dedicated to insuring financial security within entities generating USD flows.** These successive missions have been conducted since the start of 2015 in the form of 18-month cycles. The first four cycles achieved a steady improvement in processing and audit mechanisms. The fifth cycle was begun in 2Q21 and proceeded at a good pace despite public health constraints. It achieved results similar to those of previous cycles and was completed in July 2022. A sixth cycle was launched at the same frequencies and will be completed in December 2023.
- **The remediation plan agreed as part of the June 2014 comprehensive settlement with the US authorities is now mostly completed**



GROUP RESULTS

# DIVISION RESULTS

CONCLUSION

4Q22 DETAILED RESULTS

APPENDICES

# Corporate & Institutional Banking – 2022

Very good level of results sustained by strong client activity

- **Good business drive, leveraging a diversified and integrated model**
  - **Financing:** a good performance amidst decreasing primary markets (syndicated loans, bonds and equities)
  - **Markets:** strong client demand on rates and foreign exchange markets, emerging markets and for commodity derivatives; a good level of demand in equities
  - **Securities Services:** strong business drive and continued high level of transactions
- **Confirmation of leadership positions**
  - **#1 in EMEA** in **syndicated loans** and **bond issues** as well as in **Transaction Banking** (cash management and trade finance)
  - **Leadership** positions on **multi-dealer electronic platforms**

**Revenues: €16,465m**  
**(+15.7% vs. 2021)**

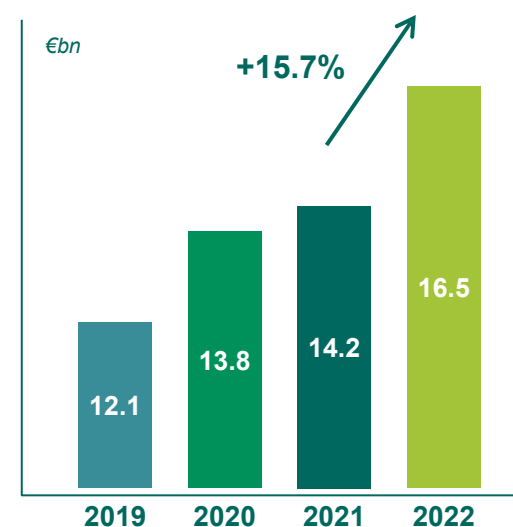
- +11.3% at constant scope and exchange rates
- Increases in all three businesses
- Very good performance of Global Banking in an unfavourable context (+2.6%)
- Very strong rise at Global Markets (+27.0%)
- Solid increase at Securities Services (+11.0%)

**Operating expenses: €10,753m**  
**(+13.6% vs. 2021)**

- Positive jaws effect (+2.1 pts)
- Increase driven by business development and exchange rate effects
- +8.1% at constant scope and exchange rates

● **CIB within the Top 3 in EMEA<sup>1</sup>**

● **Strong growth in revenues**



**Pre-tax income: €5,398m**  
**(+16.0% vs. 2021)**

1. Source: Coalition Greenwich 3Q22 Competitor Analytics YTD. Ranking based on Coalition Greenwich Index banks and on BNP Paribas product scope. EMEA: Europe, Middle-East, Africa



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 24



## CIB – Global Banking – 2022

### Very good business drive in an unfavourable context

#### ● Good level of activity sustained by the diversified model, with a very strong rebound in 4Q22

- Good resilience on global syndicated loan, bond and equity markets down by 17%<sup>1</sup> vs. 2021
- **Transaction Banking:** strong increase in activity in all three regions
- **Loans** (€188bn in 4Q22, +10.5% vs. 4Q21<sup>2</sup>): sustained increase in loans outstanding
- **Deposits** (€219bn in 4Q22, +11.9% vs. 4Q21<sup>2</sup>): strong growth in deposits

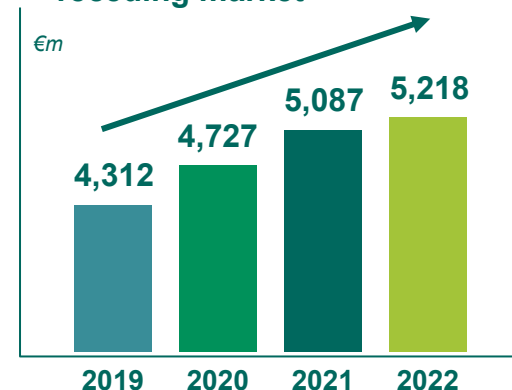
#### ● Confirmation of leadership positions in EMEA

- Leader in Transaction Banking (trade finance and cash management)<sup>3</sup> with large corporate clients in Europe
- Consolidated leadership positions, particularly in syndicated loans and bond issues in EMEA<sup>4</sup>
- Leader in green bonds globally<sup>5</sup>

**Revenues: €5,218m**  
(+2.6% vs. 2021)

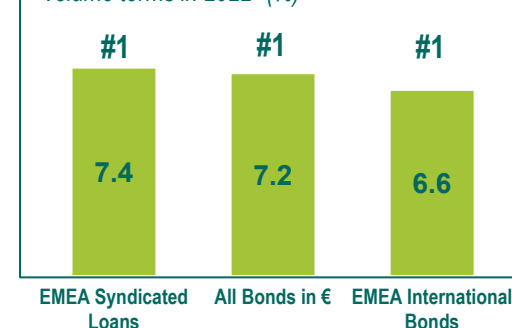
- Very resilient performance by Capital Markets in EMEA (-12.5%) in an unfavourable market context (-17% vs. 2021<sup>1</sup>)
- Very strong increase in Transaction Banking (+30.0%), particularly in cash management
- Strong growth in the Asia-Pacific region
- Increase in M&A, especially in EMEA

#### ● Increase in revenues on a receding market



#### ● Acknowledged European leader

Rankings and market shares in volume terms in 2022<sup>4</sup> (%)



1. Source: Dealogic, volume of syndicated loans, bonds and equity issuances globally and in EMEA as at 31.12.22; 2. Average outstandings, change at constant scope and exchange rates; 3. Source: CoalitionGreenwich Share Leader 2022 Europe Large Corporate Trade Finance, 2022 Europe Large Corporate Cash Management (preliminary data); 4. Bookrunner market share in volume 2022 – source: Dealogic as at 31.12.22; 5. Source: Bloomberg as at 31.12.22 – bookrunner market share in volume 2022



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 25

## CIB – Global Markets – 2022

Very strong increase in revenues sustained by solid demand

### ● Very robust client activity on the whole

- **Fixed income, currencies & commodities:** very strong client demand, driven in particular by reallocation and hedging needs in rates and foreign exchange products, emerging markets and commodity derivatives
- **Equity markets:** sustained level of activity in derivatives, good level of activity of prime services
- **Primary bond markets:** #1 in euro-denominated bond issuance led globally on a decreasing market<sup>1</sup>; #1 worldwide in green bonds issuance<sup>2</sup>

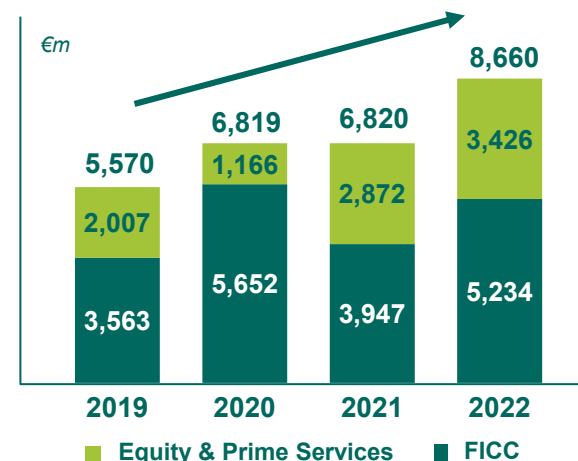
### ● Ongoing digitalisation

- Consolidation of leadership positions in **multi-dealer electronic platforms**
- **An enriched offering:** agreement to acquire<sup>3</sup> **Kantox**, a platform for automation of currency risk management for corporates

**Revenues: €8,660m**  
(+27.0% vs. 2021)

- FICC (+32.6%): very good performance in rates, foreign exchange, emerging markets and commodity derivatives; context less favourable on the primary and credit markets
- Equity & Prime Services (+19.3%): good level of client activity, particularly in equity derivatives, and a good level of contribution from prime services

### ● Strong growth in revenues



### ● Ranking on multi-dealer electronic platforms

Forex market	#1 in NDFs and swaps <sup>4</sup>
Rates market	#1 on € government bonds <sup>5</sup>
Credit market	#2 in € bonds issued by financial institutions <sup>6</sup> #2 overall on € bonds <sup>6</sup>
Equity derivatives	#1 on listed warrants and securities in Europe <sup>7</sup>

1. Source: Dealogic as at 31.12.22; bookrunner in volume; 2. Source: Bloomberg as at 31.12.22, bookrunner in volume; 3. In partnership with CPBS; subject to regulatory approvals; 4. Source: Bloomberg, 2022; 5. Source: Bloomberg and Tradeweb, 2022; 6. Source: Bloomberg, 2022; 7. In market share in 2022; source: aggregated volumes (i) reported by the exchanges and (ii) traded on OTC platforms



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 26

## CIB – Securities Services – 2022

### Strong increase in revenues

#### ● Very good business drive supported by a diversified model

- Sustained sales & marketing development, in particular with new mandates in Europe; start-up of a partnership with ARCA Fondi SGR in Italy in 4Q22
- Very good momentum in private capital and in Asia-Pacific
- Good resilience of average assets (-3.0% vs. 2021) on an unfavourable market
- Increase in transaction volumes: +8.6% vs. 2021

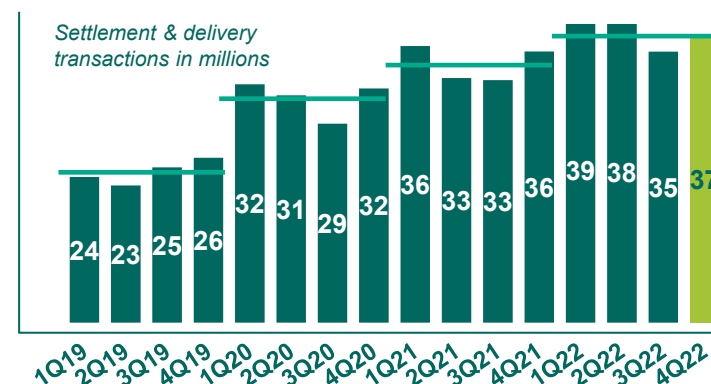
#### ● Continued transformation of the operating model

- Merger with BNP Paribas SA effective as at 01.10.22: strengthened operational integration and enhanced client experience
- Contribution of issuer service activities in France within the Uptevia entity as at 01.01.23

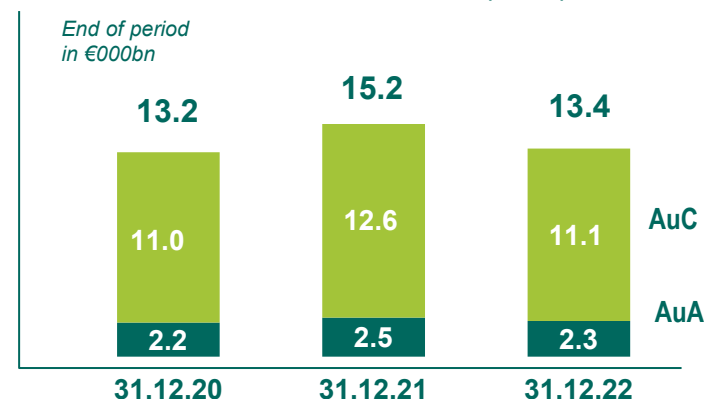
**Revenues: €2,587m**  
(+11.0% vs. 2021)

- Strong increase in transaction fees and favourable impact of the interest-rate environment

#### ● Transaction volumes



#### ● Assets under custody (AuC) and under administration (AuA)



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 27

# GTS 2025 – Corporate & Institutional Banking – 2022



A successful long-term strategy at the service of Corporate & Institutional clients

**A level of activity strengthened by the complete coverage of clients' needs & the diversification of business lines**

A broad and expanded offering of products & services  
An approach focusing on an overall, long-term relationship in all environments

**Strategic proximity strengthened by leadership positions in processing transactional flows**

Institutionals: leader in multi-dealer electronic platforms<sup>1</sup>  
Corporates: European leader in transaction banking<sup>2</sup>

**Origination and distribution platforms with proven efficiency**

#1 worldwide in bond issuance in euros<sup>3</sup>

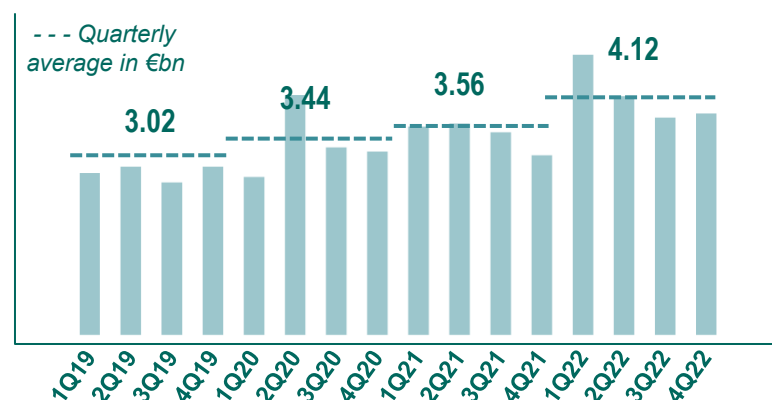
**Uniquely positioned to address the needs of the economy and its transformation**

**Regular market share gains**

+14 bps increase in global market share<sup>4</sup> since 31.12.21

**Growth potential and heightened resilience to cycles and peaks in volatility**

● **Growth in CIB revenues**



**An integrated platform generating a solid performance in all environments**

1. See slide 26 for detailed rankings; 2. Source: CoalitionGreenwich Share Leader 2022 Europe Large Corporate Trade Finance, 2022 Europe Large Corporate Cash Management (preliminary data); 3. Source: bookrunner rankings in volume, 2022, source: Dealogic as at 31.12.2022; 4. Source: BNP Paribas FY21 and 9M22 global CIB revenues (as published), Coalition Greenwich 3Q22 YTD and FY21 revenue pools (EUR at historical FX) based on BNP Paribas product scope



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 28

## Action plan off to a good start: a scaled-up CIB, leveraging on the Group's strengths

### Pursue & deepen structural levers



#### Operating model and efficiency

- IT platforms & industrialisation
- Smart sourcing & pooling
- New ways of working
- Merger of Securities Services with BNP Paribas SA (01.10.22)
- Contribution of issuer service activities in France within Uptevia (01.01.23)



#### Full potential of the integrated model

- Global rollout of the Capital Markets platform
- Strengthened cooperation with CPBS and IPS
- Global governance to accelerate development
- 19%<sup>1</sup> increase in cross-selling revenues



#### #1 go-to partner for ESG transition

- Mobilisation and strengthening of capabilities
- Supporting clients in their transition
- Objectives of aligning with a low-carbon economy

### Step up with specific initiatives



#### A solid equity franchise

- A comprehensive, global & integrated offering
- Acceleration in large investors & Private Capital
- Successful integration of Prime Brokerage & Electronic Execution and of Exane, #1 in European research<sup>2</sup>
- Strengthening in key sectors (technology, healthcare), enhanced visibility in M&A



#### Interregional acceleration

- A go-to partner for multinationals
- Global flow businesses for all BNP Paribas clients
- 34%<sup>3</sup> increase in interregional revenues
- Platforms rolled out worldwide

- Creation of the Low Transition Carbon Group (>100 bankers, 100% dedicated, a network of 160 persons)
- World leader in green bonds in 2022<sup>4</sup>
- ~€28bn in financing of low-carbon energy production<sup>5</sup>, a trend that is accelerating

1. Cross-selling revenues generated by clients (business groups) of a CIB business line within another business line of CIB, CPBS or IPS 9M22 vs. 9M21;  
2. Source: Institutional Investor 2022 – in 2022 for the sixth consecutive year; 3. In multinational companies, 9M22 vs. 9M21; 4. Source: Bloomberg as at 31.12.22, bookrunner in volume; 5. See slide 21



## Plan's financial targets revised upward

**Plan targets revised upward**  
**Consolidation of the strong performance of 2022**  
**and continued disciplined and above-market revenue growth**

### ● Global Markets

- Market share gains & consolidation of FICC performances in a normalising environment
- Continued development in Equity & Prime Services

### ● Global Banking

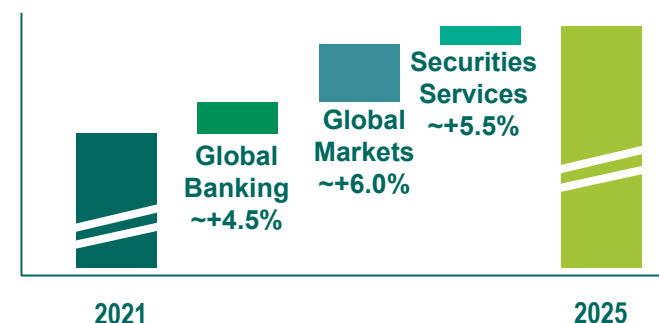
- Market share gains in a context of recovery of the primary markets
- Expansion of volumes and franchises sustained by the business line's favourable positioning (financing and capital markets, sustainable finance and Transaction Banking)

### ● Securities Services

- Ongoing good business drive and recovery in assets under custody (AuC) and under administration (AuA)

### 2025 targets<sup>1</sup>

#### ● Revenues: CAGR 21-25 >+5.0%



#### ● Average jaws effect 2021-25<sup>2</sup>: ~2 pts

- Objective raised of cumulative recurring cost savings: >€750m by 2025
- Lower operating expenses with the end of the contribution to the SRF: >€550m

1. Excluding the positive impact of the redeployment of the capital released by the sale of Bank of the West from 2023; 2. CAGR 21-25 Revenues minus CAGR 21-25 Operating Expenses



## Commercial, Personal Banking & Services – 2022

Very strong increase in results and very positive jaws effect

### ● Very good business drive

- **Loans:** +7.0% vs. 2021, good growth in all businesses, increase in loans to individuals and corporates
- **Deposits:** +6.6% vs. 2021, strong increase across all customer segments
- **Private Banking:** very strong net asset inflows (€10.7bn)

### ● Ongoing digitalisation

- **~294 million monthly connexions** to the mobile apps<sup>1</sup> (+14.1% vs. 2021)
- **Increase in customer acquisitions with Hello bank!**<sup>2</sup>: 3.3 million customers as of 31.12.22 (+6% vs. 31.12.21) and **fast pace of account openings at Nickel** (~53,000 per month<sup>3</sup>)
- **Digital offering enriched in partnership with fintechs:** an automated foreign-exchange risk management platform for corporates, a cash-flow forecast solution, and development of beyond-banking services

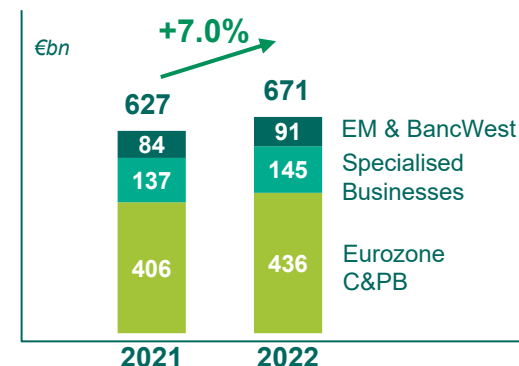
**Revenues<sup>4</sup>: €28,301m**  
(+9.3% vs. 2021)

- Very good performance of Commercial & Personal Banking (+8.0%), driven by the very strong increase in net interest income and by the increase in fees
- Very strong growth at Specialised Businesses (+12.0%)

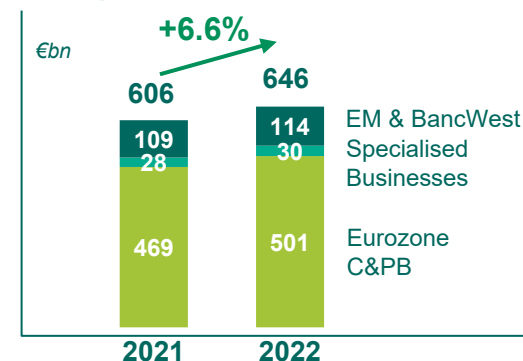
**Operating expenses<sup>4</sup>: €17,928m**  
(+6.0% vs. 2021)

- +4.2% at constant scope and exchange rates
- Positive jaws effect (+3.3 pts)

### ● Loans



### ● Deposits



**Pre-tax income<sup>5</sup>: €8,000m**  
(+24.1% vs. 2021)

1. Scope: individual, professional and Private Banking customers of Commercial & Personal Banking and of digital banks, Nickel and Personal Finance; 2. Excluding Austria and Italy; 3. On average in 2022 in all countries; 4. Including 100% of Private Banking, including PEL/CEL effects; 5. Including 2/3 of Private Banking, including PEL/CEL effects



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 31



# CPBS – Commercial & Personal Banking in France – 2022

## Strong increase in results

### — Sustained growth in activity

- **Loans:** +4.8% vs. 2021, increase across all customer segments, greater selectivity in mortgage loans
- **Deposits:** +4.8% vs. 2021, increase across all customer segments, low relative exposure to regulated savings
- **Off-balance sheet savings:** -3.8% vs. 31.12.21, in an unfavourable market environment
- **Private Banking:** very strong net asset inflows (€6.2bn, +47.7% vs. 2021), external client acquisitions and synergies with entrepreneurs

### — Accelerated development in corporate client segment

- **Expanded investment banking capabilities dedicated to SMEs and mid-caps,** development of equity capital operations: 17 mandates in 2022 (x2 vs. 2021)
- **Strong increase in cash management and trade finance fees** (+10.2% vs. 2021)

### — Innovation and rollout of service models

- Mobile apps for retail customers recognised as **the most innovative** in France<sup>1</sup>
- Rollout of an offering dedicated to **Mass affluent clients** (130,000 paying subscriptions in 2022)

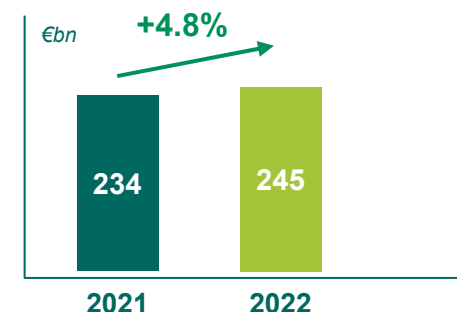
**Revenues<sup>2</sup>: €6,680m**  
(+6.6% vs. 2021)

- Net interest income: +4.9%, driven by a favourable environment and the contribution of specialised subsidiaries
- Fees: +8.5%, up across all customer segments

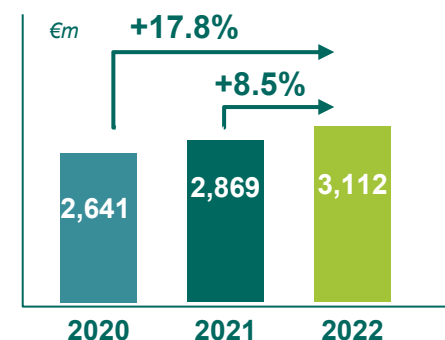
**Operating expenses<sup>2</sup>: €4,698m**  
(+3.1% vs. 2021)

- Very positive jaws effect (+3.5 pts)
- Support for growth and ongoing impact of cost-savings measures

### — Loans



### — Fees<sup>2</sup>



**Pre-tax income<sup>3</sup>: €1,613m**  
(+36.5% vs. 2021)

1. Mobile apps of Hello bank! and Mes comptes BNP Paribas ranked n°1 in online banking and traditional banking categories by MindFintech in January 2023;  
2. Including 100% of Private Banking including PEL/CEL effects (+€46m in 2022, +€29m in 2021); 3. Including 2/3 of Private Banking, including PEL/CEL effects



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 32



## CPBS – BNL banca commerciale – 2022

### Ongoing impact of the transformation of the operating model

#### ● Good business drive

- **Loans:** +2.1% vs. 2021, 4.1% increase on the perimeter excluding non-performing loans, driven by mortgage loans and an increase in factoring
- **Deposits:** +8.5% vs. 2021, steep increase in all customer segments, particularly corporates
- **Off-balance sheet savings:** -8.6% vs. 31.12.21, in an unfavourable market environment

#### ● Optimisation of the operating model and variabilisation of costs:

outsourcing certain IT activities and back-office processes implemented in 2Q22: total transfer of 803 FTEs

#### ● Customer satisfaction:

level of recommendation above the Italian market average and n°1 traditional bank in Italy in 2022<sup>1</sup>

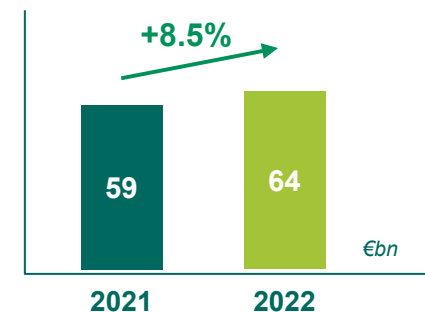
**Revenues<sup>2</sup>: €2,634m**  
(-1.7% vs. 2021)

- -0.1% at constant scope<sup>3</sup>
- Net interest income: -1.3%, positive impact of the interest-rate environment on deposits offset by the gradual adjustment in loan margins
- Fees: -2.2%, +1.5% at constant scope<sup>3</sup>, increase in banking fees, particularly in corporate clients and decrease in financial fees

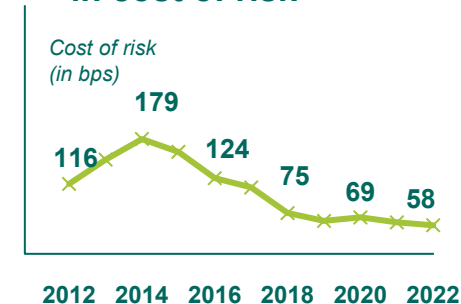
**Operating expenses<sup>2</sup>: €1,735m**  
(-2.5% vs. 2021)

- -0.5% at constant scope<sup>3</sup>
- Impact of the transformation of the operating model and adaptation measures ("Quota 100" retirement plan)
- Positive jaws effect (+0.8 pt)

#### ● Deposits



#### ● Constant improvement in cost of risk



**Pre-tax income<sup>4</sup>: €410m**  
(+8.8% vs. 2021)

- +10.6% at constant scope<sup>4</sup>
- Decrease in the cost of risk

1. Survey conducted by an independent market study firm; 2. Including 100% of Private Banking; 3. Business divestment effective 02.01.22; 4. Including 2/3 of Private Banking



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 33

# CPBS – Commercial & Personal Banking in Belgium – 2022

## Sustained business drive

### ● Growth in activity in support of the economy

- **Loans<sup>1</sup>**: +14.8% vs. 2021 (+7.5% at constant scope and exchange rates<sup>2</sup>), very strong growth in loans to individuals, contribution from bpost bank (+€8.4bn), and strong increase in corporate loans (+12.7%)
- **Deposits<sup>1</sup>**: +9.2% vs. 2021 (+1.2% at constant scope and exchange rates<sup>2</sup>), significant contribution from bpost bank (+€11.3bn)
- **Off-balance sheet savings**: -7.6% vs. 31.12.21, in an unfavourable market context
- **Private Banking**: good net asset inflows of €2.1bn; level of customer's recommendation far above the average of private banks in Belgium<sup>3</sup>

### ● Adapting the operating model to retail customers

- **Implementation of a 7-year exclusive distribution partnership** with bpost
- **Development of the value & quality of service**: BNPP Fortis' financial expertise combined with the proximity provided by the bpost distribution network<sup>1</sup> (>600 post offices, where all basic financial services will be available)
- Greater **cost variability**

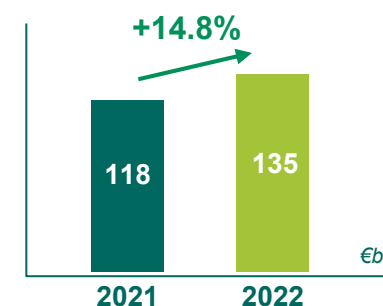
**Revenues<sup>4</sup>: €3,764m**  
(+7.3% vs. 2021)

- Net interest income: +8.9%, a strong increase driven by all customer segments
- Fees: +3.6%, increase in banking fees driven by transaction banking activities and corporate clients, offset partly by the decrease in financial fees

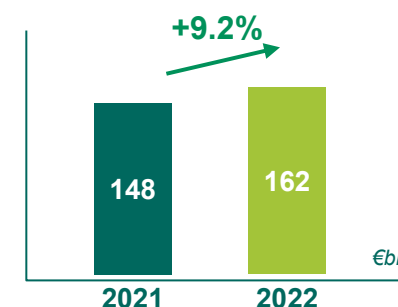
**Operating expenses<sup>4</sup>: €2,615m**  
(+9.7% vs. 2021)

- Increase driven mainly by the expansion in activity
- +4.0% at constant scope<sup>2</sup>
- Impact of inflation offset partly by cost-savings and optimisation measures

### ● Loans<sup>1</sup>



### ● Deposits<sup>1</sup>



**Pre-tax income<sup>5</sup>: €1,049m**  
(+7.8% vs. 2021)

- Decrease in the cost of risk

1. See slide 71; 2. Consolidation of bpost bank as of 01.01.2022; 3. Survey by an independent market research firm; 4. Including 100% of Private Banking; 5. Including 2/3 of Private Banking



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 34

## CPBS – Europe Mediterranean – 2022

### Good business drive

#### Commercial activity

- **Loans:** +17.7%<sup>1</sup> vs. 2021, increased volumes in corporate clients, particularly in Poland; prudent origination, particularly in individual customers in Poland and Türkiye
- **Deposits:** +21.8%<sup>1</sup> vs. 2021, up in Poland and Türkiye, particularly in corporate customers
- 4.1 million active digital customers<sup>2</sup> (+17.6% vs. 31.12.21)

#### Ongoing transformation

- Sale of businesses in sub-Saharan Africa in the process of closing
- Development of the sustainable finance offering recognised in Poland with the best ESG rating amongst Polish banks<sup>3</sup>

#### Limited overall impact from the implementation of IAS 29 and from the efficiency of the hedging in Türkiye: -€6m on pre-tax income

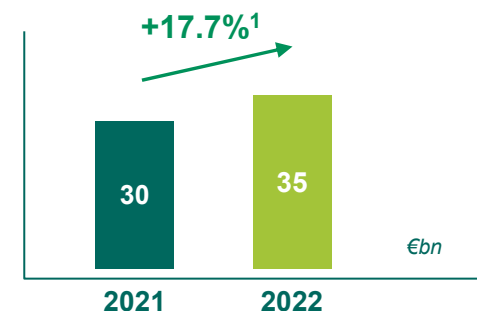
**Revenues<sup>4</sup>: €2,346m**  
(+32.5%<sup>6</sup> vs. 2021)

- Driven by the very strong increase in net interest income<sup>6</sup> in deposits, despite the impact of negative items linked to loans in 4Q21 and 4Q22 in Poland

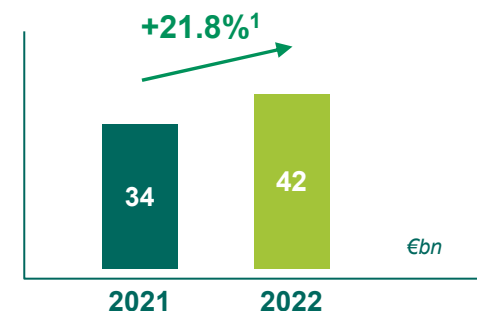
**Operating expenses<sup>4</sup>: €1,649m**  
(+11.3%<sup>6</sup> vs. 2021)

- Increase driven particularly by high wage inflation
- Very positive jaws effect (+21.2 pts<sup>6</sup>)

#### Loans<sup>1</sup>



#### Deposits<sup>1</sup>



**Pre-tax income<sup>5</sup>: €817m**  
(x2.2<sup>6</sup> vs. 2021)

1. At constant scope and exchange rates; 2. Perimeter Including Türkiye, Poland, Morocco and Algeria; 3. "ESG Risk Rating" of BNP Paribas Polska by Sustainalytics; 4. Including 100% of Private Banking; 5. Including 2/3 of Private Banking; 6. At constant scope and exchange rates excluding Türkiye at historical exchange rates in accordance with IAS 29



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 35

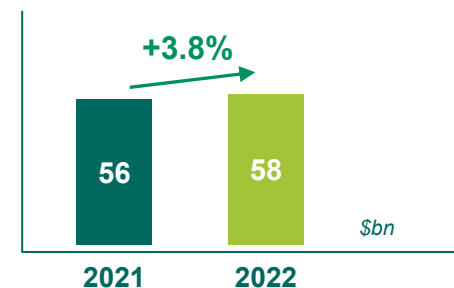
## CPBS – BancWest – 2022

### Continued good business activity

#### ● Sustained business drive

- **Loans:** +3.8%<sup>1</sup> vs. 2021, increase in mortgage and corporate loans
- **Deposits:** -6.0%<sup>2</sup> vs. 2021, decrease in customer deposits<sup>3</sup> (-6.0%<sup>2</sup>) and in money-market deposits
- **Private Banking:** \$18.7bn in assets under management as of 31.12.22 (+1.2%<sup>2</sup> vs. 30.09.22)

#### ● Loans<sup>1</sup>



#### ● Closing of the sale to BMO Financial Group on 1 February 2023

<b>Revenues<sup>4</sup>: €2,731m</b> <b>(+0.2%<sup>2</sup> vs. 2021)</b> <ul style="list-style-type: none"> <li>• +2.3% excluding the impact of non-recurring items in 2021</li> <li>• Increase in net interest income with the improvement in the margin and the increase in loan volumes</li> <li>• Good performance in banking fees</li> </ul>	<b>Operating expenses<sup>4</sup>: €2,061m</b> <b>(+8.5%<sup>2</sup> vs. 2021)</b> <ul style="list-style-type: none"> <li>• Increase due particularly to targeted projects (+4.3% excluding costs linked directly to the sale)</li> </ul>	<b>Pre-tax income<sup>5</sup>: €660m</b> <b>(-24.1%<sup>2</sup> vs. 2021)</b> <ul style="list-style-type: none"> <li>• Increase in cost of risk (reminder: release of provisions in 2021)</li> </ul>
--	--	---

1. At constant scope and exchange rates excluding Paycheck Protection Program loans; 2. At constant scope and exchange rates; 3. Deposits excluding treasury activities; 4. Including 100% of Private Banking; 5. Including 2/3 of Private Banking



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 36

# CPBS – Specialised Businesses – Personal Finance – 2022

## Transformation and adaptation of activities

### Business drive

- **Loans:** +3.5%<sup>1</sup> vs. 2021, consolidation of 50% of Floa's loans outstanding (€1.0bn)<sup>2</sup>
- Rollout of the **exclusive strategic partnership with Jaguar Land Rover in January 2023:** targeted increase in outstandings of ~€3bn by 2025
- **Implementation of the new partnership with Stellantis scheduled in April 2023:** targeted increase in outstandings of ~€7bn by 2025

### Business transformation and adaptation project

- **Geographical refocusing** of activities in the Eurozone
- **Reorganisation of the operating model** and continuation of ongoing technological and industrial transformation
- **Implementation of strategic partnerships in auto loans**
- **Objective of continued improvement in the risk profile and profitability**

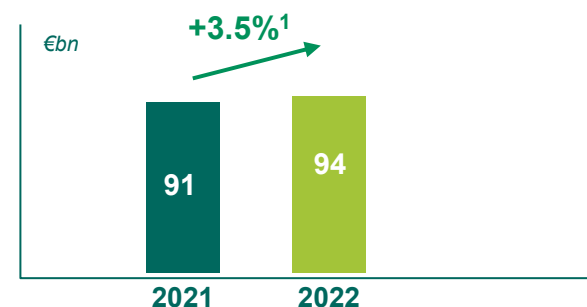
**Revenues: €5,387m**  
(+3.3% vs. 2021)

- +0.3% at constant scope<sup>2</sup> and exchange rates
- Impact of higher volumes partly offset by the strong pressure on margins

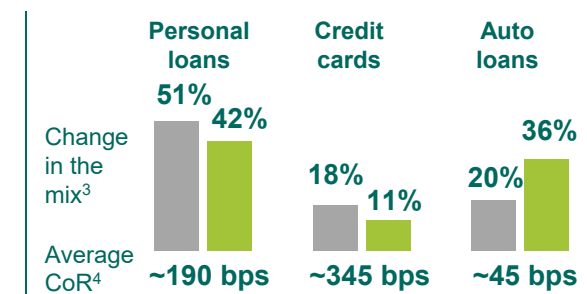
**Operating expenses: €2,922m**  
(+4.2% vs. 2021)

- +1.4% at constant scope<sup>2</sup> and exchange rates
- Support to business development and targeted projects

### Loans



### Structural improvement of cost of risk with the product mix



**Pre-tax income<sup>2</sup>: €1,121m**  
(-4.6% vs. 2021)

- 2021 reminder: a high basis in other non-operating items

1. +2.5% excluding Floa; 2. Consolidation of 50% of Floa's contribution, effective 01.02.22; 3. Between 31.12.2016 and 31.12.2022; 4. 2019-3Q22 average calculated on the basis of management figures and average outstandings excluding Floa



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 37

# CPBS – Specialised Businesses – Arval & Leasing Solutions – 2022

Very strong performance and positive jaws effect

## ● Arval

- **Very good growth in the financed fleet** (+8.3%<sup>1</sup> vs. 31.12.21) and **continued very high used car prices**
- **Targeted acquisitions & new partnerships:** acquisition of Terberg Business Lease (38k vehicles) in the Netherlands, takeover of BCR<sup>2</sup> business in Romania (3.5k vehicles) and implementation of the agreement Jaguar Land Rover
- **Strong increase in flexible mobility solutions** (55k vehicles, +48.0% vs. 31.12.21) and already 7,800 users of the mobility app. (+178% vs. 31.12.21)

## ● Leasing Solutions

- **Increase in outstandings** (+3.9%<sup>3</sup> vs. 2021) and **good resilience in business activity**
- **New partnerships and financing of the energy transition:** Eaton Industries Manufacturing GmbH (energy management) and Arcelor (electric vehicle recharging stations)

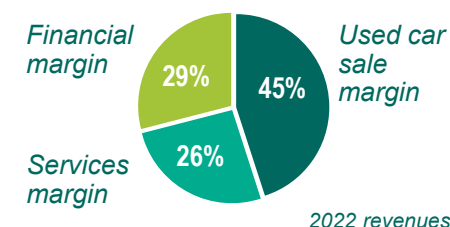
**Revenues: €3,438m**  
(+28.5% vs. 2021)

- Very good performance at Arval (very high level of used car prices)
- Good growth at Leasing Solutions with the increase in outstandings

**Operating expenses: €1,395m**  
(+7.4% vs. 2021)

- Very positive jaws effect (+21.1 pts)

## ● Arval: a balanced distribution in revenues



## ● Leasing Solutions: acknowledged expertise<sup>4</sup>



**Pre-tax income: €1,957m**  
(x 1.6 vs. 2021)

1. Increase in the fleet at the end of the period in thousands of vehicles, +5.5% excluding the acquisition of Terberg Business Lease and BCR; 2. Erste Group; 3. At constant scope and exchange rates; 4. Leasing Life Conference & Awards 2022



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 38

## New Digital Businesses (Nickel, Floa, Lyf) and Personal Investors

**NiCKEL** , a payment offering accessible to everyone

- Expansion in Europe with the 2022 launch of the offering in Belgium and Portugal; a faster pace of account openings since the start of the year (~49,000 per month<sup>1</sup> in 1Q22, ~58,000 in 4Q22<sup>1</sup>)
- ~3.0 million accounts opened<sup>2</sup> as at 31.12.22 (+24.5% vs. 31.12.21) at more than 8,600 points of sale<sup>2</sup> (+22.2% vs. 31.12.21)

**FLOA** 🌸, the French leader in Buy Now Pay Later

- ~4 million customers as at 31.12.22 (+10.4% vs. 31.12.21)
- Good level of production maintained with a tightening in credit standards

**BNP PARIBAS** , a specialist in digital banking and investment services  
PERSONAL INVESTORS

- A still high level of order numbers in an unfavourable market context – Consorsbank, recognised #1 bank in Germany for its digital offering<sup>3</sup>

**Revenues<sup>4</sup>: €846m**  
**(+13.7% vs. 2021)**

- Steep increase in New Digital Businesses, driven by business development
- Reminder: consolidation of 50% of Floa's contribution, effective 01.02.22
- Personal Investors revenues down in an unfavourable market context

**Operating expenses<sup>4</sup>: €578m**  
**(+12.8% vs. 2021)**

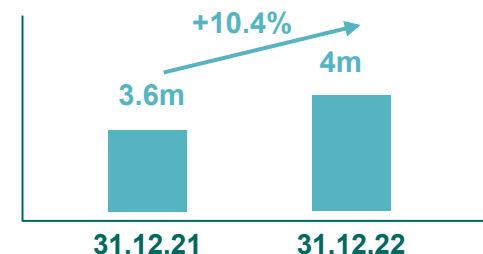
- Driven by the development strategy of New Digital Businesses
- Positive jaws effect (+1.0 pt)

- **Nickel: expansion in Europe**

**~3.0m accounts opened<sup>2</sup> as at 31.12.22 (~+600k vs. 31.12.21)**



- **Floa: number of customers**



**Pre-tax income<sup>5</sup>: €157m**  
**(-29.4% vs. 2021)**

- Effect of the integration of Floa on the cost of risk

1. On average for the quarter in all countries; 2. Since inception, total for all countries; 3. D-Rating 2022 ranking; 4. Including 100% of Private Banking in Germany; 5. Including 2/3 of Private Banking in Germany



# Commercial, Personal Banking & Services – Commercial & Personal Banking

## Development strategy confirmed



### Strengthening our leading positions in Europe

#### #1 in the Corporate segment in Europe<sup>1</sup>

#1 in Corporate Banking, Cash Management & Trade Finance<sup>1</sup>

**Favourable positioning and enhanced cooperation between businesses** generating an increase in cross-selling revenues of +16%<sup>2</sup>

**Comprehensive transaction banking offering:** increase by 9% of number of transactions processed on pooled payment platforms<sup>3</sup>, development of acquisition capacities (+16%<sup>4</sup> vs. 2021), broad rollout of APIs

#### The Eurozone's #1 Private Bank<sup>5</sup>

**Very sustained net inflows** in 2022 (>€9.0bn)

**Broad coverage of client needs** in coordination with IPS and CIB (structured products, responsible savings, etc.)

~60% of GOI of Commercial & Personal Banking in the Eurozone is generated by corporate clients and ~20% by Private Banking clients

### Adaptation of the operating model underway in retail activities

#### Acceleration of digital and technological transformations:

13.3 million active customers on **mobile apps** in 4Q22 (+11.1% vs. 4Q21)<sup>6</sup>

#### Adaptation of services models to customer value:

Rollout of customer services & offering dedicated to **Mass affluent customers** in France, Belgium, and Italy

#### Enhanced operational efficiency

**Outsourcing** of some IT and back-office activities at BNL, total transfer of 803 FTEs

**Economies of scale** with the pooling of ATMs underway in Belgium and being studied in France and Luxembourg

>20% of individual clients are Mass affluent clients<sup>7</sup>

1. Source: CoalitionGreenwich Share Leader 2022 Europe Large Corporate Trade Finance, 2022 Europe Large Corporate Cash Management (preliminary data); 2. Revenues generated by a client (a business group) of a CPBS business line in another business line of CPBS, IPS or CIB (9M22 vs. 9M21); 3. Scope: Individual, Private Banking and corporate clients, including acquisition transactions except Axepta Italy; 4. All acquisition transactions processed on a scope of individual, Private Banking and corporate clients, except Axepta Italy; 5. Assets under management, as published by the main Eurozone banks for 3Q22; 6. Scope: average of CPB individual, professional and Private Banking clients in the Eurozone, Personal Investors in Germany, and Nickel; 7. Scope: BCEF, BCEB, BNL, BCEL, BNPP Polska and Consorsbank



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 40



## Commercial, Personal Banking & Services – Specialised Businesses

A development plan to accelerate and foster growth and profitability



### Acceleration in profitable growth confirmed

**Arval:** growth in the fleet reinforced by bolt-on acquisitions and new partnerships initiated in particular in 2022, strong growth in flexible mobility solutions

**2025 target:** >2m vehicles

**Nickel:** profitable growth with low acquisition costs, rollout in Europe based on a single technological platform & external distribution networks

**2025 target:** >6m accounts opened<sup>1</sup> in 8 countries

**Floa:** leader in Buy Now Pay Later in France, expansion of the offering in Europe by leveraging Floa's technological assets and the Group's client franchises

**2025 target:** doubling the number of clients in more than 10 countries



### Transformation of activities to foster growth and profitability

**Personal Finance:** geographical repositioning in the Eurozone; gradual rollout of significant partnerships in auto loans; industrialisation & enhancement of operating efficiency

#### **2025 target:**

+€10bn in outstandings with the implementation of new auto loan partnerships

Ongoing improvement in cost of risk with the evolution in the mix: ~120 bps in 2025

Improvement in RONE by 2025

**Leasing Solutions:** digitalisation of the value-chain, new asset classes financed to support the transition of partners, industrialisation and modernisation of the operating model

**2025 target:** Improved C/I by >2 pts between 2021 and 2025

1. Since inception



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 41

# GTS 2025 – Commercial, Personal Banking & Services

## Significant increase in Commercial & Personal Banking objectives



### ● Targets revised upward in Commercial & Personal Banking

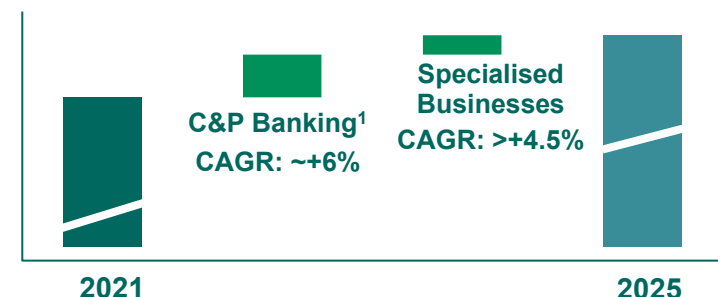
- **Positive impact of rate hikes**, boost in margin sustained by a favourable positioning
- **Consolidation of the rise in fees** driven by an extended offering in cooperation with CIB and IPS, the development of the beyond banking offering, and leading positions in flow businesses
- Refocusing **Europe-Mediterranean** on Europe and its periphery and strengthening in Corporates, Private Banking and Mass Affluent client segments
- Stepped-up **gains in operational efficiency**

### ● Specialised Businesses: fostering growth at marginal cost & enhanced profitability

- Ongoing growth at **Arval** and **Leasing Solutions**, gradual normalisation of used car prices by 2025 but at still-high levels, and productivity gains.
- Transformation and adaptation at **Personal Finance**
- Continued profitable growth and development in Europe of **New Digital Businesses & Personal Investors**

### 2025 targets<sup>1</sup>

#### ● Revenues: CAGR 21-25 ~+5.5%



#### ● Jaws effect 21-25<sup>2</sup>: ~3 pts

- Reinforced target in recurring cost savings: ~€1.2bn
- Decrease in operating expenses 2023/2024 with the ramp-up of the SRF contribution: ~€250m

#### ● Positive impact of higher interest rates

~80% of the total impact<sup>3</sup>, or ~ >+€1.6bn compared to the plan's initial targets

1. Including 100% of Private Banking in Commercial & Personal Banking and PI in Germany, excluding Bank of the West – excluding the positive impact of the redeployment of the capital released by the sale of BoW from 2023;  
2 CAGR 21-25 Revenues minus CAGR 21-25 Operating Expenses; 3. See slide 5



BNP PARIBAS

The bank for a changing world

2022 Full Year Results | 42

## Investment & Protection Services – 2022

Growth of results with a good level of activity in a lacklustre environment

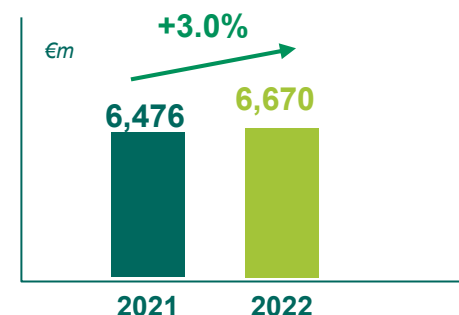
### ● Good sales and business drive sustained by net asset inflows in Wealth Management

- **Good net asset inflows (+€31.9bn in 2022):** strong net asset inflows in Wealth Management; positive inflows in Asset Management
- **Good resilience of Real Estate and at Insurance,** driven by good business drive in Savings in France

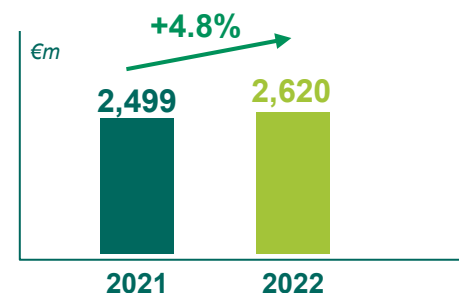
### ● Development of new opportunities

- **Creation of a Private Assets franchise,** combining specific expertise from Asset Management, Insurance and Principal Investments
- **Acceleration in pension savings at BNP Paribas Cardif** in partnership with Asset Management
- **Strong development of Insurance partnerships:** new partnerships and expansion of existing ones (Volkswagen Financial Services, Orange, Boulanger, Neon, Coppel and Banco de Brasília)

### ● Revenues



### ● Pre-tax income



**Revenues: €6,670m**  
(+3.0% vs. 2021)

- Very good growth in revenues at Wealth Management
- Impact of the market environment on Asset Management and Insurance revenues
- Growth at Real Estate

**Operating expenses: €4,363m**  
(+3.5% vs. 2021)

- Driven by business development and targeted initiatives
- Positive jaws effect: ~0 pt at constant scope and exchange rates

**Pre-tax income: €2,620m**  
(+4.8% vs. 2021)

- Positive impact of capital gains on sales in 2021 and 2022
- Good contribution by associates



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 43

## IPS – Asset inflows and AuM – 2022

### Good net asset inflows in a context of declining markets

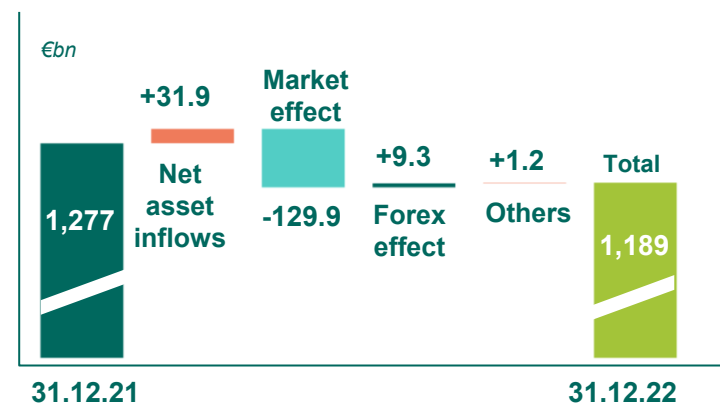
#### ● Assets under management: €1,189bn as at 31.12.22

- - 6.9% vs. 31.12.21, in connection with a very unfavourable **market performance effect**: -€129.9bn
- Favourable **foreign exchange effect**: +€9.3bn
- **Others**: +€1.2bn

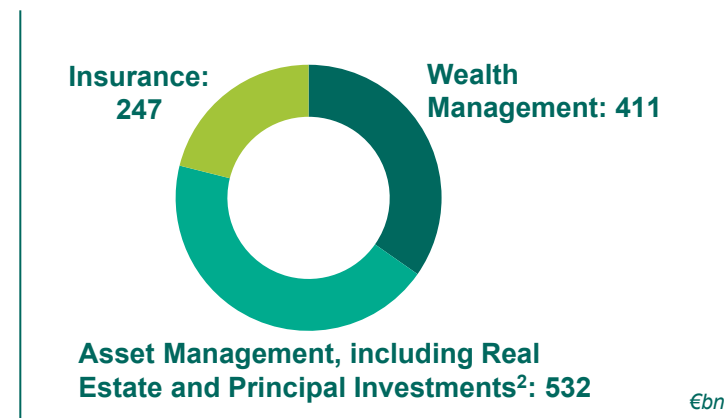
#### ● Net asset inflows: +€31.9bn in 2022

- **Wealth Management**: good net asset inflows, driven by Commercial & Personal Banking in Europe, France in particular, as well as by activity in Germany and Asia
- **Asset Management**: strong net asset inflows, driven by good inflows into medium- and long-term vehicles and the rebound of net asset inflows into money-market funds in 4Q22
- **Insurance**: net asset inflows, driven by unit-linked products and continued good gross asset inflows, particularly in France

#### ● Change in assets under management<sup>1</sup>



#### ● Assets under management<sup>1</sup> as at 31.12.22



1. Including distributed assets; 2. Assets under management of Real Estate Investment Management: €30bn; Assets under management of Principal Investments: €1bn



## IPS – Insurance – 2022

### Good resilience of business activity

#### ● Solid business activity

- **Savings:** gross asset inflows of €22.8bn in 2022, with unit-linked policies accounting for the vast majority of net inflows
- **Protection:** further growth in France with a good increase in credit insurance and a strong increase in individual protection and property & casualty; internationally, a strong rebound in Latin America

#### ● Continued development of the offering

- **Issuance of the first social bond<sup>1</sup>** structured by CIB with BNP Paribas Cardif as an investor
- **Pensions: certification obtained** to provide Supplemental Professional Pension Fund activities in France
- **Strong business drive in affinity insurance in France** (1.6m contracts managed as of the end of 2022), with a successful diversification in extended warranties covering household appliances

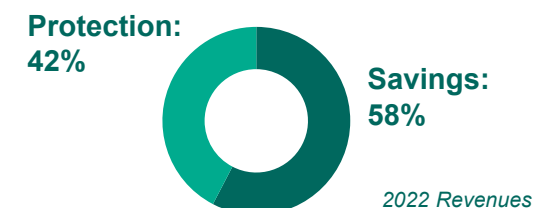
**Revenues: €2,774m**  
(-1.9% vs. 2021)

- Increase in revenues in Savings and Protection
- Decrease in financial result due to market performance effects in 2022

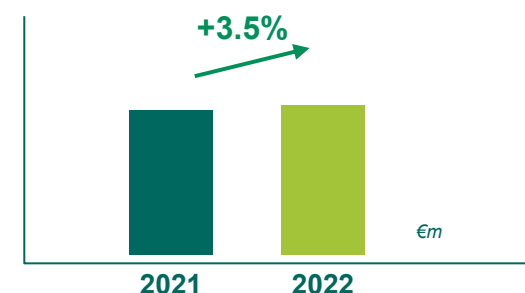
**Operating expenses: €1,558m**  
(+1.4% vs. 2021)

- Support of business development and targeted projects

#### ● A balanced model



#### ● Protection revenues



**Pre-tax income: €1,376m**  
(+0.5% vs. 2021)

- Increase in the contribution by associates from a low 2021 level

1. The bond's performance tracks the MSCI Eurozone Social Select 30 index



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 45

# IPS – Wealth & Asset Management<sup>1</sup> – 2022

## Good performance of the activity

### ● Wealth Management

- Strong net asset inflows, especially in Commercial & Personal Banking (particularly in France) and with high-net-worth clients
- Good increase in loans outstanding (+4.2% vs. 2021) and in deposits (+9.0% vs. 2021)

### ● Asset Management

- Good net asset inflows driven by net asset inflows into medium- and long-term vehicles and into money-market funds, with a year-end rebound
- Development of the responsible and sustainable investment range and signing of an agreement<sup>2</sup> to acquire a majority stake in IWC, a specialist in managing natural resources

### ● Real Estate

- Good performance in Investment Management, Property Management and Advisory in France

**Revenues: €3,896m**  
(+6.8% vs. 2021)

- Wealth Management: increase driven by growth in net interest income
- Asset Management: very unfavourable impact of the market environment
- Principal Investments: strong growth
- Real Estate: increase driven by Property Management and Investment Management

**Operating expenses: €2,806m**  
(+4.6% vs. 2021)

- Driven by business development at Wealth Management and Real Estate

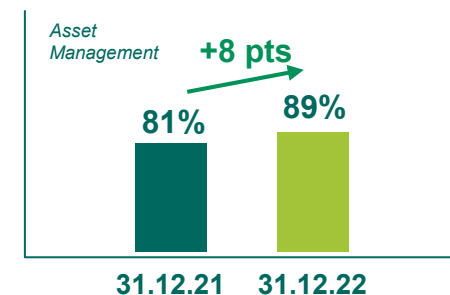
### ● Acknowledged leadership

**Outstanding Private Bank in Europe<sup>3</sup>**

**Best Private Bank in Hong Kong<sup>4</sup>**

**World's Best Private Bank for Entrepreneurs<sup>5</sup>**

### ● Open funds classified Art. 8 or 9<sup>6</sup>



**Pre-tax income: €1,244m**  
(+10.0% vs. 2021)

- A smaller impact of capital gains on sales in 2022 compared to 2021

1. Asset Management, Wealth Management, Real Estate and Principal Investments; 2. Upon customary conditions precedents; 3. Private Banker International Global Wealth Awards, 2022; 4. Asian Private Banker 2022; 5. Global Private Banking Innovation Awards 2022; 6. Assets under management of open funds distributed in Europe and classified Article 8 or Article 9 (SFRD)



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 46

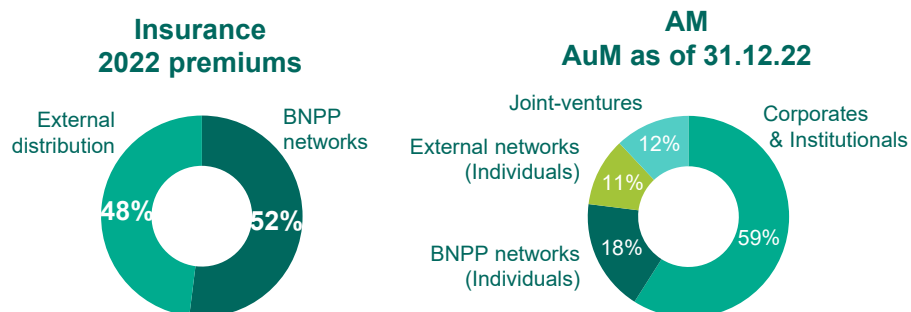
# GTS 2025 – Investment & Protection Services – 2022

Diversified and complementary leading platforms positioned to grow



## A diversified & integrated distribution model

- Close proximity with CPBS networks
- Insurance: Development of long-term partnerships
- AM: A high-performance sales & marketing platform and a development of joint-ventures internationally



## An ambitious vision for 2025

The European player of reference in protection, savings and sustainable investments

### 3 strategic pillars

Accelerate in Financial Savings    Capture growth in Private Assets    Strengthen leadership in CSR

### 4 key levers

Make the most of the integrated model  
Keep deploying new ways of working

Move to the next level in digital, data and AI  
Keep optimising the operating model

1. Source: Finaccord 2021, N°1 worldwide in Creditor Insurance by Gross Written Premium; 2. In assets under management as published by the main Eurozone banks in 3Q22; 3. Source: ShareAction; N°2 worldwide for the quality of its sustainable investment processes; 4. Source: RCA Global Ranking, commercial real-estate investment volumes in Europe, 2021



BNP PARIBAS

The bank for a changing world

2022 Full Year Results | 47



# GTS 2025 – Investment & Protection Services

## Solid franchises, well positioned to benefit from the recovery

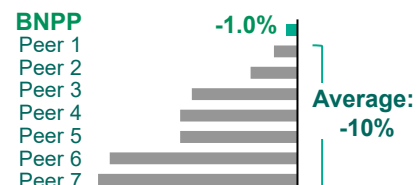


### Extend our commercial outperformance over time

AM: 2022 Net asset inflows /  
2021 AuM<sup>1</sup>



WM: Assets under management<sup>2</sup>



### Capitalise on the good momentum generated by the plan's launch

- **Extension of the product offering:** creation of a Private Assets franchise; expansion of protection internationally
- **Strong development of partnerships:** new partnerships, renewals of existing ones and joint-ventures
- **Enhanced operating performance of platforms & next-level digitalisation**

### Seize new growth opportunities

- **Targeted acquisitions & expansion in specific expertises**
- Adapting the offering to **higher interest rates**

### 2025 Targets<sup>4</sup>

#### GOI: CAGR 21-25 >+6%



- **Sustained growth in AuM:**  
CAGR 22-25: >+7 %
- **Change in Insurance accounting standards** effective from 01.01.23

Pre-tax income 2023 (IFRS17)<sup>5</sup>  
Pre-tax income 2022 (IFRS4)

Improvement in C/I ratio with the change of treatment of attributable expenses<sup>5</sup>

1. Source: Morningstar database, net asset inflows of European mutual funds, 2022 vs. 2021- Amundi (including CPR AM & Lyxor), Axa, Crédit Suisse, DWS (including Xtrackers), Natixis (including Ecofi), UBS (including LS AM); 2. Change in assets under management, as published by the main market actors (i.e., public information), 9M22 vs.9M21 - Bank of America, Citigroup, Deutsche Bank, Goldman Sachs, JP Morgan, Morgan Stanley, UBS ;3. WAM: Asset Management, Wealth Management, Real Estate and Principal Investments; 4. Excluding Bank of the West and the positive impact of the redeployment of capital released by the sale of BoW from 2023; 5. See slide 85



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 48





**BNP PARIBAS**

GROUP RESULTS

DIVISION RESULTS

# CONCLUSION

4Q22 DETAILED RESULTS

APPENDICES

# Conclusion



**Solid performance**  
**Revenue growth, positive jaws effect, and prudent risk management**

**2022 net income: €10,196m**  
**+7.5% vs. 2021 (+19.0% excluding exceptional items)**

**Strategic pillars confirmed,  
ambitions revised upward**  
**Net income, Group share: CAGR 22-25 >+9%**  
**EPS: CAGR 22-25 >+12%**

**Leadership affirmed in financing the energy transition**  
**A new phase of strong acceleration**

**Strong mobilisation and commitment of the teams  
to support clients**

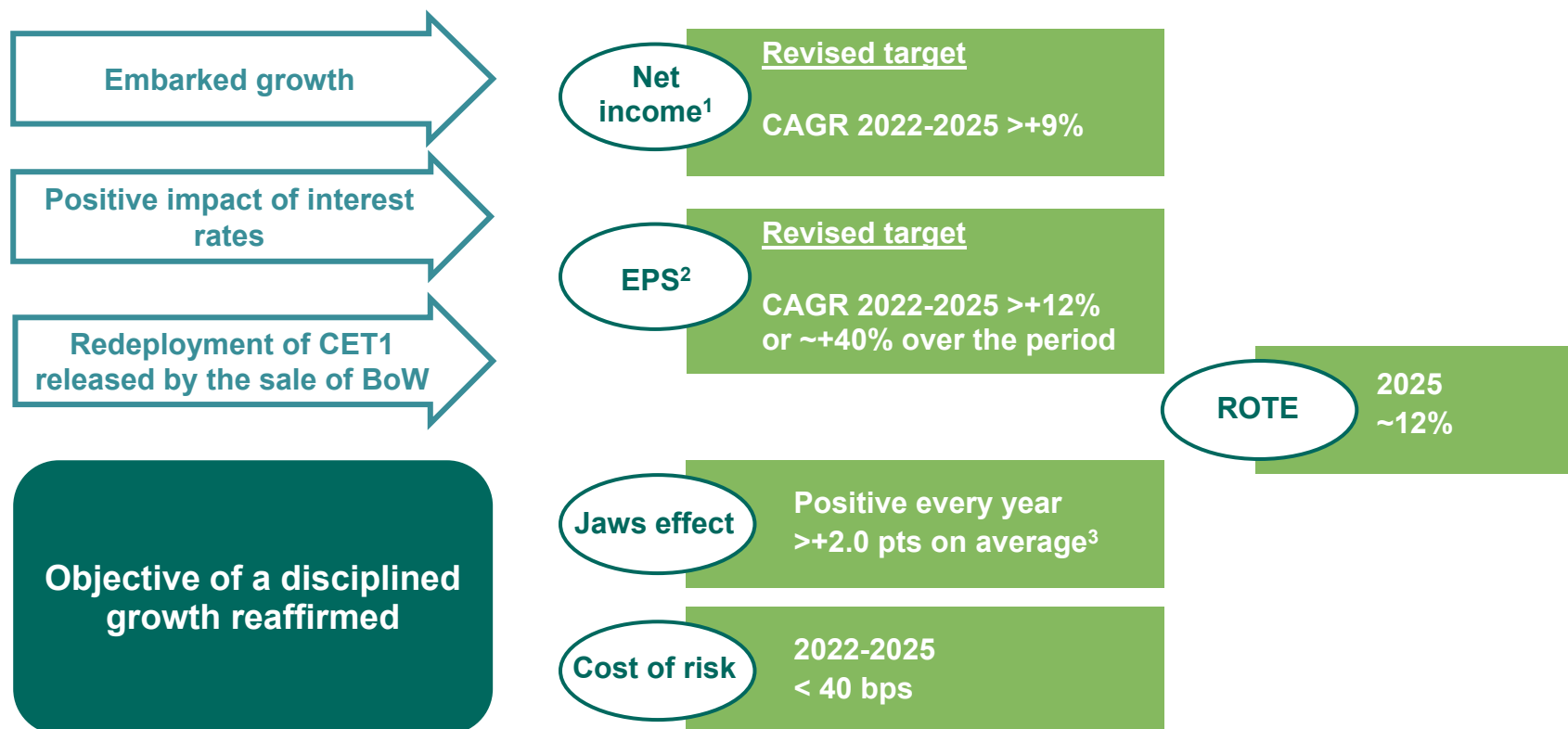




## BNP Paribas' ambitions for 2025

### 2021-2025 financial targets in brief

#### Significant improvement of GTS 2025 Plan targets



1. Group share; 2. Earnings per share; 3. CAGR 2022-2025 Revenues minus CAGR 2022-2025 Operating expenses excluding the positive impact of the change in accounting standards, see slide 48





## A solid financial structure

### Reaffirmed targets

	2024 objectives <sup>1</sup>	2025 objectives <sup>1</sup>
CET1 ratio	<b>12.9%</b> Basel 3 (CRR2) fully loaded	<b>12.0%</b> Basel 3 finalised (CRR3) fully loaded
Total Capital	<b>17.1%</b> Basel 3 (CRR2) fully loaded	<b>15.9%</b> Basel 3 finalised (CRR3) fully loaded
TLAC	<b>29.3% of RWAs</b> Basel 3 (CRR2) fully loaded	<b>27.2% of RWAs</b> Basel 3 finalised (CRR3) fully loaded
Leverage ratio	<b>4.2%<sup>2</sup> by 2023</b> End of period	

1. Trajectories based on expected regulatory constraints and an estimate of the impact of the finalisation of Basel 3 (CRR3) fully loaded of 8%; 2. Average leverage ratio target of 4.1%



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 52



**BNP PARIBAS**

GROUP RESULTS

DIVISION RESULTS

CONCLUSION

# 4Q22 DETAILED RESULTS

APPENDICES

## 4Q22: Very solid results driven by the strength of BNP Paribas' model

### Revenue growth, positive jaws effect and prudent risk management

#### Strong growth in revenues, supported by all divisions

- Very strong increase in **Corporate & Institutional Banking (+18.2%)**
- Very strong growth in **Commercial, Personal Banking & Services<sup>1</sup> (+8.0%)**
- Increase in revenues in **Investment & Protection Services (+1.6%)** in an unfavourable market environment

**Positive jaws effect** (+1.0 pt, +1.7 pt at constant scope and exchange rates)  
(~40% of the increase in operating expenses related to scope and exchange rate effects)

#### Prudent, proactive and long-term risk management reflected in low cost of risk

#### Solid growth in net income (excluding exceptional items)<sup>3</sup>

Strong decrease in exceptional items (-€311m vs. 4Q21)

**Revenues:** +7.8% vs. 4Q21  
**Operating expenses:** +6.8% vs. 4Q21

(at constant scope and exchange rates)

**Revenues:** +5.8% vs. 4Q21  
**Operating expenses:** +4.2% vs. 4Q21

**Cost of risk:** 31 bps<sup>2</sup>

**Net income<sup>3</sup>:** €2,150m  
+7.3% vs. 4Q21 (excluding exceptional items)

1. Including 100% of Private Banking in Commercial & Personal Banking (including PEL/CEL effects in France); 2. Cost of risk / customer loans outstanding at the beginning of the period (in bps); 3. Group share



## Main exceptional items – 4Q22

Strong decrease in exceptional items

### ● Exceptional items

#### Operating expenses

- Restructuring costs and adaptation costs (*Corporate Centre*)
- IT reinforcement costs (*Corporate Centre*)

*Total exceptional operating expenses*

#### Other non-operating items

- Capital gain on the sale of buildings (*Corporate Centre*)
- Impairments (*Corporate Centre*)

*Total exceptional other non-operating items*

Total exceptional items (pre-tax)

Total exceptional items (after tax)<sup>1</sup>

4Q22	4Q21
-€103m	-€61m
-€85m	-€21m
<b>-€188m</b>	<b>-€82m</b>
	+€184m
	+€75m
	<b>+€259m</b>
<b>-€188m</b>	<b>+€177m</b>
<b>-€138m</b>	<b>+€172m</b>

1. Group share



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 55

## 4Q22 – Consolidated Group

Very solid results, strong growth and positive jaws effect

	4Q22	4Q21	4Q22 vs. 4Q21	4Q22 vs. 4Q21 At constant scope & exchange rates	4Q22 vs. 4Q21 Operating divisions
<b>Revenues</b>	<b>€12,109m</b>	<b>€11,232m</b>	<b>+7.8%</b>	<b>+5.8%</b>	<b>+10.0%</b>
Operating expenses	-€8,473m	-€7,930m	+6.8%	+4.2%	+8.1%
<b>Gross operating income</b>	<b>€3,636m</b>	<b>€3,302m</b>	<b>+10.1%</b>	<b>+9.9%</b>	<b>+14.1%</b>
Cost of risk	-€773m	-€510m	+51.6%	+32.7%	+63.2%
<b>Operating income</b>	<b>€2,863m</b>	<b>€2,792m</b>	<b>+2.5%</b>	<b>+5.7%</b>	<b>+5.9%</b>
Non-operating items	€74m	€378m	-80.4%	n.a	-52.0%
<b>Pre-tax income</b>	<b>€2,937m</b>	<b>€3,170m</b>	<b>-7.3%</b>	<b>-5.4%</b>	<b>+3.6%</b>
<b>Net income, Group share</b>	<b>€2,150m</b>	<b>€2,306m</b>	<b>-6.7%</b>		
<b>Net income, Group share excluding exceptional items<sup>1</sup></b>	<b>€2,289m</b>	<b>€2,134m</b>	<b>+7.3%</b>		

1. See slide 55



**BNP PARIBAS**

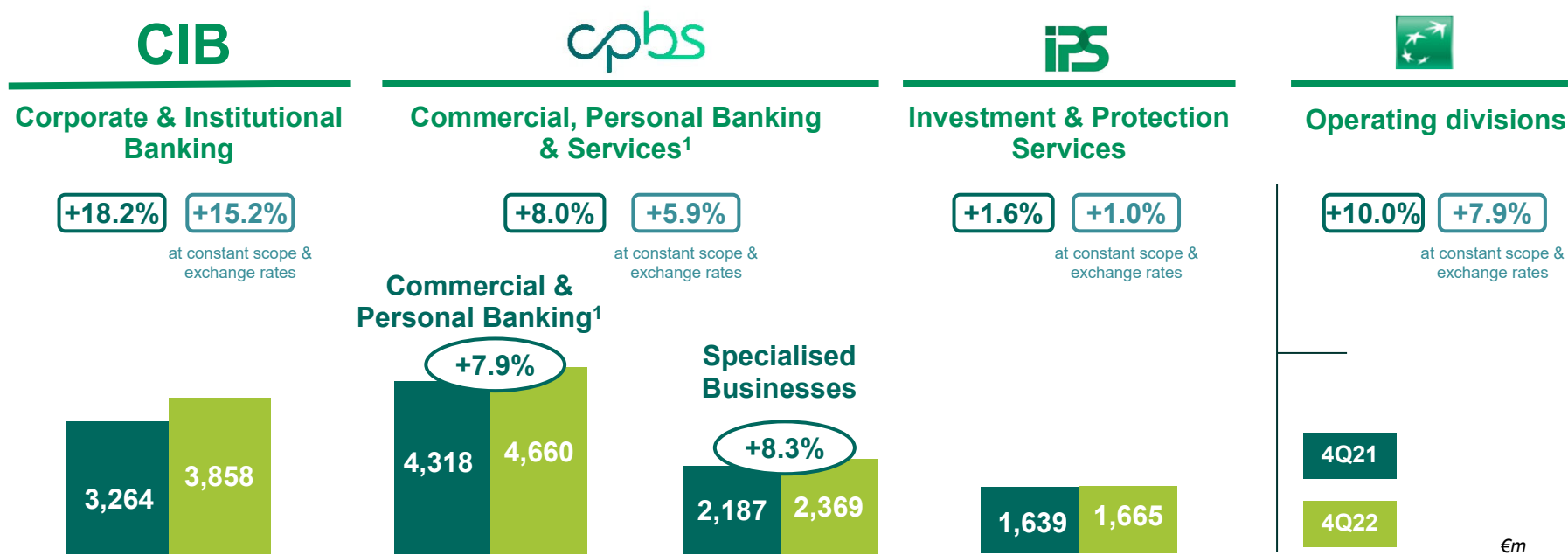
The bank for a changing world

2022 Full Year Results | 56



## 4Q22 – Revenues

Growth in revenues in all divisions

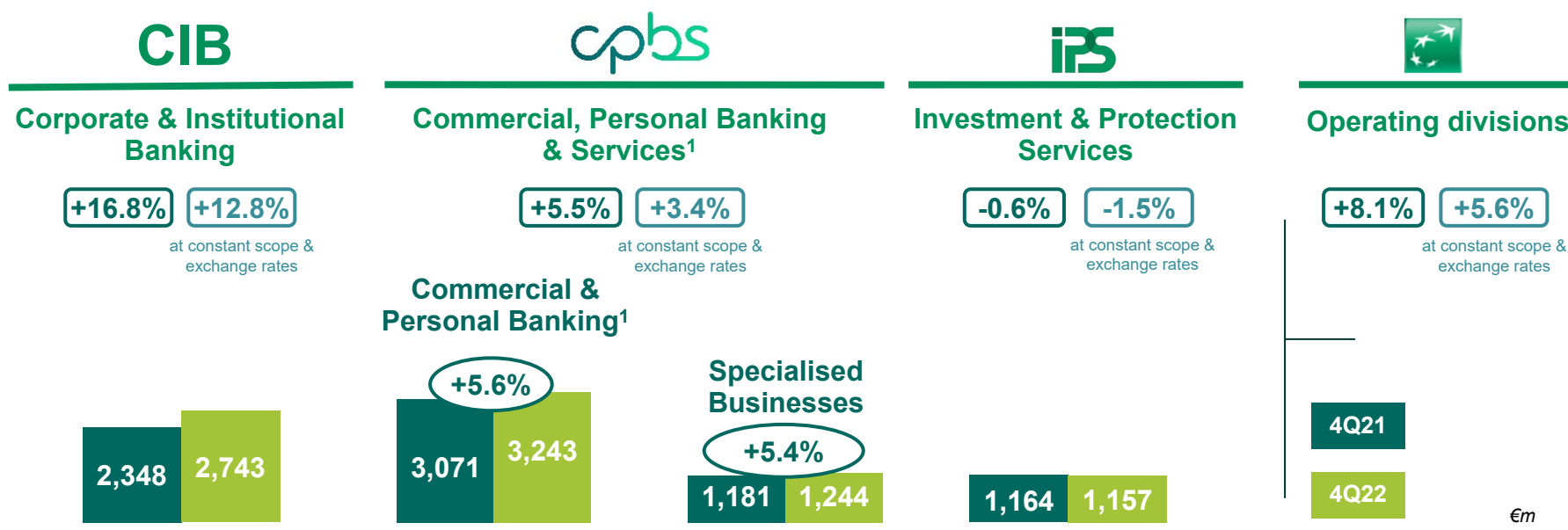


- **CIB:** very strong increase driven by the very good performances of all three businesses: Global Markets (+23.8%), Global Banking (+15.0%) and Securities Services (+12.8%)
- **CPBS:** strong growth in Commercial & Personal Banking driven by the strong increase in net interest income – strong growth in revenues in the Specialised Businesses (Arval in particular)
- **IPS:** rise in a very unfavourable market context, sustained in particular by the strong increase in Private Banking

1. Including 100% of Private Banking in Commercial & Personal Banking

## 4Q22 – Operating expenses

Positive jaws effects



- **CIB:** support for business growth and impact of change in scope and exchange rates effect – positive jaws effect (+1.4 pt)
- **CPBS:** increase in operating expenses with the growth in business activity and scope impacts in Commercial & Personal Banking and Specialised Businesses – very positive jaws effect (+2.5 pts)
- **IPS:** decrease in operating expenses – very positive jaws effect (+2.1 pts)

1. Including 100% of Private Banking in Commercial & Personal Banking



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 58

## 2022 & 4Q22 – BNP Paribas Group

€m	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
<b>Group</b>								
<b>Revenues</b>	<b>12,109</b>	<b>11,232</b>	<b>+7.8%</b>	<b>12,311</b>	<b>-1.6%</b>	<b>50,419</b>	<b>46,235</b>	<b>+9.0%</b>
<i>incl. Interest Income</i>	6,018	5,169	+16.4%	5,721	+5.2%	23,168	21,209	+9.2%
<i>incl. Commissions</i>	2,746	2,919	-5.9%	2,572	+6.8%	10,570	10,717	-1.4%
Operating Expenses and Dep.	-8,473	-7,930	+6.8%	-7,857	+7.8%	-33,702	-31,111	+8.3%
<b>Gross Operating Income</b>	<b>3,636</b>	<b>3,302</b>	<b>+10.1%</b>	<b>4,454</b>	<b>-18.4%</b>	<b>16,717</b>	<b>15,124</b>	<b>+10.5%</b>
Cost of Risk	-773	-510	+51.6%	-947	-18.3%	-2,965	-2,925	+1.4%
<b>Operating Income</b>	<b>2,863</b>	<b>2,792</b>	<b>+2.5%</b>	<b>3,507</b>	<b>-18.4%</b>	<b>13,752</b>	<b>12,199</b>	<b>+12.7%</b>
Share of Earnings of Equity-Method Entities	96	138	-30.1%	187	-48.4%	699	494	+41.6%
Other Non Operating Items	-22	240	n.s.	40	n.s.	-1	944	n.s.
<b>Pre-Tax Income</b>	<b>2,937</b>	<b>3,170</b>	<b>-7.3%</b>	<b>3,734</b>	<b>-21.3%</b>	<b>14,450</b>	<b>13,637</b>	<b>+6.0%</b>
Corporate Income Tax	-685	-759	-9.7%	-881	-22.2%	-3,853	-3,757	+2.6%
Net Income Attributable to Minority Interests	-102	-105	-2.9%	-92	+10.9%	-401	-392	+2.3%
<b>Net Income Attributable to Equity Holders</b>	<b>2,150</b>	<b>2,306</b>	<b>-6.7%</b>	<b>2,761</b>	<b>-22.1%</b>	<b>10,196</b>	<b>9,488</b>	<b>+7.5%</b>
<b>Cost/income</b>	<b>70.0%</b>	<b>70.6%</b>	<b>-0.6 pt</b>	<b>63.8%</b>	<b>+6.2 pt</b>	<b>66.8%</b>	<b>67.3%</b>	<b>-0.5 pt</b>

— Corporate income tax: average rate of 28.5% in 2022

— Operating divisions:

(2022 vs. 2021)	At historical scope & exchange rates	At constant scope & exchange rates	(4Q22 vs. 4Q21)	At historical scope & exchange rates	At constant scope & exchange rates
<b>Revenues</b>	<b>+10.4%</b>	<b>+7.8%</b>	<b>Revenues</b>	<b>+10.0%</b>	<b>+7.9%</b>
Operating expenses	+8.0%	+5.2%	Operating expenses	+8.1%	+5.6%
<b>Gross Operating Income</b>	<b>+14.9%</b>	<b>+12.9%</b>	<b>Gross Operating Income</b>	<b>+14.1%</b>	<b>+12.7%</b>
Cost of Risk	+0.5%	-5.9%	Cost of Risk	+63.2%	+49.7%
<b>Operating Income</b>	<b>+18.0%</b>	<b>+16.9%</b>	<b>Operating Income</b>	<b>+5.9%</b>	<b>+6.6%</b>
<b>Pre-Tax income</b>	<b>+17.8%</b>	<b>+17.1%</b>	<b>Pre-Tax income</b>	<b>+3.6%</b>	<b>+5.7%</b>



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 59

## Corporate and Institutional Banking – 4Q22

	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
€m								
<b>Corporate and Institutional Banking</b>								
<b>Revenues</b>	<b>3,858</b>	<b>3,264</b>	<b>+18.2%</b>	<b>3,799</b>	<b>+1.5%</b>	<b>16,465</b>	<b>14,236</b>	<b>+15.7%</b>
Operating Expenses and Dep.	-2,743	-2,348	+16.8%	-2,343	+17.1%	-10,753	-9,467	+13.6%
<b>Gross Operating Income</b>	<b>1,115</b>	<b>915</b>	<b>+21.8%</b>	<b>1,456</b>	<b>-23.4%</b>	<b>5,712</b>	<b>4,769</b>	<b>+19.8%</b>
Cost of Risk	-157	80	n.s.	-90	+73.8%	-325	-173	+88.2%
<b>Operating Income</b>	<b>958</b>	<b>996</b>	<b>-3.8%</b>	<b>1,366</b>	<b>-29.9%</b>	<b>5,387</b>	<b>4,596</b>	<b>+17.2%</b>
Share of Earnings of Equity-Method Entities	2	6	-70.7%	5	-64.2%	20	33	-39.0%
Other Non Operating Items	-8	1	n.s.	-3	n.s.	-10	24	n.s.
<b>Pre-Tax Income</b>	<b>952</b>	<b>1,003</b>	<b>-5.0%</b>	<b>1,369</b>	<b>-30.4%</b>	<b>5,398</b>	<b>4,654</b>	<b>+16.0%</b>
<b>Cost/Income</b>	<b>71.1%</b>	<b>72.0%</b>	<b>-0.9 pt</b>	<b>61.7%</b>	<b>+9.4 pt</b>	<b>65.3%</b>	<b>66.5%</b>	<b>-1.2 pt</b>
Allocated Equity (€bn, year to date)						29.9	26.2	+14.3%

- **Revenues: +18.2% vs. 4Q21** (+15.2% at constant scope and exchange rates)
  - Very strong increase in all three business lines: Global Banking (+15.0%), Global Markets (+23.8%), Securities Services (+12.8%)
- **Operating expenses: +16.8% vs. 4Q21** (+12.8% vs. 4Q21 at constant scope and exchange rates)
  - Impact of the faster pace of growth in activity in 4Q22
  - Exchange-rate and scope impact (~25% of growth vs. 4Q21)
  - Positive jaws effect (+1.4 pt) – positive jaws effect across all three businesses: Global Banking (+1.6 pt), Global Markets (+2.9 pts), Securities Services (+2.1 pts)
- **Cost of risk:** cost of risk driven up by provisions on performing loans (stages 1 & 2) (reminder: net release of provisions in 4Q21)



## Corporate and Institutional Banking

### Global Banking – 4Q22

	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
€m								
<b>Global Banking</b>								
<b>Revenues</b>	<b>1,522</b>	<b>1,324</b>	<b>+15.0%</b>	<b>1,181</b>	<b>+28.9%</b>	<b>5,218</b>	<b>5,087</b>	<b>+2.6%</b>
Operating Expenses and Dep.	-743	-655	+13.4%	-663	+12.1%	-2,878	-2,652	+8.5%
<b>Gross Operating Income</b>	<b>779</b>	<b>669</b>	<b>+16.5%</b>	<b>518</b>	<b>+50.5%</b>	<b>2,340</b>	<b>2,435</b>	<b>-3.9%</b>
Cost of Risk	-155	72	n.s.	-116	+33.3%	-336	-201	+67.6%
<b>Operating Income</b>	<b>624</b>	<b>741</b>	<b>-15.7%</b>	<b>402</b>	<b>+55.4%</b>	<b>2,004</b>	<b>2,234</b>	<b>-10.3%</b>
Share of Earnings of Equity-Method Entities	1	1	n.s.	1	+23.5%	4	16	-73.3%
Other Non Operating Items	0	-1	n.s.	0	+66.4%	0	-4	n.s.
<b>Pre-Tax Income</b>	<b>626</b>	<b>740</b>	<b>-15.5%</b>	<b>403</b>	<b>+55.3%</b>	<b>2,009</b>	<b>2,246</b>	<b>-10.6%</b>
<b>Cost/Income</b>	<b>48.8%</b>	<b>49.5%</b>	<b>-0.7 pt</b>	<b>56.1%</b>	<b>-7.3 pt</b>	<b>55.1%</b>	<b>52.1%</b>	<b>+3.0 pt</b>
Allocated Equity (€bn, year to date)						16.5	14.3	+15.5%

— **Revenues: +15.0% vs. 4Q21** (+11.5% at constant scope and exchange rates)

- Very good performance in an unfavourable context in 4Q22
- Very significant increase in Transaction Banking, particularly in cash management, driven by a favourable interest-rate environment and, in APAC

— **Operating expenses: +13.4% vs. 4Q21** (+9.3% at constant scope and exchange rates)

- Impact of the faster pace of growth in activity in 4Q22
- Exchange-rate and scope impact (~30% of growth vs. 4Q21)
- Positive jaws effect (+1.6 pt)



## Corporate and Institutional Banking

### Global Markets – 4Q22

€m	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
<b>Global Markets</b>								
<b>Revenues</b>	<b>1,657</b>	<b>1,338</b>	<b>+23.8%</b>	<b>1,986</b>	<b>-16.6%</b>	<b>8,660</b>	<b>6,820</b>	<b>+27.0%</b>
<i>incl. FICC</i>	1,094	755	+44.8%	1,124	-2.7%	5,234	3,947	+32.6%
<i>incl. Equity &amp; Prime Services</i>	563	583	-3.4%	863	-34.7%	3,426	2,872	+19.3%
Operating Expenses and Dep.	-1,480	-1,224	+20.9%	-1,167	+26.8%	-5,806	-4,924	+17.9%
<b>Gross Operating Income</b>	<b>177</b>	<b>115</b>	<b>+54.4%</b>	<b>819</b>	<b>-78.4%</b>	<b>2,855</b>	<b>1,896</b>	<b>+50.6%</b>
Cost of Risk	-3	10	n.s.	28	n.s.	11	27	-57.7%
<b>Operating Income</b>	<b>174</b>	<b>124</b>	<b>+39.6%</b>	<b>847</b>	<b>-79.5%</b>	<b>2,866</b>	<b>1,923</b>	<b>+49.1%</b>
Share of Earnings of Equity-Method Entities	1	5	-75.2%	3	-50.6%	14	14	+0.7%
Other Non Operating Items	-9	-5	+93.1%	-1	n.s.	-10	5	n.s.
<b>Pre-Tax Income</b>	<b>166</b>	<b>125</b>	<b>+32.8%</b>	<b>848</b>	<b>-80.4%</b>	<b>2,870</b>	<b>1,942</b>	<b>+47.8%</b>
<b>Cost/Income</b>	<b>89.3%</b>	<b>91.4%</b>	<b>-2.1 pt</b>	<b>58.8%</b>	<b>+30.5 pt</b>	<b>67.0%</b>	<b>72.2%</b>	<b>-5.2 pt</b>
Allocated Equity (€bn, year to date)						12.0	10.7	+12.5%

- **Revenues: +23.8% vs. 4Q21** (+20.4% at constant scope and exchange rates)
  - Very strong increase in derivatives demand, driven in particular by reallocation and hedging needs on fixed-income and currency products, emerging markets and commodities
  - Client demand less sustained in equity markets, particularly in derivatives
- **Operating expenses: +20.9% vs. 4Q21** (+16.0% at constant scope and exchange rates)
  - Impact of the faster pace of growth in activity in 4Q22
  - Exchange-rate and scope impact (~25% of growth vs. 4Q21)
  - Positive jaws effect (+2.9 pts)

1. Consolidation of Exane as at 01.07.21



**BNP PARIBAS**

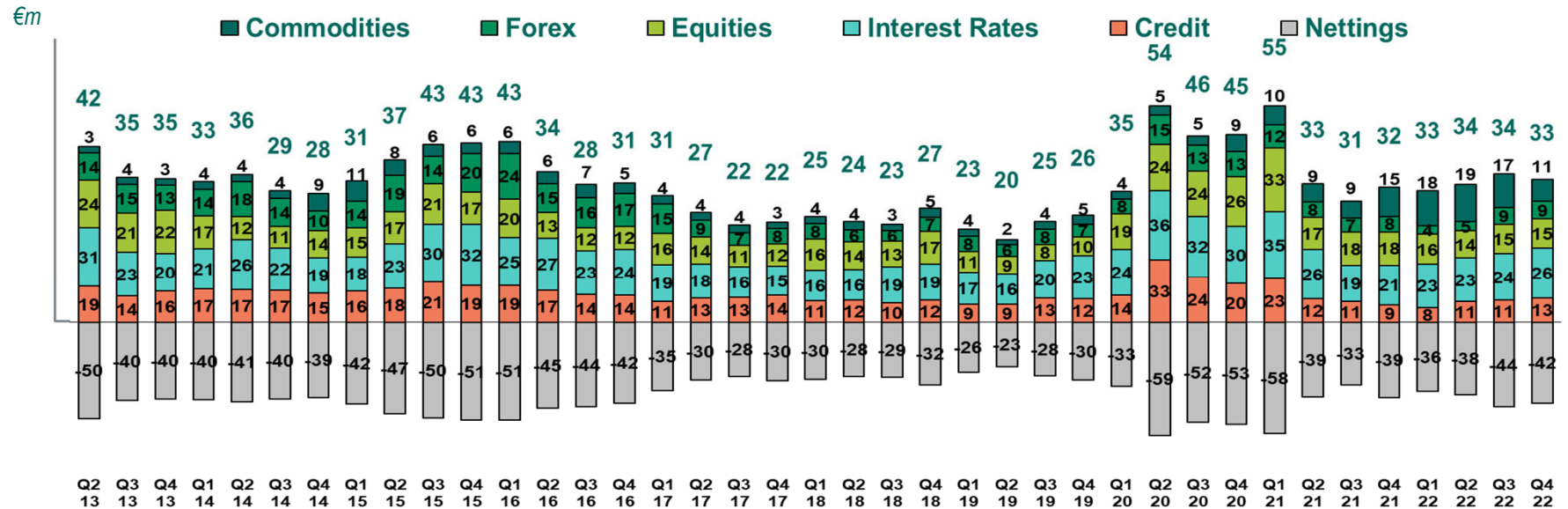
The bank for a changing world

2022 Full Year Results | 62

# Corporate and Institutional Banking

## Market risks – 4Q22

### ● Average 99% 1-day interval VaR (Value at Risk)



### ● Average VaR at a low level this quarter despite market conditions<sup>1</sup>

- VaR at a low level, slightly down vs. 3Q22, due to prudent management and a drop in commodities
- 2 theoretical back-testing events this quarter<sup>2</sup>
- 5 theoretical back-testing events this year and only 20 since 01.01.2013, a little more than two per year over a long period, including crises, in line with the internal (1 day, 99%) VaR calculation model

1. VaR calculated to monitor market limits; 2. With a theoretical loss that did not include the intraday result and commissions earned



## Corporate and Institutional Banking

### Securities Services – 4Q22

€m	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
<b>Securities Services</b>								
<b>Revenues</b>	<b>679</b>	<b>602</b>	<b>+12.8%</b>	<b>632</b>	<b>+7.4%</b>	<b>2,587</b>	<b>2,329</b>	<b>+11.0%</b>
Operating Expenses and Dep.	-520	-469	+10.7%	-513	+1.4%	-2,069	-1,892	+9.4%
<b>Gross Operating Income</b>	<b>159</b>	<b>132</b>	<b>+20.2%</b>	<b>119</b>	<b>+33.2%</b>	<b>517</b>	<b>438</b>	<b>+18.1%</b>
Cost of Risk	1	-2	n.s.	-2	n.s.	0	1	n.s.
<b>Operating Income</b>	<b>160</b>	<b>130</b>	<b>+22.9%</b>	<b>118</b>	<b>+36.1%</b>	<b>517</b>	<b>439</b>	<b>+17.8%</b>
Share of Earnings of Equity-Method Entities	-1	0	n.s.	1	n.s.	2	4	-40.3%
Other Non Operating Items	1	7	-81.5%	-1	n.s.	0	23	n.s.
<b>Pre-Tax Income</b>	<b>161</b>	<b>138</b>	<b>+16.6%</b>	<b>118</b>	<b>+36.4%</b>	<b>519</b>	<b>466</b>	<b>+11.4%</b>
<b>Cost/Income</b>	<b>76.6%</b>	<b>78.0%</b>	<b>-1.4 pt</b>	<b>81.1%</b>	<b>-4.5 pt</b>	<b>80.0%</b>	<b>81.2%</b>	<b>-1.2 pt</b>
Allocated Equity (€bn, year to date)						1.4	1.2	+16.1%

- **Revenues: +12.8% vs. 4Q21** (+11.8% at constant scope and exchange rates), favourable impacts of the steep increase in transaction volumes and the interest-rate environment
- **Good control of operating expenses:** positive jaws effect (+2.1 pts)

	31.12.22	31.12.21	%Var/ 31.12.21	30.09.22	%Var/ 30.09.22
<b>Securities Services</b>					
Assets under custody (€bn)	11,133	12,635	-11.9%	10,798	+3.1%
Assets under administration (€bn)	2,303	2,521	-8.7%	2,262	+1.8%
	4Q22	4Q21	4Q22/4Q21	3Q22	4Q22/3Q22
Number of transactions (in million)	36.9	35.5	+3.9%	35.5	+4.0%





## Commercial, Personal Banking & Services – 4Q22

€m	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
<b>Commercial, Personal Banking &amp; Services<sup>1</sup></b>								
Revenues	7,028	6,506	+8.0%	7,110	-1.1%	28,301	25,888	+9.3%
Operating Expenses and Dep.	-4,487	-4,252	+5.5%	-4,330	+3.6%	-17,928	-16,909	+6.0%
<b>Gross Operating Income</b>	<b>2,542</b>	<b>2,253</b>	<b>+12.8%</b>	<b>2,780</b>	<b>-8.6%</b>	<b>10,373</b>	<b>8,979</b>	<b>+15.5%</b>
Cost of Risk	-676	-597	+13.3%	-730	-7.4%	-2,452	-2,598	-5.6%
<b>Operating Income</b>	<b>1,866</b>	<b>1,657</b>	<b>+12.6%</b>	<b>2,050</b>	<b>-9.0%</b>	<b>7,920</b>	<b>6,381</b>	<b>+24.1%</b>
Share of Earnings of Equity-Method Entities	69	70	-1.4%	120	-42.5%	433	287	+50.9%
Other Non Operating Items	-62	-5	n.s.	5	n.s.	-19	53	n.s.
<b>Pre-Tax Income</b>	<b>1,873</b>	<b>1,722</b>	<b>+8.8%</b>	<b>2,175</b>	<b>-13.9%</b>	<b>8,334</b>	<b>6,721</b>	<b>+24.0%</b>
Income Attributable to Wealth and Asset Management	-103	-74	+40.7%	-83	+24.6%	-334	-275	+21.6%
<b>Pre-Tax Income of Commercial, Personal Banking &amp; Services</b>	<b>1,770</b>	<b>1,648</b>	<b>+7.3%</b>	<b>2,092</b>	<b>-15.4%</b>	<b>8,000</b>	<b>6,446</b>	<b>+24.1%</b>
<b>Cost/Income</b>	<b>63.8%</b>	<b>65.4%</b>	<b>-1.6 pt</b>	<b>60.9%</b>	<b>+2.9 pt</b>	<b>63.3%</b>	<b>65.3%</b>	<b>-2.0 pt</b>

Allocated Equity (€bn, year to date; including 2/3 of Private Banking in France, Belgium, Italy, Luxembourg, Poland, Türkiye, the United States and Germany)

47.4 43.3 +9.4%

1. Including 100% of Private Banking in France, Belgium, Italy, Luxembourg, Poland, Türkiye, the United States and Germany for the Revenues to Pre-tax income line items

- **Revenues: +8.0% vs. 4Q21**
  - Strong performance in Commercial & Personal Banking, driven by the increase in net interest income
  - Very strong increase at Specialised Businesses (Arval in particular)
- **Operating expenses: +5.5% vs. 4Q21**, increase driven by the growth in business activity and scope effects in Commercial & Personal Banking and Specialised Businesses – very positive jaws effect (+2.5 pts)
- **Pre-tax income: +7.3% vs. 4Q21**



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 65

## CPBS – Commercial & Personal Banking in France – 4Q22

€m	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
<b>Commercial &amp; Personal Banking in France<sup>1</sup></b>								
<b>Revenues</b>	<b>1,670</b>	<b>1,608</b>	<b>+3.9%</b>	<b>1,669</b>	<b>+0.1%</b>	<b>6,680</b>	<b>6,269</b>	<b>+6.6%</b>
<i>incl. net interest income</i>	902	884	+2.0%	899	+0.3%	3,568	3,401	+4.9%
<i>incl. fees</i>	768	724	+6.1%	769	-0.2%	3,112	2,869	+8.5%
Operating Expenses and Dep.	-1,210	-1,178	+2.7%	-1,133	+6.8%	-4,698	-4,557	+3.1%
<b>Gross Operating Income</b>	<b>460</b>	<b>430</b>	<b>+7.1%</b>	<b>536</b>	<b>-14.1%</b>	<b>1,982</b>	<b>1,712</b>	<b>+15.7%</b>
Cost of Risk	21	-99	n.s.	-102	n.s.	-237	-441	-46.2%
<b>Operating Income</b>	<b>481</b>	<b>331</b>	<b>+45.6%</b>	<b>434</b>	<b>+11.0%</b>	<b>1,745</b>	<b>1,271</b>	<b>+37.2%</b>
Share of Earnings of Equity-Method Entities	0	0	n.s.	0	n.s.	1	-1	n.s.
Other Non Operating Items	-1	-15	-96.5%	1	n.s.	25	39	-34.6%
<b>Pre-Tax Income</b>	<b>481</b>	<b>316</b>	<b>+52.3%</b>	<b>434</b>	<b>+10.7%</b>	<b>1,771</b>	<b>1,309</b>	<b>+35.3%</b>
Income Attributable to Wealth and Asset Management	-48	-35	+34.6%	-36	+30.9%	-158	-127	+24.0%
<b>Pre-Tax Income of Commercial &amp; Personal Banking in France</b>	<b>433</b>	<b>280</b>	<b>+54.5%</b>	<b>398</b>	<b>+8.8%</b>	<b>1,613</b>	<b>1,181</b>	<b>+36.5%</b>
<b>Cost/Income</b>	<b>72.4%</b>	<b>73.3%</b>	<b>-0.9 pt</b>	<b>67.9%</b>	<b>+4.5 pt</b>	<b>70.3%</b>	<b>72.7%</b>	<b>-2.4 pt</b>
Allocated Equity (€bn, year to date; including 2/3 of Private Banking in France)						11.3	10.6	+6.0%

1. Including 100% of Private Banking in France for the Revenues to Pre-tax income line items<sup>1</sup>

### ● Revenues: +3.9% vs. 4Q21

- Net interest income: +2.0%, increase driven by the positive impact of the interest-rate environment despite the impact of the gradual adjustment of loan margins
- Fees: +6.1%, further increase in particular in the corporate segment

### ● Operating expenses: +2.7% vs. 4Q21, increase driven by business development and the impact of cost-savings measures; positive jaws effect (+1.2 pt)

### ● Pre-tax income: +54.5% vs. 4Q21, strong decrease in the cost of risk with a release of provisions for €163m on performing loans (stages 1 & 2) due to a change in methodology<sup>2</sup> (-€43m without this impact)

1. PEL/CEL effect: +€8m in 4Q22 (+€6m in 4Q21); 2. to align with specific European standards



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 66

## CPBS – Commercial & Personal Banking in France

### Volumes

Average outstandings (€bn)	4Q22	%Var/4Q21	%Var/3Q22	2022	%Var/2021
<b>LOANS</b>	<b>213.5</b>	<b>+6.3%</b>	<b>+0.9%</b>	<b>208.9</b>	<b>+4.8%</b>
Individual Customers	111.9	+4.2%	+0.5%	110.4	+5.2%
Incl. Mortgages	100.1	+3.9%	+0.4%	99.0	+5.2%
Incl. Consumer Lending	11.8	+6.8%	+1.7%	11.5	+5.5%
Corporates	101.5	+8.6%	+1.3%	98.5	+4.4%
<b>DEPOSITS AND SAVINGS</b>	<b>246.6</b>	<b>+2.3%</b>	<b>-0.9%</b>	<b>244.7</b>	<b>+4.8%</b>
Current Accounts	157.9	-6.2%	-8.2%	166.4	+3.2%
Savings Accounts	68.3	+2.2%	-0.2%	68.0	+1.8%
Market Rate Deposits	20.4	n.s.	n.s.	10.3	+84.9%

€bn	31.12.22	%Var/ 31.12.21	%Var/ 30.09.22
<b>OFF BALANCE SHEET SAVINGS</b>			
Life Insurance	101.5	-2.3%	+1.0%
Mutual Funds	38.7	-7.6%	+16.4%



## CPBS – BNL banca commerciale – 4Q22

€m	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
<b>BNL bc<sup>1</sup></b>								
<b>Revenues</b>	<b>656</b>	<b>668</b>	<b>-1.9%</b>	<b>652</b>	<b>+0.5%</b>	<b>2,634</b>	<b>2,680</b>	<b>-1.7%</b>
<i>incl. net interest income</i>	369	370	-0.2%	382	-3.2%	1,519	1,539	-1.3%
<i>incl. fees</i>	286	298	-3.9%	271	+5.7%	1,115	1,141	-2.2%
Operating Expenses and Dep.	-426	-438	-2.9%	-440	-3.2%	-1,735	-1,780	-2.5%
<b>Gross Operating Income</b>	<b>230</b>	<b>230</b>	<b>+0.1%</b>	<b>213</b>	<b>+8.1%</b>	<b>899</b>	<b>900</b>	<b>-0.1%</b>
Cost of Risk	-114	-143	-19.8%	-114	+0.6%	-465	-487	-4.5%
<b>Operating Income</b>	<b>116</b>	<b>87</b>	<b>+32.5%</b>	<b>99</b>	<b>+16.8%</b>	<b>433</b>	<b>413</b>	<b>+5.0%</b>
Share of Earnings of Equity-Method Entities	0	0	n.s.	0	n.s.	0	0	n.s.
Other Non Operating Items	0	0	n.s.	0	n.s.	2	0	n.s.
<b>Pre-Tax Income</b>	<b>116</b>	<b>87</b>	<b>+33.2%</b>	<b>99</b>	<b>+17.2%</b>	<b>436</b>	<b>413</b>	<b>+5.7%</b>
Income Attributable to Wealth and Asset Management	-5	-9	-41.4%	-4	+19.9%	-26	-35	-27.8%
<b>Pre-Tax Income of BNL bc</b>	<b>111</b>	<b>78</b>	<b>+41.8%</b>	<b>95</b>	<b>+17.1%</b>	<b>410</b>	<b>377</b>	<b>+8.8%</b>
<b>Cost/Income</b>	<b>64.9%</b>	<b>65.6%</b>	<b>-0.7 pt</b>	<b>67.4%</b>	<b>-2.5 pt</b>	<b>65.9%</b>	<b>66.4%</b>	<b>-0.5 pt</b>
Allocated Equity (€bn, year to date; including 2/3 of Private Banking in Italy)						6.0	5.3	+11.4%

1. Including 100% of Private Banking in Italy for the Revenues to Pre-tax income line items

- **Revenues: -1.9% vs. 4Q21 (stable at constant scope<sup>1</sup>)**
  - Net interest income (-0.2%): positive impact of the interest-rate environment on deposits and gradual adjustment in loan margins
  - Fees (-3.9%): increase at constant scope<sup>1</sup> (+0.3%), driven by higher banking fees, offset partly by lower financial fees
- **Operating expenses: -2.9% vs. 4Q21 (-0.5% at constant scope<sup>1</sup>)**
  - Impact of the transformation of the operating model and adaptation measures (“Quota 100” retirement plan)
  - Positive jaws effect (+1.0 pt)
- **Pre-tax income: +41.8% vs. 4Q21 (+46.1% at constant scope<sup>1</sup>), decrease in the cost of risk**

1. Business divestment effective 02.01.22



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 68

## CPBS – BNL banca commerciale

### Volumes

Average outstandings (€bn)	4Q22	%Var/4Q21	%Var/3Q22	2022	%Var/2021
<b>LOANS</b>	<b>78.7</b>	<b>+0.4%</b>	<b>-0.5%</b>	<b>78.6</b>	<b>+2.1%</b>
Individual Customers	38.7	+2.2%	+0.6%	38.3	+1.4%
Incl. Mortgages	27.4	+3.4%	-0.2%	27.2	+3.8%
Incl. Consumer Lending	5.0	+6.0%	-0.2%	4.9	+3.3%
Corporates	40.0	-1.4%	-1.5%	40.3	+2.7%
<b>DEPOSITS AND SAVINGS</b>	<b>64.1</b>	<b>+3.3%</b>	<b>-1.9%</b>	<b>64.3</b>	<b>+8.5%</b>
Individual Deposits	37.3	-0.1%	-2.1%	37.9	+4.8%
Incl. Current Accounts	37.1	-0.1%	-2.2%	37.7	+4.9%
Corporate Deposits	26.8	+8.5%	-1.4%	26.5	+14.1%

€bn	31.12.22	%Var/ 31.12.21	%Var/ 30.09.22
<b>OFF BALANCE SHEET SAVINGS</b>			
Life Insurance	25.2	-2.1%	-1.6%
Mutual Funds	14.8	-17.9%	-0.9%



## CPBS – Commercial & Personal Banking in Belgium – 4Q22

€m	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
<b>Commercial &amp; Personal Banking in Belgium<sup>1</sup></b>								
<b>Revenues</b>	<b>947</b>	<b>854</b>	<b>+10.9%</b>	<b>917</b>	<b>+3.3%</b>	<b>3,764</b>	<b>3,509</b>	<b>+7.3%</b>
<i>incl. net interest income</i>	673	581	+15.9%	636	+5.8%	2,618	2,404	+8.9%
<i>incl. fees</i>	274	273	+0.2%	281	-2.4%	1,146	1,106	+3.6%
Operating Expenses and Dep.	-598	-540	+10.8%	-558	+7.2%	-2,615	-2,384	+9.7%
<b>Gross Operating Income</b>	<b>348</b>	<b>314</b>	<b>+11.0%</b>	<b>359</b>	<b>-2.8%</b>	<b>1,149</b>	<b>1,125</b>	<b>+2.1%</b>
Cost of Risk	-20	28	n.s.	-17	+21.7%	-36	-99	-63.9%
<b>Operating Income</b>	<b>328</b>	<b>342</b>	<b>-4.0%</b>	<b>342</b>	<b>-4.0%</b>	<b>1,113</b>	<b>1,026</b>	<b>+8.5%</b>
Share of Earnings of Equity-Method Entities	0	2	-94.7%	0	n.s.	0	6	-91.9%
Other Non Operating Items	-1	1	n.s.	3	n.s.	10	13	-28.6%
<b>Pre-Tax Income</b>	<b>327</b>	<b>344</b>	<b>-4.8%</b>	<b>345</b>	<b>-5.1%</b>	<b>1,123</b>	<b>1,045</b>	<b>+7.5%</b>
Income Attributable to Wealth and Asset Management	-25	-18	+39.8%	-19	+28.6%	-74	-71	+3.5%
<b>Pre-Tax Income of Commercial &amp; Personal Banking in Belgium</b>	<b>303</b>	<b>326</b>	<b>-7.2%</b>	<b>326</b>	<b>-7.1%</b>	<b>1,049</b>	<b>973</b>	<b>+7.8%</b>
<b>Cost/Income</b>	<b>63.2%</b>	<b>63.3%</b>	<b>-0.1 pt</b>	<b>60.9%</b>	<b>+2.3 pt</b>	<b>69.5%</b>	<b>67.9%</b>	<b>+1.6 pt</b>
Allocated Equity (€bn, year to date; including 2/3 of Private Banking in Belgium)						6.1	5.3	+16.1%

1. Including 100% of Private Banking in Belgium for the Revenues to Pre-tax income line items

- **Revenues: +10.9% vs. 4Q21 (+4.3% at constant scope and exchange rates)**
  - Net interest income: +15.9% (+6.5% at constant scope and exchange rates), strong growth driven by increased deposits volumes, supported by the integration of bpost bank in a favourable interest-rate environment
  - Fees: +0.2%; the increase in banking fees was offset partly by the decrease in financial fees
- **Operating expenses: +10.8% vs. 4Q21 (+4.0% at constant scope and exchange rates)**
  - Increase driven by expanded business activity; the impact of inflation was partly offset by the impact of cost-savings and optimisation measures
  - Positive jaws effect
- **Pre-tax income: -7.2% vs. 4Q21**, impact of the increase in cost of risk, driven mainly by the release of provisions on performing loans (stages 1 & 2) in 4Q21



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 70

## CPBS – Commercial & Personal Banking in Belgium

### Volumes

Average outstandings (€bn)	4Q22	%Var/4Q21	%Var/3Q22	2022	%Var/2021
<b>LOANS</b>	<b>138.3</b>	<b>+14.9%</b>	<b>+1.1%</b>	<b>135.0</b>	<b>+14.8%</b>
Individual Customers	89.0	+16.5%	+1.3%	87.2	+16.0%
Incl. Mortgages	66.1	+18.9%	+1.6%	64.9	+18.3%
Incl. Consumer Lending	0.2	-22.3%	-34.5%	0.3	+3.7%
Incl. Small Businesses	22.6	+10.4%	+1.1%	22.0	+9.8%
Corporates and Local Governments	49.3	+12.1%	+0.6%	47.9	+12.7%
<b>DEPOSITS AND SAVINGS</b>	<b>161.2</b>	<b>+8.3%</b>	<b>-0.7%</b>	<b>161.5</b>	<b>+9.2%</b>
Current Accounts	72.0	+3.3%	-4.8%	75.6	+10.0%
Savings Accounts	82.7	+7.5%	-1.3%	82.4	+7.1%
Term Deposits	6.5	n.s.	n.s.	3.6	+56.3%

€bn	31.12.22	%Var/ 31.12.21	%Var/ 30.09.22
<b>OFF BALANCE SHEET SAVINGS</b>			
Life Insurance	24.3	-1.5%	-0.3%
Mutual Funds	37.6	-11.2%	+1.2%

— Restatement of 2021 outstandings related to the integration of an activity



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 71

## CPBS – Commercial & Personal Banking in Luxembourg – 4Q22 & 2022

€m	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
<b>Commercial &amp; Personal Banking in Luxembourg<sup>1</sup></b>								
<b>Revenues</b>	<b>130</b>	<b>113</b>	<b>+15.2%</b>	<b>116</b>	<b>+12.2%</b>	<b>475</b>	<b>427</b>	<b>+11.2%</b>
incl. net interest income	105	87	+21.4%	94	+12.4%	377	339	+11.3%
incl. fees	25	26	-5.5%	22	+11.6%	97	88	+10.8%
Operating Expenses and Dep.	-67	-64	+5.0%	-62	+7.1%	-275	-268	+2.4%
<b>Gross Operating Income</b>	<b>63</b>	<b>49</b>	<b>+28.3%</b>	<b>54</b>	<b>+18.1%</b>	<b>200</b>	<b>158</b>	<b>+26.1%</b>
Cost of Risk	9	3	n.s.	3	n.s.	19	-2	n.s.
<b>Operating Income</b>	<b>72</b>	<b>52</b>	<b>+37.2%</b>	<b>56</b>	<b>+28.0%</b>	<b>219</b>	<b>156</b>	<b>+40.1%</b>
Share of Earnings of Equity-Method Entities	0	0	-61.6%	0	+11.3%	0	0	+11.7%
Other Non Operating Items	0	0	n.s.	1	-97.3%	3	0	n.s.
<b>Pre-Tax Income</b>	<b>72</b>	<b>52</b>	<b>+38.3%</b>	<b>58</b>	<b>+24.8%</b>	<b>222</b>	<b>156</b>	<b>+42.3%</b>
Income Attributable to Wealth and Asset Management	-2	-2	+9.7%	-1	+50.1%	-6	-6	+5.8%
<b>Pre-Tax Income of Commercial &amp; Personal Banking in Luxembourg</b>	<b>70</b>	<b>50</b>	<b>+39.3%</b>	<b>56</b>	<b>+24.3%</b>	<b>216</b>	<b>150</b>	<b>+43.7%</b>
<b>Cost/Income</b>	<b>51.3%</b>	<b>56.3%</b>	<b>-5.0 pt</b>	<b>53.8%</b>	<b>-2.5 pt</b>	<b>57.9%</b>	<b>62.9%</b>	<b>-5.0 pt</b>
Allocated Equity (€bn, year to date; including 2/3 of Private Banking in Luxembourg)						0.8	0.7	+13.4%

1. Including 100% of Private Banking in Luxembourg for the Revenues to Pre-tax income line items

### — Revenues: +15.2% vs. 4Q21; +11.2% vs. 2021

- Net interest income: +21.4% vs. 4Q21; +11.3% vs. 2021, very strong increase driven by higher volumes and a good performance of margin on deposits from corporate clients
- Fees: -5.5% vs. 4Q21; +10.8% vs. 2021, increase driven by fees on corporate clients

### — Operating expenses: +5.0% vs. 4Q21; +2.4% vs. 2021, control of operating expenses and very positive jaws effect (+8.8 pts in 2022)

### — Pre-tax income: +39.3% vs. 4Q21; +43.7% vs. 2021



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 72



## CPBS – Commercial & Personal Banking in Luxembourg

### Volumes

Average outstandings (€bn)	4Q22	%Var/4Q21	%Var/3Q22	2022	%Var/2021
<b>LOANS</b>	<b>13.1</b>	<b>+5.5%</b>	<b>+0.5%</b>	<b>12.9</b>	<b>+6.4%</b>
Individual Customers	8.2	+3.6%	+0.8%	8.1	+4.0%
Corporates and Local Governments	4.9	+8.9%	-0.0%	4.8	+10.8%
<b>DEPOSITS AND SAVINGS</b>	<b>30.1</b>	<b>+2.6%</b>	<b>-2.8%</b>	<b>30.0</b>	<b>+7.2%</b>
Current Accounts	17.2	-8.4%	-10.0%	18.3	+3.4%
Savings Accounts	8.3	-7.4%	-4.7%	8.6	-2.7%
Term Deposits	4.6	n.s.	+45.6%	3.1	n.s.

€bn	31.12.22	%Var/ 31.12.21	%Var/ 30.09.22
<b>OFF BALANCE SHEET SAVINGS</b>			
Life Insurance	1.0	-9.0%	-2.3%
Mutual Funds	1.9	-17.0%	+1.1%



## CPBS – Europe-Mediterranean – 4Q22

€m	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
<b>Europe-Mediterranean<sup>1</sup></b>								
<b>Revenues</b>	<b>534</b>	<b>449</b>	<b>+19.0%</b>	<b>607</b>	<b>-11.9%</b>	<b>2,346</b>	<b>1,941</b>	<b>+20.9%</b>
<i>incl. net interest income</i>	433	320	+35.3%	488	-11.3%	1,895	1,470	+28.9%
<i>incl. fees</i>	101	129	-21.4%	118	-14.4%	451	471	-4.1%
Operating Expenses and Dep.	-417	-395	+5.5%	-393	+6.1%	-1,649	-1,606	+2.7%
<b>Gross Operating Income</b>	<b>118</b>	<b>54</b>	<b>n.s.</b>	<b>214</b>	<b>-45.0%</b>	<b>697</b>	<b>335</b>	<b>n.s.</b>
Cost of Risk	-10	-32	-68.5%	-55	-81.7%	-153	-144	+5.9%
<b>Operating Income</b>	<b>108</b>	<b>22</b>	<b>n.s.</b>	<b>159</b>	<b>-32.2%</b>	<b>544</b>	<b>190</b>	<b>n.s.</b>
Share of Earnings of Equity-Method Entities	74	46	+59.6%	100	-25.7%	376	234	+60.6%
Other Non Operating Items	-53	-3	n.s.	-5	n.s.	-87	-53	+65.7%
<b>Pre-Tax Income</b>	<b>129</b>	<b>65</b>	<b>+96.4%</b>	<b>253</b>	<b>-49.2%</b>	<b>833</b>	<b>372</b>	<b>n.s.</b>
Income Attributable to Wealth and Asset Management	-6	-2	n.s.	-3	+77.1%	-16	-8	n.s.
<b>Pre-Tax Income of Europe-Mediterranean</b>	<b>122</b>	<b>63</b>	<b>+93.1%</b>	<b>250</b>	<b>-51.0%</b>	<b>817</b>	<b>364</b>	<b>n.s.</b>
<b>Cost/Income</b>	<b>78.0%</b>	<b>87.9%</b>	<b>-9.9 pt</b>	<b>64.7%</b>	<b>+13.3 pt</b>	<b>70.3%</b>	<b>82.8%</b>	<b>-12.5 pt</b>
Allocated Equity (€bn, year to date; including 2/3 of Private Banking in Poland and Turkey)						5.5	5.0	+8.6%

1. Including 100% of Private Banking in Poland and in Türkiye for the Revenues to Pre-tax income line items

- **Foreign-exchange impact driven by the euro's appreciation vs. the Turkish lira and the zloty**
  - TRY/EUR<sup>1</sup>: -24.4% vs. 4Q21, -9.2% vs. 3Q22, -24.4% vs. 2021
  - PLN/EUR<sup>2</sup>: -2.2% vs. 4Q21, +0.3% vs. 3Q22, -2.5% vs. 2021
- **Limited overall impact of the implementation of IAS 29, and taking into account the efficiency of the hedging with CPI linkers (inflation-linked bonds) in 4Q22 in Türkiye: -€4m in pre-tax income**
- **At constant scope and exchange rates<sup>3</sup> vs. 4Q21**
  - **Revenues<sup>4</sup>**: +35.5%, driven by strong growth in net interest income on deposits and despite the impact of negative items related to loans in 4Q21 and 4Q22 in Poland<sup>5</sup>
  - **Operating expenses<sup>4</sup>**: +17.2%, very positive jaws effect (+18.4 pts)
  - **Pre-tax income<sup>6</sup>**: x3.5

1. End of period exchange rates based on the application in Türkiye of IAS 29; 2. Average exchange rates; 3. At constant scope and exchange rates excluding Türkiye at historical exchange rates in accordance with IAS 29; 4. Including 100% of Private Banking; 5. In particular impact of a negative item for -€82m in 4Q22; 6. Including 2/3 of Private Banking



**BNP PARIBAS**

The bank for a changing world

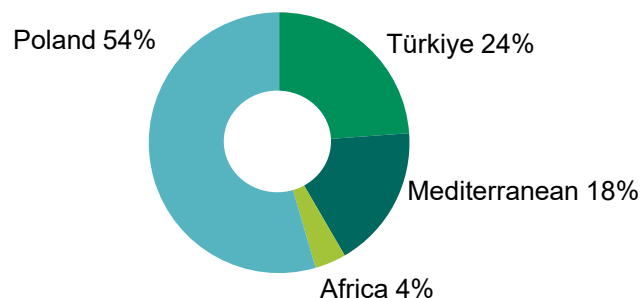
2022 Full Year Results | 74

## CPBS – Europe-Mediterranean

### Volumes and risks

Average outstandings (€bn)	4Q22	%Var/4Q21 historical at constant scope and exchange rates		%Var/3Q22 historical at constant scope and exchange rates		2022	%Var/2021 historical at constant scope and exchange rates	
LOANS	34.9	+1.3%	+15.8%	-1.3%	+0.6%	34.9	+1.8%	+17.7%
DEPOSITS	42.9	+5.2%	+23.3%	+0.8%	+2.2%	41.5	+3.6%	+21.8%

#### Geographical breakdown in loans outstanding in 4Q22<sup>1</sup>



#### Cost of risk / loans outstanding

Annualised cost of risk / outstandings as at beginning of period	4Q21	1Q22	2Q22	3Q22	4Q22
Türkiye	0.61%	0.62%	0.22%	1.05%	1.12%
Poland	-0.03%	0.16%	0.63%	0.31%	0.01%
Others	0.79%	0.83%	0.64%	0.69%	-0.85%
<b>Europe-Mediterranean</b>	<b>0.34%</b>	<b>0.43%</b>	<b>0.53%</b>	<b>0.58%</b>	<b>0.11%</b>

#### TEB: a solid and well capitalised bank

- Solvency ratio<sup>2</sup> of 18.60% as at 31.12.22
- Very largely self-financed
- 1.0% of the Group's loans outstanding as at 31.12.22

1. Based on the perimeter as of 31.12.22; 2. Capital Adequacy Ratio (CAR)

## CPBS – BancWest – 4Q22

€m	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
<b>BancWest<sup>1</sup></b>								
<b>Revenues</b>	<b>722</b>	<b>626</b>	<b>+15.4%</b>	<b>733</b>	<b>-1.5%</b>	<b>2,731</b>	<b>2,426</b>	<b>+12.6%</b>
<i>incl. net interest income</i>	605	502	+20.5%	615	-1.7%	2,282	2,026	+12.6%
<i>incl. fees</i>	117	124	-5.2%	118	-0.6%	450	400	+12.4%
Operating Expenses and Dep.	-525	-457	+15.0%	-566	-7.2%	-2,061	-1,697	+21.4%
<b>Gross Operating Income</b>	<b>197</b>	<b>169</b>	<b>+16.4%</b>	<b>167</b>	<b>+17.7%</b>	<b>670</b>	<b>729</b>	<b>-8.1%</b>
Cost of Risk	-76	24	n.s.	-49	+56.3%	39	45	-14.1%
<b>Operating Income</b>	<b>121</b>	<b>194</b>	<b>-37.5%</b>	<b>119</b>	<b>+1.9%</b>	<b>709</b>	<b>774</b>	<b>-8.4%</b>
Share of Earnings of Equity-Method Entities	0	0	n.s.	0	n.s.	0	0	n.s.
Other Non Operating Items	0	6	-99.3%	2	-97.9%	4	19	-81.1%
<b>Pre-Tax Income</b>	<b>121</b>	<b>199</b>	<b>-39.3%</b>	<b>121</b>	<b>+0.3%</b>	<b>713</b>	<b>794</b>	<b>-10.2%</b>
Income Attributable to Wealth and Asset Management	-17	-7	n.s.	-18	-5.4%	-52	-25	n.s.
<b>Pre-Tax Income of BancWest</b>	<b>104</b>	<b>192</b>	<b>-45.8%</b>	<b>103</b>	<b>+1.3%</b>	<b>660</b>	<b>769</b>	<b>-14.1%</b>
<b>Cost/Income</b>	<b>72.7%</b>	<b>73.0%</b>	<b>-0.3 pt</b>	<b>77.2%</b>	<b>-4.5 pt</b>	<b>75.5%</b>	<b>70.0%</b>	<b>+5.5 pt</b>
Allocated Equity (€bn, year to date; including 2/3 of Private Banking in the United States)						5.6	5.0	+13.5%

1. Including 100% of U.S. Private Banking for the Revenues to Pre-tax income line items

### ● Foreign-exchange effect: appreciation of the dollar compared to the euro

- USD / EUR<sup>1</sup>: +11.8% vs. 4Q21, -1.5% vs. 3Q22, +12.3% vs. 2021

### ● At constant scope and exchange rates vs. 4Q21

- **Revenues<sup>2</sup>**: +3.2%, driven by the strong increase in net interest income
- **Operating expenses<sup>2</sup>**: +3.2%, increase notably due to targeted projects
- **Cost of risk<sup>2</sup>**: release of provisions in 4Q21
- **Pre-tax income<sup>3</sup>**: -51.9%

1. Average exchange rates; 2. Including 100% of Private Banking in the United States; 3. Including 2/3 of Private Banking in the United States



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 76

# CPBS – BancWest

## Volumes

Average outstandings (€bn)	4Q22	%Var/4Q21		%Var/3Q22		2022	%Var/2021	
		historical	at constant scope and exchange rates	historical	at constant scope and exchange rates		historical	at constant scope and exchange rates
<b>LOANS</b>	<b>58.5</b>	<b>+17.4%</b>	<b>+5.0%</b>	<b>-0.2%</b>	<b>+1.4%</b>	<b>55.8</b>	<b>+13.1%</b>	<b>+0.7%</b>
Individual Customers	25.7	+23.9%	+10.8%	+0.7%	+2.2%	24.0	+19.6%	+6.4%
Incl. Mortgages	11.7	+38.9%	+24.2%	+3.2%	+4.8%	10.6	+30.4%	+16.1%
Incl. Consumer Lending	14.0	+13.7%	+1.7%	-1.3%	+0.2%	13.5	+12.3%	-0.1%
Commercial Real Estate	15.8	+9.2%	-2.4%	-1.4%	+0.1%	15.5	+10.2%	-1.9%
Corporate Loans	16.9	+16.2%	+3.9%	-0.3%	+1.3%	16.2	+7.3%	-4.5%
<b>DEPOSITS AND SAVINGS</b>	<b>71.6</b>	<b>-1.1%</b>	<b>-11.6%</b>	<b>-5.0%</b>	<b>-3.5%</b>	<b>72.9</b>	<b>+5.7%</b>	<b>-6.0%</b>
Customer Deposits	66.0	-1.7%	-12.1%	-5.6%	-4.1%	67.6	+5.7%	-6.0%



## CPBS – Specialised Businesses – Personal Finance – 4Q22

€m	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
<b>Personal Finance</b>								
<b>Revenues</b>	1,283	1,294	-0.9%	1,345	-4.6%	5,387	5,216	+3.3%
Operating Expenses and Dep.	-739	-710	+4.1%	-689	+7.3%	-2,922	-2,804	+4.2%
<b>Gross Operating Income</b>	<b>544</b>	<b>584</b>	<b>-7.0%</b>	<b>656</b>	<b>-17.1%</b>	<b>2,465</b>	<b>2,412</b>	<b>+2.2%</b>
Cost of Risk	-413	-346	+19.2%	-336	+22.9%	-1,373	-1,314	+4.5%
<b>Operating Income</b>	<b>131</b>	<b>238</b>	<b>-45.1%</b>	<b>320</b>	<b>-59.2%</b>	<b>1,092</b>	<b>1,097</b>	<b>-0.5%</b>
Share of Earnings of Equity-Method Entities	-5	22	n.s.	22	n.s.	57	53	+8.4%
Other Non Operating Items	-15	-2	n.s.	-2	n.s.	-29	25	n.s.
<b>Pre-Tax Income</b>	<b>111</b>	<b>258</b>	<b>-57.0%</b>	<b>340</b>	<b>-67.4%</b>	<b>1,121</b>	<b>1,175</b>	<b>-4.6%</b>
<b>Cost/Income</b>	<b>57.6%</b>	<b>54.9%</b>	<b>+2.7 pt</b>	<b>51.2%</b>	<b>+6.4 pt</b>	<b>54.2%</b>	<b>53.8%</b>	<b>+0.4 pt</b>
Allocated Equity (€bn, year to date)						8.1	7.7	+5.4%

### — At constant scope and exchange rates vs. 4Q21

- **Revenues: -4.0%**, decrease driven mainly by the strong pressure on margins, -0.9% at historical scope and exchange rates with the consolidation of 50% of Floa's contribution, effective 01.02.22
- **Operating expenses: +0.7%**, increase driven by targeted projects
- **Pre-tax income: -50.2%**, related particularly to the increase in cost of risk and the decrease in contribution from associates from a high basis of comparison in 4Q21



## CPBS – Specialised Businesses – Personal Finance

### Volumes and risks

Average outstandings (€bn)	4Q22	%Var/4Q21		%Var/3Q22		2022	%Var/2021	
		historical	at constant scope and exchange rates	historical	at constant scope and exchange rates		historical	at constant scope and exchange rates
<b>TOTAL CONSOLIDATED OUTSTANDINGS</b>	<b>95.8</b>	<b>+5.0%</b>	<b>+3.8%</b>	<b>+1.5%</b>	<b>+1.8%</b>	<b>94.1</b>	<b>+3.5%</b>	<b>+2.3%</b>
<b>TOTAL OUTSTANDINGS UNDER MANAGEMENT (1)</b>	<b>111.5</b>	<b>+5.1%</b>	<b>+3.9%</b>	<b>+1.3%</b>	<b>+1.9%</b>	<b>109.6</b>	<b>+4.6%</b>	<b>+1.8%</b>

(1) Including 100% of outstandings of subsidiaries not fully owned as well as of all partnerships

### ● Cost of risk / outstandings

Annualised cost of risk / outstandings as at beginning of period	4Q21	1Q22	2Q22	3Q22	4Q22
France	1.41%	1.13%	1.70%	2.11%	0.81%
Italy	0.70%	1.64%	1.56%	1.22%	1.03%
Spain	2.37%	1.40%	1.56%	1.64%	2.58%
Other Western Europe	1.57%	0.98%	0.77%	0.72%	1.92%
Eastern Europe	1.51%	1.25%	-0.35%	1.40%	1.57%
Brazil	7.05%	6.61%	6.11%	6.42%	13.60%
Others	1.67%	1.73%	0.75%	1.28%	1.57%
<b>Personal Finance</b>	<b>1.50%</b>	<b>1.34%</b>	<b>1.29%</b>	<b>1.39%</b>	<b>1.70%</b>



## CPBS – Specialised Businesses – 4Q22

### Arval & Leasing Solutions

€m	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
Arval & Leasing Solutions								
Revenues	858	709	+21.0%	874	-1.9%	3,438	2,675	+28.5%
Operating Expenses and Dep.	-347	-328	+5.8%	-341	+1.7%	-1,395	-1,298	+7.4%
Gross Operating Income	511	381	+34.2%	534	-4.2%	2,043	1,377	+48.4%
Cost of Risk	-30	-30	-1.8%	-38	-20.4%	-146	-150	-2.6%
Operating Income	482	351	+37.3%	496	-2.9%	1,897	1,227	+54.6%
Share of Earnings of Equity-Method Entities	2	3	-16.9%	1	+93.8%	8	7	+12.0%
Other Non Operating Items	7	0	n.s.	5	+44.8%	52	0	n.s.
Pre-Tax Income	491	353	+38.8%	502	-2.3%	1,957	1,235	+58.5%
Cost/Income	40.4%	46.2%	-5.8 pt	39.0%	+1.4 pt	40.6%	48.5%	-7.9 pt
Allocated Equity (€bn, year to date)						3.5	3.2	+7.0%

#### ● Revenues: +21.0% vs. 4Q21

- Very good performance at Arval, driven by very high used car prices and by organic growth in the financed fleet
- Good increase at Leasing Solutions, driven by higher outstandings

#### ● Operating expenses: +5.8% vs. 4Q21

- Growth at marginal cost
- Very positive jaws effect (+15.3 pts)

#### ● Pre-tax income: +38.8% vs. 4Q21 (reminder: 4Q22 impact of the effects induced by the hyperinflation situation in Türkiye (application of IAS 29) in the amount of +€7m on “Other non-operating items”, and thus +€51m for 2022)



BNP PARIBAS

The bank for a changing world

2022 Full Year Results | 80



## CPBS – Specialised Businesses

### Arval & Leasing Solutions

#### ● Arval

	4Q22	%Var/4Q21		%Var/3Q22		2022	%Var/2021	
		historical	at constant scope and exchange rates	historical	at constant scope and exchange rates		historical	at constant scope and exchange rates
<i>Average outstandings (€bn)</i>								
Consolidated Outstandings	28.1	+12.4%	+11.4%	+4.7%	+4.0%	26.7	+10.7%	+10.3%
Financed vehicles ('000 of vehicles)	1,592	+8.3%	+5.7%	+4.7%	+2.2%	1,524	+6.6%	+3.9%

#### ● Leasing Solutions

	4Q22	%Var/4Q21		%Var/3Q22		2022	%Var/2021	
		historical	at constant scope and exchange rates	historical	at constant scope and exchange rates		historical	at constant scope and exchange rates
<i>Average outstandings (€bn)</i>								
Consolidated Outstandings	22.9	+2.9%	+3.9%	+1.4%	+1.8%	22.5	+3.2%	+3.9%

- Reminder: restatement of 2021 outstandings related to the integration of an activity



## CPBS – Specialised Businesses – 4Q22

### New Digital Businesses and Personal Investors

€m	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
<b>New Digital Businesses &amp; Personal Investors<sup>1</sup></b>								
Revenues	228	184	+23.6%	197	+15.7%	846	744	+13.7%
Operating Expenses and Dep.	-158	-143	+10.6%	-149	+6.1%	-578	-513	+12.8%
Gross Operating Income	70	41	+68.7%	48	+45.7%	268	231	+15.9%
Cost of Risk	-42	-1	n.s.	-23	+83.4%	-100	-5	n.s.
Operating Income	28	40	-31.1%	25	+11.1%	168	226	-25.8%
Share of Earnings of Equity-Method Entities	-2	-3	-6.3%	-2	+1.6%	-10	-11	-13.7%
Other Non Operating Items	0	9	-98.8%	0	-11.0%	1	9	-90.9%
Pre-Tax Income	25	47	-45.6%	23	+11.9%	159	224	-29.1%
Income Attributable to Wealth and Asset Management	-1	-1	+37.8%	0	n.s.	-2	-2	+0.1%
Pre-Tax Income of New Digital Businesses & Personal Investors	25	46	-46.6%	22	+9.9%	157	222	-29.4%
Cost/Income	69.4%	77.6%	-8.2 pt	75.7%	-6.3 pt	68.3%	68.9%	-0.6 pt
Allocated Equity (€bn, year to date; including 2/3 of Private Banking in Germany)						0.5	0.4	+40.8%

1. Including 100% of Private Banking in Germany for the Revenues to Pre-tax income line items

- **Revenues<sup>1</sup>: +23.6% vs. 4Q21**
  - Strong expansion at Nickel and consolidation of 50% Floa's contribution (reminder: consolidation effective since 01.02.22)
  - Decrease in Personal Investors revenues in an unfavourable market context
- **Operating expenses<sup>1</sup>: +10.6% vs. 4Q21**, increase driven by development and start-up costs in New Digital Businesses, positive jaws effect (+13.0 pts)
- **Pre-tax income<sup>2</sup>: -46.6% vs. 4Q21**, impact of the Floa consolidation on cost of risk

1. Including 100% of Private Banking in Germany; 2. Including 2/3 of Private Banking in Germany



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 82

## CPBS – Specialised Businesses

### New Digital Businesses and Personal Investors

#### ● Nickel

- ~3 million accounts opened<sup>1</sup> as of the end of December 2022 (+24.5% vs. 31.12.21)

#### ● Floa

- Consolidation of 50% of Floa's contribution effective 01.02.22
- **4 millions customers as of the end of December 2022** (+10.4% vs. 31.12.21)

#### ● Personal Investors

Average outstandings (€bn)	4Q22	%Var/4Q21	%Var/3Q22	2022	%Var/2021
LOANS	0.6	-9.2%	-4.9%	0.6	-0.2%
DEPOSITS	30.4	+1.7%	-0.8%	30.5	+9.2%

€bn	31.12.22	%Var/ 31.12.21	%Var/ 30.09.22
ASSETS UNDER MANAGEMENT	149.6	-8.4%	-0.2%
European Customer Orders (millions)	9.2	-21.8%	-9.2%

1. Since inception, total for all countries



BNP PARIBAS

The bank for a changing world

2022 Full Year Results | 83

## Investment & Protection Services – 4Q22

€m	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
<b>Investment &amp; Protection Services</b>								
Revenues	1,665	1,639	+1.6%	1,632	+2.0%	6,670	6,476	+3.0%
Operating Expenses and Dep.	-1,157	-1,164	-0.6%	-1,087	+6.5%	-4,363	-4,218	+3.5%
Gross Operating Income	508	475	+6.8%	545	-6.8%	2,307	2,258	+2.2%
Cost of Risk	14	7	+99.0%	2	n.s.	3	-7	n.s.
Operating Income	522	482	+8.2%	547	-4.6%	2,309	2,251	+2.6%
Share of Earnings of Equity-Method Entities	63	57	+9.5%	42	+49.7%	223	157	+41.7%
Other Non Operating Items	-3	-3	+15.4%	39	n.s.	88	92	-4.1%
Pre-Tax Income	582	537	+8.3%	627	-7.3%	2,620	2,499	+4.8%
Cost/Income	69.5%	71.0%	-1.5 pt	66.6%	+2.9 pt	65.4%	65.1%	+0.3 pt
Allocated Equity (€bn, year to date)						10.0	12.0	-16.8%

### ● Revenues: +1.6% vs. 4Q21

- Strong increase in Wealth Management revenues
- Decrease in Insurance revenues driven by a lower financial result, despite overall increases in Savings and Protection
- Very unfavourable impact of the market environment on Asset Management revenues
- Slowdown in the real-estate market impacting Real-Estate Advisory and Property Development activities
- Very strong increase in Principal Investments revenues

### ● Operating expenses: -0.6% vs. 4Q21

- Impact of cost control measures
- Very positive jaws effect (+2.1pts)

### ● Pre-tax income: +8.3% vs. 4Q21

- Increase in contribution by associates



## IPS – Insurance – 4Q22

€m	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
<b>Insurance</b>								
<b>Revenues</b>	<b>608</b>	<b>655</b>	<b>-7.2%</b>	<b>658</b>	<b>-7.6%</b>	<b>2,774</b>	<b>2,827</b>	<b>-1.9%</b>
Operating Expenses and Dep.	-387	-410	-5.7%	-391	-1.1%	-1,558	-1,536	+1.4%
<b>Gross Operating Income</b>	<b>221</b>	<b>245</b>	<b>-9.7%</b>	<b>267</b>	<b>-17.1%</b>	<b>1,216</b>	<b>1,291</b>	<b>-5.8%</b>
Cost of Risk	0	-1	-21.4%	0	+84.3%	-2	-1	+40.3%
<b>Operating Income</b>	<b>221</b>	<b>244</b>	<b>-9.7%</b>	<b>266</b>	<b>-17.2%</b>	<b>1,214</b>	<b>1,289</b>	<b>-5.8%</b>
Share of Earnings of Equity-Method Entities	34	30	+14.3%	31	+8.2%	149	86	+74.0%
Other Non Operating Items	-1	-2	-46.9%	-1	-13.9%	12	-6	n.s.
<b>Pre-Tax Income</b>	<b>253</b>	<b>272</b>	<b>-6.8%</b>	<b>296</b>	<b>-14.5%</b>	<b>1,376</b>	<b>1,368</b>	<b>+0.5%</b>
<b>Cost/Income</b>	<b>63.6%</b>	<b>62.6%</b>	<b>+1.0 pt</b>	<b>59.5%</b>	<b>+4.1 pt</b>	<b>56.2%</b>	<b>54.3%</b>	<b>+1.9 pt</b>
Allocated Equity (€bn, year to date)						7.1	9.4	-24.9%

- **Technical reserves: -4.0% vs. 4Q21**
- **Revenues: - 7.2% vs. 4Q21**
  - Increase in Savings and Protection revenues
  - Decrease in financial result
- **Operating expenses: -5.7% vs. 4Q21**
  - Impact of optimisation of operating expenses
- **Pre-tax income: -6.8% vs. 4Q21**

### The new IFRS17 standard “Insurance contracts” replaces IFRS4 “Insurance contracts”

- Effective date: 01.01.23
- Finalised impacts and quarterly restatement: from the 1Q23 release on 03.05.23
- Operating expenses deemed “attributable to insurance business” will be deducted from revenues and no longer booked in operating expenses from 01.01.23
  - No impact on GOI
  - Decrease in Group’s operating expenses, along with an equivalent decrease in revenues
  - Improvement in Group’s C/I: ~1.2 pt<sup>1</sup>
  - Accounting entries relating solely to Insurance and Corporate Center with no impact on their GOI<sup>2</sup>; no impact on other businesses

1. Positive effect not taken into account in the jaws effect target provided slide 5; 2. Decrease in operating expenses with an equivalent decrease in revenues



## IPS – Wealth & Asset Management – 4Q22

€m	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
<b>Wealth and Asset Management</b>								
<b>Revenues</b>	<b>1,057</b>	<b>984</b>	<b>+7.4%</b>	<b>974</b>	<b>+8.5%</b>	<b>3,896</b>	<b>3,649</b>	<b>+6.8%</b>
Operating Expenses and Dep.	-771	-754	+2.2%	-696	+10.7%	-2,806	-2,682	+4.6%
<b>Gross Operating Income</b>	<b>287</b>	<b>230</b>	<b>+24.5%</b>	<b>278</b>	<b>+3.1%</b>	<b>1,091</b>	<b>967</b>	<b>+12.8%</b>
Cost of Risk	14	8	+89.2%	2	n.s.	5	-6	n.s.
<b>Operating Income</b>	<b>301</b>	<b>238</b>	<b>+26.5%</b>	<b>280</b>	<b>+7.4%</b>	<b>1,095</b>	<b>962</b>	<b>+13.9%</b>
Share of Earnings of Equity-Method Entities	29	28	+4.4%	11	n.s.	74	72	+3.0%
Other Non Operating Items	-2	0	n.s.	40	n.s.	75	98	-23.0%
<b>Pre-Tax Income</b>	<b>328</b>	<b>265</b>	<b>+23.7%</b>	<b>331</b>	<b>-0.8%</b>	<b>1,244</b>	<b>1,131</b>	<b>+10.0%</b>
<b>Cost/Income</b>	<b>72.9%</b>	<b>76.6%</b>	<b>-3.7 pt</b>	<b>71.4%</b>	<b>+1.5 pt</b>	<b>72.0%</b>	<b>73.5%</b>	<b>-1.5 pt</b>
Allocated Equity (€bn, year to date)						2.9	2.6	+12.5%

### ● Revenues: +7.4% vs. 4Q21

- Very good performance by Wealth Management, driven by strong growth in interest income
- Impact of the unfavourable market environment on Asset Management revenues
- Very strong growth at Principal Investments
- Lower performance in Real Estate and Advisory in particular

### ● Operating expenses: +2.2% vs. 4Q21

- Very positive jaws effect (+5.2 pts)
- Decrease in Asset Management costs

### ● Pre-tax income: +23.7% vs. 4Q21



## IPS – Insurance and WAM<sup>1</sup>

### Activity

€bn	31.12.22	31.12.21	%Var/ 31.12.21	30.09.22	%Var/ 30.09.22
<b>Assets under management (€bn)</b>	<b>1,189.2</b>	<b>1,276.7</b>	<b>-6.9%</b>	<b>1,175.5</b>	<b>+1.2%</b>
Insurance	246.6	282.2	-12.6%	248.4	-0.7%
Wealth Management	410.8	426.7	-3.7%	407.7	+0.8%
AM+RE+PI	531.8	567.9	-6.3%	519.3	+2.4%
Asset Management	501.2	537.3	-6.7%	487.8	+2.7%
Real Estate Services	29.7	29.6	+0.2%	30.6	-3.1%
Principal Investment	1.0	0.9	+3.0%	0.9	+2.5%

	4Q22	4Q21	%Var/ 4Q21	3Q22	%Var/ 3Q22
<b>Net asset flows (€bn)</b>	<b>17.5</b>	<b>28.9</b>	<b>-39.6%</b>	<b>5.4</b>	<b>n.s.</b>
Insurance	-1.6	2.5	n.s.	-0.2	n.s.
Wealth Management	3.4	2.6	+34.1%	4.2	-18.7%
AM+RE+PI	15.7	23.8	-34.3%	1.4	n.s.
Asset Management	15.1	23.0	-34.0%	0.8	n.s.
Real Estate Services	0.5	0.6	-6.7%	0.6	-10.9%
Principal Investment	0.0	0.3	n.s.	0.0	n.s.

● **Assets under management: +€13.7bn vs. 30.09.22, including**

- **Market effect:** +€18.5bn, favourable impact from the financial markets rebound
- **Net asset inflows:** +€17.5bn, very good net asset inflows at Wealth Management and Asset Management
- **Forex effect:** -€20.3bn, with the strengthening in the euro
- **-€87.5bn vs. 31.12.21**

1. Wealth Management, Asset Management, Real Estate and Principal Investments



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 87

## 4Q22 – Corporate Centre

€m	4Q22	4Q21	4Q22 / 4Q21	3Q22	4Q22 / 3Q22	2022	2021	2022 / 2021
<b>Corporate Center</b>								
<b>Revenues</b>	<b>-249</b>	<b>-5</b>	<b>n.s.</b>	<b>-46</b>	<b>n.s.</b>	<b>-279</b>	<b>308</b>	<b>n.s.</b>
Operating Expenses and Dep.	-190	-264	-28.3%	-199	-4.5%	-1,067	-903	+18.2%
<i>Incl. Restructuring, IT Reinforcement and Adaptation Costs</i>	-188	-82	n.s.	-129	+45.8%	-503	-292	+72.1%
<b>Gross Operating Income</b>	<b>-438</b>	<b>-269</b>	<b>+62.7%</b>	<b>-245</b>	<b>+79.1%</b>	<b>-1,346</b>	<b>-595</b>	<b>n.s.</b>
Cost of Risk	59	0	n.s.	-128	n.s.	-185	-159	+16.4%
<b>Operating Income</b>	<b>-379</b>	<b>-269</b>	<b>+40.9%</b>	<b>-372</b>	<b>+1.8%</b>	<b>-1,531</b>	<b>-754</b>	<b>n.s.</b>
Share of Earnings of Equity-Method Entities	-38	4	n.s.	19	n.s.	23	16	+41.1%
Other Non Operating Items	51	247	-79.5%	-1	n.s.	-59	775	n.s.
<b>Pre-Tax Income</b>	<b>-366</b>	<b>-18</b>	<b>n.s.</b>	<b>-354</b>	<b>+3.5%</b>	<b>-1,567</b>	<b>38</b>	<b>n.s.</b>
Allocated Equity (€bn, year to date)						3.7	4.3	-13.8%

### ● Reminder: scope excluding Principal Investments, which has been integrated into IPS

#### ● Revenues

- Revaluation of proprietary credit risk included in derivatives (DVA): -€16m
- 4Q21 reminder: high level of positive non-recurring items, in particular, impact of a positive non-recurring item: +€91m

#### ● Operating expenses

- Restructuration and adaptation costs: -€103m (-€61m in 4Q21)
- IT reinforcement costs: -€85m (-€21m in 4Q21)

#### ● Other non-operating items

##### Reminder 4Q21:

- Capital gains on sales of buildings: +€184m
- Net write-back in impairments: +€75m





## 2022 – Corporate Centre

### ● Reminder: scope excluding Principal Investments, which has been integrated into IPS

### ● Revenues

- Revaluation of proprietary credit risk included in derivatives (DVA) (+€185m) offset by a negative non-recurring item in 1Q22
- 2021 reminder: high level of positive non-recurring items, in particular:
  - +€58m capital gain on the sale of 4.99% of SBI Life: +58m
  - Cumulative accounting impact of a swap set up for the transfer of an activity in 2020: +€86m
  - Impact of a positive non-recurring item in 4Q21: +€91m

### ● Operating expenses

- Increase in taxes subject to IFRIC 21<sup>1</sup>
- Restructuring and adaptation costs: -€188m (-€164m in 2021)
- IT reinforcement costs: -€314m (-€128m in 2021)

### ● Cost of risk

- Impact of the “Act on Assistance to Borrowers” in Poland in 3Q22 (-€204m)

### ● Other non-operating items

- Badwill (bpost bank): +€244m
- Capital gain on the sale of a stake: +€204m
- Impairment (Ukrsibbank): -€159m
- Reclassification to profit-and-loss of exchange differences (Ukrsibbank)<sup>2</sup>: -€274m
- 2021 reminder:
  - Capital gain on the sale of Allfunds shares<sup>3</sup>: +€444m
  - Capital gain on the sale of buildings (exceptional item): +€486m
  - Total impairments: -€74m

1. Booking in 1Q of almost the entire amount of taxes and contributions for the year, based on the application of IFRIC 21 “Taxes”, including the estimated contribution to the Single Resolution Fund;

2. Previously booked under consolidated equity; 3. Disposal of 8.69% of Allfunds shares





**BNP PARIBAS**

GROUP RESULTS

DIVISION RESULTS

CONCLUSION

4Q22 DETAILED RESULTS

**APPENDICES**

# Number of Shares and Earnings per Share

## ● Number of Shares

<i>in millions</i>	31-Dec-22	31-Dec-21
Number of Shares (end of period)	1,234	1,234
Number of Shares excluding Treasury Shares (end of period)	1,233	1,234
Average number of Shares outstanding excluding Treasury Shares	1,233	1,247

Reminder: cancellation of 15,466,915 shares acquired under BNP Paribas' share buyback, which was executed between 1 November 2021 and 6 December 2021

## ● Earnings per Share

<i>in millions</i>	31-Dec-22	31-Dec-21
<b>Average number of Shares outstanding excluding Treasury Shares</b>	<b>1,233</b>	<b>1,247</b>
Net income attributable to equity holders	10,196	9,488
Remuneration net of tax of Undated Super Subordinated Notes	-452	-418
Exchange rate effect on reimbursed Undated Super Subordinated Notes	-123	-18
<b>Net income attributable to equity holders, after remuneration and exchange rate effect on Undated Super Subordinated Notes</b>	<b>9,621</b>	<b>9,052</b>
<b>Net Earnings per Share (EPS) in euros</b>	<b>7.80</b>	<b>7.26</b>



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 91

# Capital Ratios and Book Value Per Share

## Capital Ratios

	31-Dec-22	31-Dec-21
<b>Total Capital Ratio (a)</b>	16.2%	16.4%
<b>Tier 1 Ratio (a)</b>	13.9%	14.0%
<b>Common equity Tier 1 ratio (a)</b>	12.3%	12.9%

(a) CRD4, on risk-weighted assets of €745bn as at 31.12.22 and €714bn as at 31.12.21; refer to slide 95

## Book value per Share

*in millions of euros*

	31-Dec-22	31-Dec-21	
<b>Shareholders' Equity Group share</b>	<b>121,792</b>	<b>117,886</b>	(1)
of which changes in assets and liabilities recognised directly in equity (valuation reserve)	-3,553	222	
of which Undated Super Subordinated Notes	11,800	9,207	(2)
of which remuneration net of tax payable to holders of Undated Super Subordinated Notes	183	106	(3)
<b>Net Book Value (a)</b>	<b>109,809</b>	<b>108,573</b>	(1)-(2)-(3)
Goodwill and intangibles	11,991	11,549	
<b>Tangible Net Book Value (a)</b>	<b>97,818</b>	<b>97,024</b>	
<b>Number of Shares excluding Treasury Shares (end of period) in millions</b>	<b>1,233</b>	<b>1,234</b>	
<b>Book Value per Share (euros)</b>	<b>89.0</b>	<b>88.0</b>	
<i>of which book value per share excluding valuation reserve (euros)</i>	<i>91.9</i>	<i>87.8</i>	
<b>Net Tangible Book Value per Share (euros)</b>	<b>79.3</b>	<b>78.7</b>	

(a) Excluding Undated Super Subordinated Notes and remuneration net of tax payable to holders of Undated Super Subordinated Notes



# Return on Equity and Permanent Shareholders' Equity

## ● Calculation of Return on Equity

<i>in millions of euros</i>	31-Dec-22	31-Dec-21
<b>Net income Group share</b>	<b>10,196</b>	<b>9,488</b>
Remuneration net of tax of Undated Super Subordinated Notes and exchange effect	-575	-436
<b>Net income Group share used for the calculation of ROE/ROTE</b>	<b>9,621</b>	<b>9,052</b>
<b>Average permanent shareholders' equity, not revaluated, used for the ROE calculation (a)</b>	<b>105,707</b>	<b>101,882</b>
<b>Return on Equity (ROE)</b>	<b>9.1%</b>	<b>8.9%</b>
<b>Average tangible permanent shareholders' equity, not revaluated, used for the ROTE calculation (b)</b>	<b>93,937</b>	<b>90,412</b>
<b>Return on Tangible Equity (ROTE)</b>	<b>10.2%</b>	<b>10.0%</b>

(a) Average Permanent shareholders' equity: average of beginning of the year and end of the period (Permanent Shareholders' equity = Shareholders' equity attributable to shareholders – changes in assets and liabilities recognised directly in equity - Undated Super Subordinated Notes - remuneration net of tax payable to holders of Undated Super Subordinated Notes - dividend distribution assumption); (b) Average Tangible permanent shareholders' equity: average of beginning of the year and end of the period (Tangible permanent shareholders' equity = permanent shareholders' equity - intangible assets - goodwill)

## ● Permanent Shareholders' Equity Group share, not revaluated, used for the calculation of ROE / ROTE

<i>in millions of euros</i>	31-Dec-22	31-Dec-21	
<b>Net Book Value</b>	<b>109,809</b>	<b>108,573</b>	(1)
of which changes in assets and liabilities recognised directly in equity (valuation reserve)	-3,553	222	(2)
of which 2021 dividend distribution project		4,527	(3)
of which assumption of distribution of 2022 net income	5,773		(4)
<b>Permanent shareholders' equity, not revaluated, used for the calculation of ROE (a)</b>	<b>107,589</b>	<b>103,824</b>	(1)-(2)-(3)-(4)
Goodwill and intangibles	11,991	11,549	
<b>Tangible permanent shareholders' equity, not revaluated, used for the calculation of ROTE (a)</b>	<b>95,598</b>	<b>92,275</b>	
<b>Average permanent shareholders' equity, not revaluated, used for the ROE calculation (b)</b>	<b>105,707</b>	<b>101,882</b>	
<b>Average tangible permanent shareholders' equity, not revaluated, used for the ROTE calculation (c)</b>	<b>93,937</b>	<b>90,412</b>	

(a) Excluding Undated Super Subordinated Notes, remuneration net of tax payable to holders of Undated Super Subordinated Notes, and including the assumptions of distribution of net income; (b) Average Permanent shareholders' equity: average of beginning of the year and end of the period (Permanent Shareholders' equity = Shareholders' equity attributable to shareholders - changes in assets and liabilities recognised directly in equity - Undated Super Subordinated Notes - remuneration net of tax payable to holders of Undated Super Subordinated Notes - dividend distribution assumption); (c) Average Tangible permanent shareholders' equity: average of beginning of the year and end of the period (Tangible permanent shareholders' equity = permanent shareholders' equity - intangible assets - goodwill)



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 93

# A Solid Financial Structure

## ● Doubtful loans/gross outstandings

	31-Dec-22	31-Dec-21
<b>Doubtful loans (a) / Loans (b)</b>	1.7%	2.0%

(a) Impaired loans (stage 3) to customers and credit institutions, not netted of guarantees, including on-balance sheet and off-balance sheet and debt securities measured at amortized costs or at fair value through shareholders' equity; (b) Gross loans outstanding to customers and credit institutions, on-balance sheet and off-balance sheet and including debt securities measured at amortized costs or at fair value through shareholders' equity (excluding insurance)

## ● Coverage ratio

€bn	31-Dec-22	31-Dec-21
<b>Allowance for loan losses (a)</b>	14.0	16.1
<b>Doubtful loans (b)</b>	19.3	21.8
<b>Stage 3 coverage ratio</b>	72.5%	73.6%

(a) Stage 3 provisions; (b) Impaired loans (stage 3) to customers and credit institutions, on-balance sheet and off-balance sheet, netted of guarantees received, including debt securities measured at amortized costs or at fair value through shareholders' equity (excluding insurance)



## Common Equity Tier 1 ratio

### ● — Basel 3 Common Equity Tier 1 ratio<sup>1</sup> (Accounting capital to prudential capital reconciliation)

€bn	31-Dec-22	30-Sep-22	31-Dec-21
<b>Consolidated Equity</b>	<b>126.6</b>	<b>125.4</b>	<b>122.5</b>
Undated super subordinated notes	-11.8	-10.8	-9.2
2021 net income distribution project	0.0	0.0	-4.5
2022 net income distribution project <sup>2</sup>	-5.8	-4.3	
Regulatory adjustments on equity <sup>3</sup>	-1.2	-1.2	-1.8
Regulatory adjustments on minority interests	-3.0	-2.9	-3.0
Goodwill and intangible assets	-10.6	-10.9	-10.1
Deferred tax assets related to tax loss carry forwards	-0.2	-0.2	-0.3
Other regulatory adjustments	-1.1	-1.2	-1.6
Deduction of irrevocable payments commitments	-1.1	-1.1	0.0
<b>Common Equity Tier One capital</b>	<b>91.8</b>	<b>92.8</b>	<b>92.0</b>
<b>Risk-weighted assets</b>	<b>745</b>	<b>766</b>	<b>714</b>
<b>Common Equity Tier 1 Ratio</b>	<b>12.3%</b>	<b>12.1%</b>	<b>12.9%</b>

1. CRD4; 2. Subject to the approval of the General Meeting of 16 May 2023 and ECB authorisation; 3. Including Prudent Valuation Adjustment and IFRS 9 transitional provisions



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 95

## Medium/Long Term Funding

### Continued presence in debt markets

#### 2022 MLT regulatory issuance plan completed: €18.9bn issued<sup>1</sup>, of which:

- **Capital instruments : €6.3bn<sup>2</sup>:**
  - **AT1: €4bn**
    - \$1.25bn, PerpNC5<sup>3</sup>, at 4.625% (sa, 30/360), equiv. US 5Y Treasuries+320 bps
    - \$2bn, PerpNC7<sup>4</sup>, at 7.75% (sa, 30/360), equiv. 5Y US Treasuries+490 bps
    - €1bn, PerpNC7.25<sup>5</sup>, at 6.875% (sa, Act/Act); equiv. mid-swap€+464 bps
  - **Tier 2: €2.3bn**
    - SGD350m, 10NC5<sup>6</sup>, at 3.125% (sa, Act/365); equiv. 5Y mid-swap SORA-OIS+140 bps (mid-swap€+123bps reoffer)
    - €1.5bn, 10NC5<sup>6</sup>, at 2.5% (a, Act/Act); equiv. mid-swap€+160 bps
    - SGD300m, 10NC5<sup>6</sup>, at 5.25% (sa, Act/365); equiv. 5Y mid-swap SORA-OIS+268 bps (mid-swap€+247 bps reoffer)
- **Non Preferred Senior (NPS): €12.6bn**  
No additional public issuances in Q4 2022

#### 2023 MLT regulatory issuance plan<sup>7</sup> €18.5bn in which:

- **Capital instruments: €3.5bn<sup>7</sup>; AT1 €2.25bn already issued<sup>1</sup>**
    - \$1bn (dealt in 2022, as pre-funding for the 2023 plan), PerpNC5<sup>3</sup>, at 9.25% (sa, 30/360); equiv. 5Y US Treasuries+497 bps
    - €1.25bn, PerpNC7.4<sup>8</sup>, at 7.375% (sa, Act/Act); equiv. mid-swap€+463 bps
  - **Senior Debt: €15bn<sup>7</sup>**
    - **Non-Preferred: €2.1bn already issued<sup>1</sup>**
      - £850m, 9.4Y bullet, UK Gilt+215 bps
      - €1bn, 6NC5<sup>9</sup>, « Green », mid-swap€+145 bps
    - **Preferred: €3.3bn already issued<sup>1</sup>**
      - €1.25bn, 8NC7<sup>10</sup>, mid-swap€+92 bps
      - CHF335m, 5Y bullet, CHF mid-swap+75 bps
      - \$1.75bn, 6NC5<sup>9</sup>, US Treasuries+145 bps
- **Secured Debt:**
    - **Covered bonds: €3.5bn<sup>7</sup>; €1bn already issued<sup>1</sup>**
      - €1bn, 7Y bullet mid-swap€+22 bps
    - **Securitization: €3.1bn<sup>7</sup>**



~41% of the regulatory issuance plan realised as of January 26<sup>th</sup> 2023

1. € valuation based on historical FX rates for cross-currency swapped issuances and on December 31<sup>st</sup> 2022 for others; 2. Excluding \$1.00bn AT1 PerpNC5 issued in November 2022 as pre-funding for the 2023 plan; 3. Perpetual, callable on year 5, and every 5 year thereafter; 4. Perpetual, callable on year 7, and every 5 year thereafter; 5. Perpetual, callable on year 7.25, and every 5 year thereafter; 6. 10-year maturity callable on year 5 only; 7. Subject to market conditions, indicative amounts; 8. Perpetual, callable on year 7.40, and every 5 year thereafter; 9. 6-year maturity callable on year 5 only; 10. 8-year maturity callable on year 7 only.



BNP PARIBAS

The bank for a changing world

2022 Full Year Results | 96

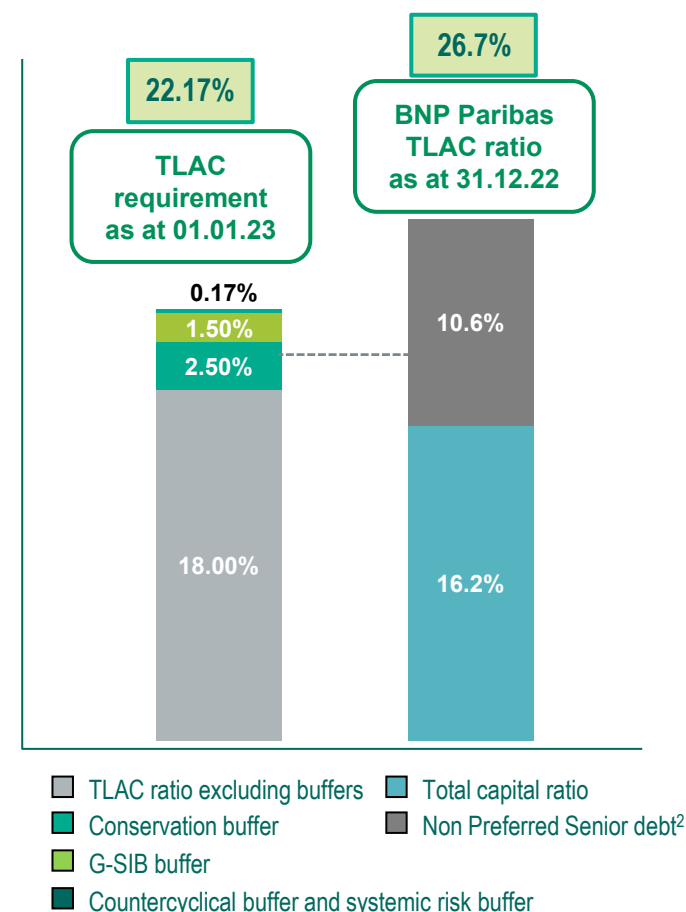


TLAC ratio: ~460bps above the requirement without calling on the Preferred Senior debt allowance as at 1<sup>st</sup> January 2023

- **TLAC requirement as at 01.01.23: 22.17% of RWA**
  - Including capital conservation buffer, G-SIB buffer, countercyclical capital buffer (10 bps) and systemic risk buffer (8 bps)
- **TLAC requirement as at 01.01.23: 6.75% of leverage ratio exposure**

● **BNP Paribas TLAC ratio as at 31.12.22<sup>1</sup>**

- ✓ **26.7% of RWA:**
  - ✓ 16.2% of total capital as at 31.12.22
  - ✓ 10.6% of Non Preferred Senior debt<sup>2</sup>
  - ✓ Without calling on the Preferred Senior debt allowance
- ✓ **8.4% of leverage ratio exposure**



1. In accordance with Regulation (EU) No.575/2013 as amended by Regulation (EU) No. 2019/876, Article 72b paragraphs 3 and 4, some Preferred Senior debt instruments (amounting to 7,095 million euros as at 31 December 2022) are eligible within the limit of 3.5% of risk-weighted assets; BNP Paribas did not use this option as at 31 December 2022;

2. Principal amount outstanding and other regulatory adjustments, including amortised portion of Tier 2 instruments with residual maturity over 1 year



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 97

## Distance to MDA restrictions as of 1 January 2023

### Capital requirements as at 01.01.23<sup>1</sup>:

- CET1: 9.56%
- Tier 1: 11.35%
- Total Capital: 13.74%

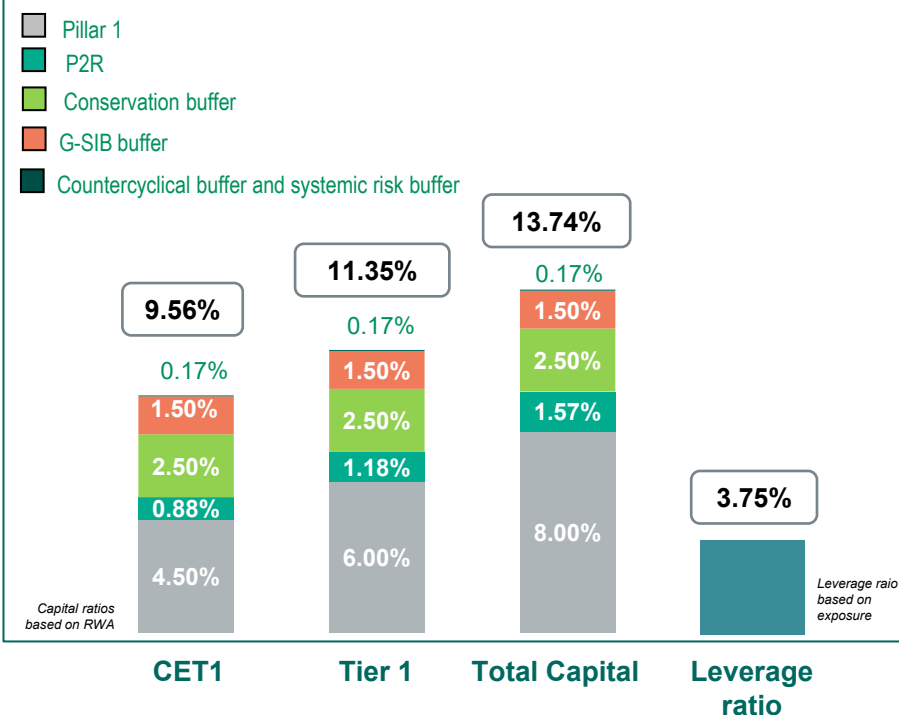
### Leverage requirement as at 01.01.23: 3.75%

### MREL requirement as at 01.01.23

- Distance to M-MDA restriction: in force since 01.01.22 but not constraining, as higher than the distance to MDA restrictions

### Distance as at 01.01.23 to Maximum Distributable Amount restrictions<sup>2</sup>, equal to the lowest of the calculated amounts: €14.4bn

### Capital and leverage requirements as at 01.01.23<sup>1</sup>



BNP Paribas Capital ratios as at 31.12.22	CET1	Tier 1	Total Capital	Leverage ratio
	12.3%	13.9%	16.2%	4.4%
Distance as of 1 January 2023 to Maximum Distributable Amount restrictions <sup>2</sup>	€20.6bn <sup>3</sup>	€18.9bn <sup>3</sup>	€18.2 bn <sup>3</sup>	€14.4bn <sup>4</sup>

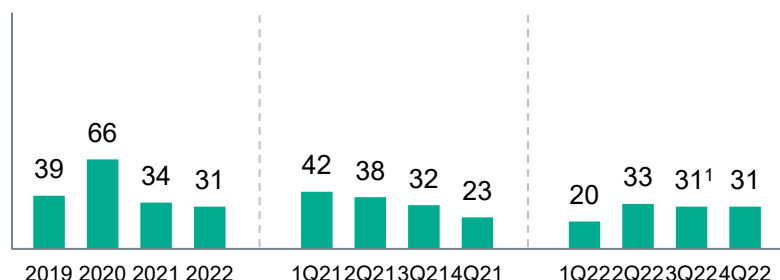
1. Including a countercyclical capital buffer of 10 bps and a systemic risk buffer of 8 bps;  
2. As defined by the Article 141 of CRD4; 3. Calculated on 745bn€ RWA as at 31.12.22; 4. Calculated on 2,374bn€ exposures as at 31.12.22



## Cost of risk (1/3)

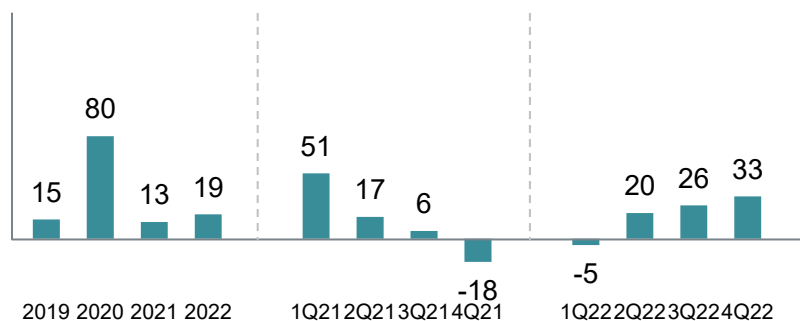
Cost of risk / Customer loans outstanding at the beginning of the period (in annualised bps)

### Group



- Cost of risk: €773m (-€173m vs. 3Q22; +€263m vs. 4Q21)
- Cost of risk at a low level
- Decrease of cost of risk on non-performing loans (stage 3)
- Release of provisions on performing loans (stages 1 & 2) related to change in method (-€251m)<sup>2</sup>
- 4Q21 reminder: releases of provisions on performing loans (stages 1 & 2)

### CIB - Global Banking



- Cost of risk: €155m (+€39m vs. 3Q22; +€227m vs. 4Q21)
- Cost of risk at a low level
- Decrease in provisions on non-performing loans (stage 3) offset by provisions on performing loans (stages 1 & 2)
- 4Q21 reminder: releases of provisions on performing loans (stages 1 & 2)

1. Excluding the exceptional impact of the "Act on assistance to borrowers" in Poland; 39 bps including this impact; 2. to align with specific European standards



**BNP PARIBAS**

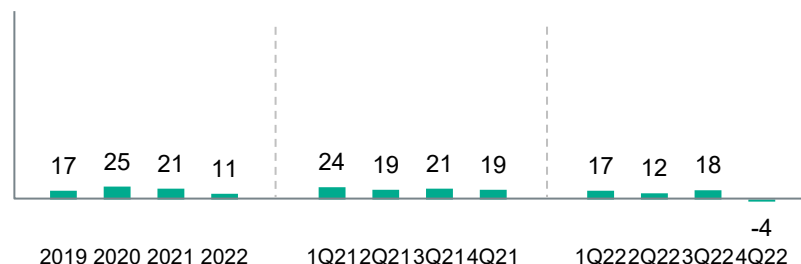
The bank for a changing world

2022 Full Year Results | 99

## Cost of risk (2/3)

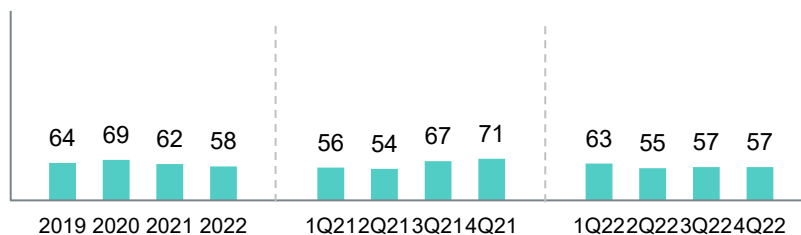
Cost of risk vs. Customer loans outstanding at the beginning of the period (in annualised bps)

### CPBF<sup>1</sup>



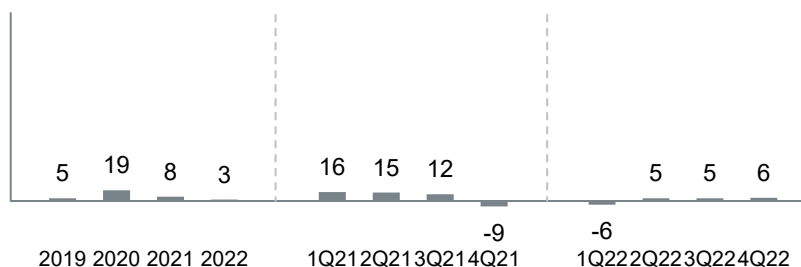
- Cost of risk: -€21m (-€123m vs. 3Q22; -€121m vs. 4Q21)
- Cost of risk at a very low level
- Strong release of provisions (stages 1 & 2) related to a change in method (-€163m)<sup>2</sup>

### BNL bc<sup>1</sup>



- Cost of risk: €114m (stable vs. 3Q22; -€28m vs. 4Q21)
- Low cost of risk with a decrease in provisions on non-performing loans (stage 3)
- 2021 reminder: moderate releases of provisions (stages 1 & 2)

### CPBB<sup>1</sup>



- Cost of risk: €20m (+€4m vs. 3Q22; +€48m vs. 4Q21)
- Cost of risk at a very low level

1. Including 100% of Private Banking; 2. to align with specific European standards



**BNP PARIBAS**

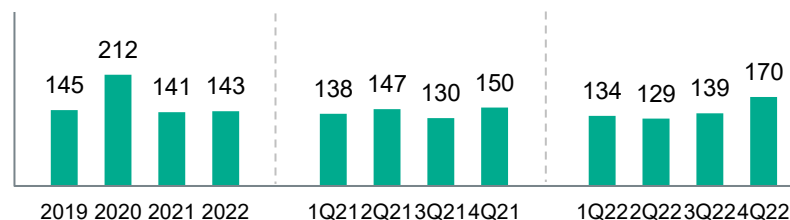
The bank for a changing world

2022 Full Year Results | 100

## Cost of risk (3/3)

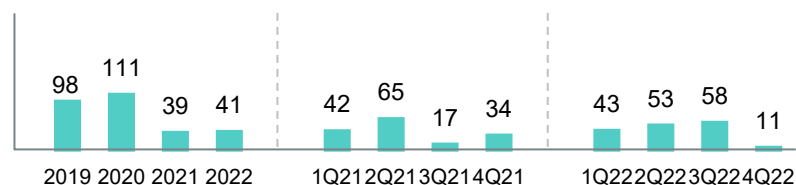
Cost of risk / Customer loans outstanding at the beginning of the period (in annualised bps)

### Personal Finance



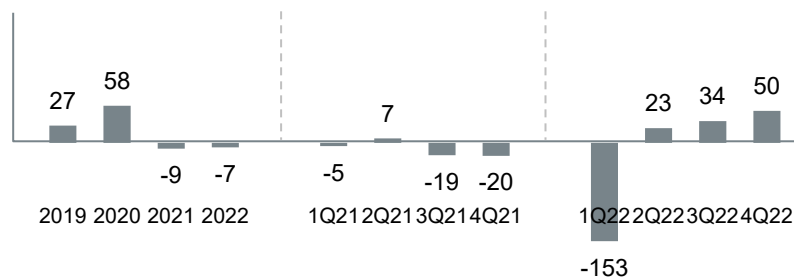
- Cost of risk: €413m (+€77m vs. 3Q22; +€67m vs. 4Q21)
- Lower provisions on non-performing loans (stage 3)
- Provisions on performing loans (stages 1 & 2)

### Europe-Mediterranean<sup>1</sup>



- Cost of risk: €10m (-€45m vs. 3Q22; -€22m vs. 4Q21)
- Cost of risk very low due to a moderate release of provisions on performing loans (stages 1 & 2)

### BancWest<sup>1</sup>



- Cost of risk: €76m (+€27m vs. 3Q22; +€100m vs. 4Q21)
- Provisions on performing loans (stages 1 & 2)
- 4Q21 reminder: release of provisions<sup>2</sup> related to the public health crisis

1. Including 100% of Private Banking; 2. Stages 1 & 2



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 101

## Risk-Weighted Assets

### ● Basel 3 Risk-Weighted Assets<sup>1</sup>: €745bn as at 31.12.22 (€714bn as at 31.12.21)

The +€31bn change is mainly explained by:

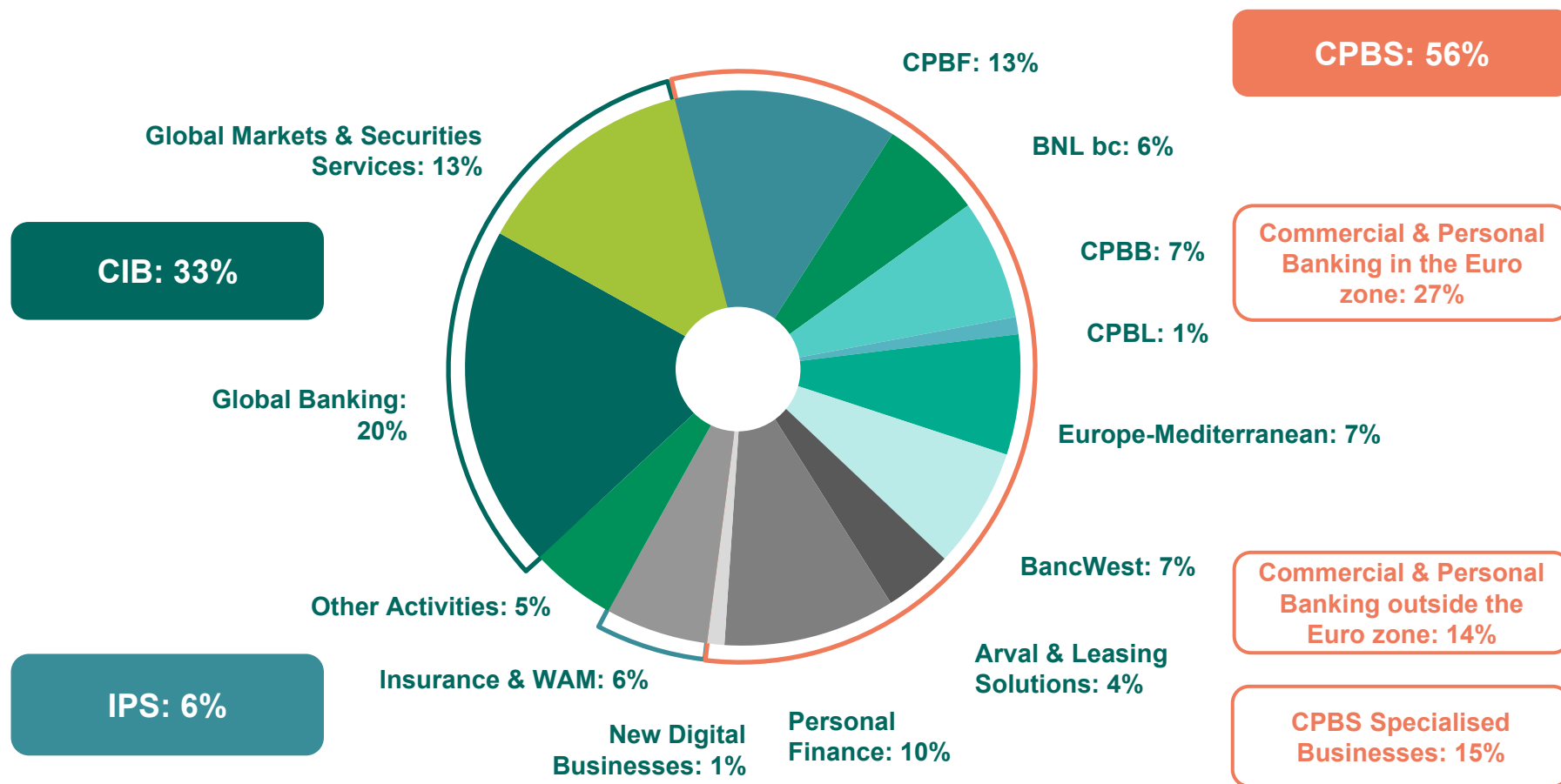
- +€26bn increase in credit risk
- +€2bn increase in counterparty risk
- +€2bn increase in securitisation positions in the banking book

<i>bn€</i>	31.12.22	30.09.22	31.12.21
Credit risk	580	591	554
Operational Risk	62	61	63
Counterparty Risk	42	52	40
Market vs. Foreign exchange Risk	26	27	25
Securitisation positions in the banking book	16	15	14
Others <sup>2</sup>	20	20	18
<b>Basel 3 RWA<sup>1</sup></b>	<b>745</b>	<b>766</b>	<b>714</b>

1. CRD4; 2. Including the DTAs and significant investments in entities in the financial sector subject to 250% weighting



## Basel 3<sup>1</sup> risk-weighted assets by business as at 31.12.22



1. CRD4



**BNP PARIBAS**

The bank for a changing world

2022 Full Year Results | 103

## AMENDMENTS TO THE RISKS SECTION

The "**RISKS**" section on pages 28 to 91 of the Base Prospectus is amended as follows:

The section under the heading "**Risk Factors**" on page 28 of the Base Prospectus is entirely deleted and replaced with the following:

"The financial information as of 31 December 2022 is extracted from the unaudited financial statements of the BNP Paribas Group as of 31 December 2022, published on 7 February 2023.

Unless otherwise indicated, the information and financial elements contained in these risk factors specifically include the activity of BancWest to reflect a prudential vision. They are, therefore, presented excluding the effects of the application of IFRS 5 on groups of assets and liabilities held for sale. This document includes a reconciliation between the operational vision presented excluding the application of IFRS 5 and the consolidated financial statements applying IFRS 5 in chapter 3. The main categories of risk inherent in the BNP Paribas Group's business are presented below. They may be measured through risk-weighted assets or other quantitative or qualitative indicators, to the extent risk-weighted assets are not relevant (for example, for liquidity and funding risk).

<i>In billions of euros</i>	<b>RWA</b>	
	<b>31 December 2022</b>	<b>31 December 2021</b>
<b>Credit risk</b>	<b>580</b>	<b>554</b>
<b>Counterparty credit risk</b>	<b>42</b>	<b>40</b>
<b>Securitisation risk in the banking book</b>	<b>16</b>	<b>14</b>
<b>Operational risk</b>	<b>62</b>	<b>63</b>
<b>Market risk</b>	<b>26</b>	<b>25</b>
<b>Amounts below the thresholds for deduction (subject to 250% risk weight)</b>	<b>20</b>	<b>18</b>
<b>TOTAL</b>	<b>745</b>	<b>714</b>

More generally, the risks to which the BNP Paribas Group is exposed may arise from a number of factors related, among others, to changes in its macroeconomic or regulatory environment or factors related to the implementation of its strategy and its business.

The material risks specific to the BNP Paribas Group's business, determined based on the circumstances known to the management as of the date of this document, are thus presented below under 7 main categories, in accordance with Article 16 of Regulation (EU) No. 2017/1129, known as "Prospectus 3" of 14 June 2017, the provisions of which relating to risk factors came into force on 21 July 2019: credit risk, counterparty risk and securitisation risk in the banking book; operational risk; market risk; liquidity and funding risk; risks related to the macroeconomic and market environment; regulatory risks; and risks related to the BNP Paribas Group's growth in its current environment.



The Group's risk management policies have been taken into account in assessing the materiality of these risks; in particular, risk-weighted assets factor in risk mitigation elements to the extent eligible in accordance with applicable banking regulations.

## **1. CREDIT RISK, COUNTERPARTY RISK AND SECURITISATION RISK IN THE BANKING BOOK**

BNP Paribas Group's credit risk is defined as the probability of a borrower or counterparty defaulting on its obligations to the BNP Paribas Group. Probability of default along with the recovery rate of the loan or debt in the event of default are essential elements in assessing credit quality. In accordance with the European Banking Authority recommendations, this category of risk also includes risks on equity investments, as well as those related to insurance activities. At 31 December 2021, the BNP Paribas Group's credit risk exposure broke down as follows: corporates 41%), central governments and central banks (27%), retail customers (25%), credit institutions (4%), other items (2%) and equities (1%). At 31 December 2021, 32% of the BNP Paribas Group's credit exposure was comprised of exposures in France, 16% in Belgium and Luxembourg, 9% in Italy, 19% in other European countries, 13% in North America, 6% in Asia and 5% in the rest of the world. The BNP Paribas Group's risk-weighted assets subject to this type of risk amounted to EUR 580 billion at 31 December 2022, or 78% of the total risk-weighted assets of the BNP Paribas Group, compared to EUR 554 billion representing 77% of the total risk-weighted assets at 31 December 2021.

BNP Paribas Group's counterparty risk arises from its credit risk in the specific context of market transactions, investments, and/or settlements. BNP Paribas Group's exposure to counterparty risk, excluding CVA (Credit Valuation Adjustment) risk at 31 December 2021, is comprised of: 44% to the corporate sector, 19% to governments and central banks, 13% to credit institutions and investment firms, and 24% to clearing houses. By product, BNP Paribas Group's exposure, excluding CVA ("*Credit Valuation Adjustment*") risk, at 31 December 2021 is comprised of: 51% in OTC derivatives, 33% in repurchase transactions and securities lending/borrowing, 10% in listed derivatives and 6% in contributions to the clearing houses' default funds. The amount of this risk varies over time, depending on fluctuations in market parameters affecting the potential future value of the covered transactions. In addition, CVA ("*Credit Valuation Adjustment*") risk measures the risk of losses related to CVA volatility resulting from fluctuations in credit spreads associated with the counterparties to which the BNP Paribas Group is subject to risk. The risk-weighted assets subject to counterparty credit risk amounted to EUR 42 billion at 31 December 2022, or 6% of the total risk-weighted assets of the BNP Paribas Group compared to EUR 40 billion representing 6% of the total risk weighted assets at 31 December 2021.

Securitisation risk in the banking book: securitisation is a transaction or arrangement by which the credit risk associated with a liability or set of liabilities is subdivided into tranches. Any commitment made by the BNP Paribas Group under a securitisation structure (including derivatives and liquidity lines) is considered to be a securitisation. The bulk of the BNP Paribas Group's commitments are in the prudential banking portfolio. Securitised exposures are essentially those generated by the BNP Paribas Group. The securitisation positions held or acquired by the BNP Paribas Group may also be categorised by its role: of the positions as at 31 December 2021, BNP Paribas was originator of 50%, was sponsor of 31% and was investor of 19%. The risk-weighted assets subject to this type of risk amounted to EUR 16 billion at 31 December 2022, or 2% of the total risk-weighted assets of the BNP Paribas Group compared to EUR 14 billion representing 2% of the total risk-weighted assets at 31 December 2021.

### **1.1 A substantial increase in new provisions or a shortfall in the level of previously recorded provisions exposed to credit risk and counterparty risk could adversely affect the BNP Paribas Group's results of operations and financial condition.**

Credit risk and counterparty risk impact the BNP Paribas Group's consolidated financial statements when a customer or counterparty is unable to honour its obligations and when the book value of these obligations in the BNP Paribas Group's records is positive. The customer or counterparty may be a bank, a financial institution, an industrial or commercial enterprise, a government or a government entity, an investment fund, or a natural person. If the default rate of customers or counterparties increases, the BNP Paribas Group may have to record increased charges or provisions in respect of irrecoverable or doubtful loans (Stage 3) or of

performing loans (Stages 1 and 2), in response to a deterioration in economic conditions or other factors, which may affect its profitability.

As a result, in connection with its lending activities, the BNP Paribas Group regularly establishes provisions, which are recorded on its income statement in the line item Cost of Risk. In 2022, these provisions amounted to EUR 2.965 billion compared to EUR 2.925 billion in 2021. This increase was due in particular to the exceptional impact of the “borrower assistance law” in Poland (see section 5.3 - *Given the global scope of its activities, the BNP Paribas Group is exposed to country risk and to changes in the political, macroeconomic or financial contexts of a region or country*), which led to the recording of EUR 204 million in provisions. Provisions recorded on performing loans (Stages 1 and 2) amounted to 463 million euro in the year-ended 31 December 2022 and related in particular to the indirect effects of the invasion of Ukraine and the rise in inflation and interest rates, partially offset by write-backs of provisions of EUR 251 million in the fourth quarter 2022 that had been recorded in relation to the health crisis and to the effects of changes in methods in order to align with European standards.

The BNP Paribas Group’s overall level of provisions is based on its assessment of prior loss experience, the volume and type of lending being conducted, industry standards, past due loans, economic conditions and other factors related to the recoverability of various loans or statistical analysis based on scenarios applicable to asset classes.

Although the BNP Paribas Group seeks to establish an appropriate level of provisions, its lending businesses may have to increase their provisions for loan losses or sound receivables substantially in the future as a result of deteriorating economic conditions or other causes. For example, provisions increased in 2020 primarily due to the early ex-ante recognition of potential losses related to the effects of the health crisis (Stages 1 and 2 provisions on performing loans in accordance with IFRS 9). Any significant increase in provisions for loan losses or a significant change in the BNP Paribas Group’s estimate of the risk of loss inherent in its portfolio of non-impaired loans, as well as the occurrence of loan losses in excess of the related provisions, could have a material adverse effect on the BNP Paribas Group’s results of operations and financial condition.

For reference, at 31 December 2022, the ratio of doubtful loans to total loans outstanding was 1.7% and the coverage ratio of these doubtful commitments (net of guarantees received) by provisions was 72.5%, against 2.0% and 73.6%, respectively, as at 31 December 2021.

While the BNP Paribas Group seeks to reduce its exposure to credit risk and counterparty risk by using risk mitigation techniques such as collateralisation, obtaining guarantees, entering into credit derivatives and entering into netting agreements, it cannot be certain that these techniques will be effective to offset losses resulting from counterparty defaults that are covered by these techniques. Moreover, the BNP Paribas Group is also exposed to the risk of default by the party providing the credit risk coverage (such as a counterparty in a derivative or a loan insurance contract) or to the risk of loss of value of any collateral. In addition, only a portion of the BNP Paribas Group’s overall credit risk and counterparty risk is covered by these techniques. Accordingly, the BNP Paribas Group has very significant exposure to these risks.

## **1.2 The soundness and conduct of other financial institutions and market participants could adversely affect the BNP Paribas Group.**

The BNP Paribas Group’s ability to engage in financing, investment and derivative transactions could be adversely affected by the soundness of other financial institutions or market participants. Financial institutions are interrelated as a result of trading, clearing, counterparty, funding or other relationships. As a result, defaults by one or more States or financial institutions, or even rumours or questions about one or more financial institutions, or the financial services industry generally, may lead to market-wide liquidity problems and could lead to further losses or defaults. The BNP Paribas Group has exposure to many counterparties in the financial industry, directly and indirectly, including clearing houses, brokers and dealers, commercial banks, investment banks, mutual and alternative investment funds, and other institutional clients with which it regularly executes transactions. The BNP Paribas Group may also be exposed to risks related to the increasing involvement in the financial sector of players and the introduction of new types of transactions subject to little or no regulation (e.g. unregulated funds, trading venues or crowdfunding platforms). Credit and counterparty risks could be

exacerbated if the collateral held by the BNP Paribas Group cannot be realised, it decreases in value or it is liquidated at prices not sufficient to recover the full amount of the loan or derivative exposure due to the BNP Paribas Group or in the event of the failure of a significant financial market participant such as a central counterparty.

For reference, counterparty risk exposure related to financial institutions was EUR 29 billion at 31 December 2021, or 13% of the BNP Paribas Group's total counterparty risk exposure, and counterparty risk exposure related to clearing houses was EUR 54 billion, or 24% of the BNP Paribas Group's total counterparty risk exposure.

In addition, fraud or misconduct by financial market participants can have a material adverse effect on financial institutions due in particular to the interrelated nature of the financial markets. An example is the fraud perpetrated by Bernard Madoff that came to light in 2008, as a result of which numerous financial institutions globally, including the BNP Paribas Group, announced losses or exposure to losses in substantial amounts. The BNP Paribas Group remains the subject of various claims in connection with the Madoff matter; see note 7.b "Legal proceedings and arbitration" to its consolidated financial statements for the year ended 31 December 2022.

Losses resulting from the risks summarised above could materially and adversely affect the BNP Paribas Group's results of operations.

## **2. OPERATIONAL RISK**

BNP Paribas Group's operational risk is the risk of loss resulting from failed or inadequate internal processes (particularly those involving personnel and information systems) or external events, whether deliberate, accidental or natural (floods, fires, earthquakes, terrorist attacks, etc.). BNP Paribas Group's operational risks cover fraud, human resources risks, legal and reputational risks, non-compliance risks, tax risks, information systems risks, risk of providing inadequate financial services (conduct risk), risk of failure of operational processes including credit processes, or from the use of a model (model risk), as well as potential financial consequences related to reputation risk management. From 2013 to 2021, BNP Paribas Group's main type of incidents involving operational risk were in "Clients, products and business practices", which represents more than half of the total financial impact, largely as a result of the BNP Paribas Group's agreement with US authorities regarding its review of certain dollar transactions concluded in June 2014. Process failures, including errors in execution or processing of transactions and external fraud are respectively the second and third types of incidents with the highest financial impact. Between 2013 and 2021, other types of risk in operational risk consisted of external fraud (14%), business disruption and systems failure (3%), employment practices and workplace safety (2%), internal fraud (1%) and damage to physical assets (1%).

The risk-weighted assets subject to this type of risk amounted to EUR 62 billion at 31 December 2022, representing 8% of the BNP Paribas Group's total risk-weighted assets, compared to EUR 63 billion representing 9% of total risk-weighted assets at 31 December 2021.

### **2.1 The BNP Paribas Group's risk management policies, procedures and methods may leave it exposed to unidentified or unanticipated risks, which could lead to material losses.**

The BNP Paribas Group has devoted significant resources to developing its risk management policies, procedures and assessment methods and intends to continue to do so in the future. Nonetheless, the BNP Paribas Group's risk management techniques and strategies may not be fully effective in mitigating its risk exposure in all economic and market environments or against all types of risk, particularly risks that the BNP Paribas Group may have failed to identify or anticipate. The BNP Paribas Group's ability to assess the creditworthiness of its customers or to estimate the values of its assets may be impaired if, as a result of market turmoil such as that experienced in recent years, the models and approaches it uses become less predictive of future behaviour, valuations, assumptions or estimates. Some of the BNP Paribas Group's qualitative tools and metrics for managing risk are based on its use of observed historical market behaviour. The BNP Paribas Group applies statistical and other tools to these observations to arrive at quantifications of its risk exposures. The process the BNP Paribas Group uses to estimate losses inherent in its credit exposure or estimate the value

of certain assets requires difficult, subjective, and complex judgments, including forecasts of economic conditions and how these economic predictions might impair the ability of its borrowers to repay their loans or impact the value of assets, which may, during periods of market disruption or substantial uncertainty, be incapable of accurate estimation and, in turn, impact the reliability of the process. These tools and metrics may fail to predict future risk exposures, e.g. if the BNP Paribas Group does not anticipate or correctly evaluate certain factors in its statistical models, or upon the occurrence of an event deemed extremely unlikely by the tools and metrics. This would limit the BNP Paribas Group's ability to manage its risks. The BNP Paribas Group's losses could therefore be significantly greater than the historical measures indicate. In addition, the BNP Paribas Group's quantified modelling does not take all risks into account. Its more qualitative approach to managing certain risks could prove insufficient, exposing it to material unanticipated losses.

**2.2 An interruption in or a breach of the BNP Paribas Group's information systems may cause substantial losses of client or customer information, damage to the BNP Paribas Group's reputation and result in financial losses.**

As with most other banks, the BNP Paribas Group relies heavily on communications and information systems to conduct its business. This dependency has increased with the spread of mobile and online banking services, the development of cloud computing, and more generally the use of new technologies. Any failure or interruption or breach in security of these systems could result in failures or interruptions in the BNP Paribas Group's customer relationship management, general ledger, deposit, servicing and/or loan organisation systems or could cause the BNP Paribas Group to incur significant costs in recovering and verifying lost data. The BNP Paribas Group cannot provide assurances that such failures or interruptions will not occur or, if they do occur, that they will be adequately addressed.

In addition, the BNP Paribas Group is subject to cybersecurity risk, or risk caused by a malicious and/or fraudulent act, committed virtually, with the intention of manipulating information (confidential data, bank/insurance, technical or strategic), processes and users, in order to cause material losses to the BNP Paribas Group's subsidiaries, employees, partners and clients and/or for the purpose of extortion (ransomware). An increasing number of companies (including financial institutions) have in recent years experienced intrusion attempts or even breaches of their information technology security, some of which have involved sophisticated and highly targeted attacks on their computer networks. Because the techniques used to obtain unauthorised access, disable or degrade service, steal confidential data or sabotage information systems have become more sophisticated, change frequently and often are not recognised until launched against a target, the BNP Paribas Group and its third-party service providers may be unable to anticipate these techniques or to implement in a timely manner effective and efficient countermeasures. Any failures of or interruptions in the BNP Paribas Group's information systems or those of its providers and any subsequent disclosure of confidential information related to any client, counterpart or employee of the BNP Paribas Group (or any other person) or any intrusion or attack against its communication system could cause significant losses and have an adverse effect on the BNP Paribas Group's reputation, financial condition and results of operations. Regulatory authorities now consider cybersecurity as a growing systemic risk for the financial sector. They have stressed the need for financial institutions to improve their resilience to cyber-attacks by strengthening internal IT monitoring and control procedures. A successful cyber-attack could therefore expose the Group to a regulatory fine, especially should any personal data from customers be lost.

Moreover, the BNP Paribas Group is exposed to the risk of operational failure or interruption of a clearing agent, foreign markets, clearing houses, custodian banks or any other financial intermediary or external service provider used by the BNP Paribas Group to execute or facilitate financial transactions. Due to its increased interaction with clients, the BNP Paribas Group is also exposed to the risk of operational malfunction of the latter's information systems. The BNP Paribas Group's communications and data systems and those of its clients, service providers and counterparties may also be subject to malfunctions or interruptions as a result of cyber-crime or cyber-terrorism. The BNP Paribas Group cannot guarantee that these malfunctions or interruptions in its own systems or those of other parties will not occur or that in the event of a cyber-attack, these malfunctions or interruptions will be adequately resolved. These operational malfunctions or interruptions accounted for an average of 3% of operational risk losses over the 2013-2021 period.

### **2.3 Reputational risk could weigh on the BNP Paribas Group's financial strength and diminish the confidence of clients and counterparties in it.**

Considering the highly competitive environment in the financial services industry, a reputation for financial strength and integrity is critical to the BNP Paribas Group's ability to attract and retain customers. The BNP Paribas Group's reputation could be harmed if the means it uses to market and promote its products and services were to be deemed inconsistent with client interests. The BNP Paribas Group's reputation could also be damaged if, as it increases its client base and the scale of its businesses, its overall procedures and controls dealing with conflicts of interest fail, or appear to fail, to address them properly. Moreover, the BNP Paribas Group's reputation could be damaged by employee misconduct, fraud or misconduct by financial industry participants to which the BNP Paribas Group is exposed, a restatement of, a decline in, or corrections to its results, as well as any adverse legal or regulatory action, such as the settlement the BNP Paribas Group entered into with the US authorities in 2014 for violations of US laws and regulations regarding economic sanctions. The loss of business that could result from damage to the BNP Paribas Group's reputation could have an adverse effect on its results of operations and financial position.

### **3. MARKET RISK**

The BNP Paribas Group's market risk is the risk of loss of value caused by an unfavourable trend in prices or market parameters. The parameters affecting the BNP Paribas Group's market risk include, but are not limited to, exchange rates, prices of securities and commodities (whether the price is directly quoted or obtained by reference to a comparable asset), the price of derivatives on an established market and all benchmarks that can be derived from market quotations such as interest rates, credit spreads, volatility or implicit correlations or other similar parameters.

BNP Paribas Group is exposed to market risk mainly through trading activities carried out by the business lines of its Corporate & Institutional Banking (CIB) operating division, primarily in Global Markets, which represented 17% of the BNP Paribas Group's revenue in 2022. BNP Paribas Group's trading activities are directly linked to economic relations with clients of these business lines, or indirectly as part of its market making activity.

In addition, the market risk relating to the BNP Paribas Group's banking activities covers its interest rate and foreign exchange rate risk in connection with its activities as a banking intermediary. The "operating" foreign exchange risk exposure relates to net earnings generated by activities conducted in currencies other than the functional currency of the entity concerned. The "structural" foreign exchange risk position of an entity relates to investments in currencies other than the functional currency. In measuring interest rate risk, the BNP Paribas Group defines the concepts of standard rate risk and structural rate risk as the following: the standard rate risk corresponds to the general case, namely when it is possible to define the most appropriate hedging strategy for a given transaction, and the structural rate risk is the interest rate risk for equity and non-interest-bearing current accounts. If the BNP Paribas Group's hedging strategies prove ineffective or provide only a partial hedge, the BNP Paribas Group could incur losses. BNP Paribas' market risk based on its activities is measured by "Value at Risk" (VaR), and various other market indicators (stressed VaR, Incremental Risk Charge, Comprehensive Risk Measure for credit correlation portfolio) as well as by stress tests and sensitivity analysis compared with market limits.

The risk-weighted assets subject to this type of risk amounted to EUR 26 billion at 31 December 2022, representing 3% of the BNP Paribas Group's total risk-weighted assets, compared to EUR 25 billion representing 3% of the total risk-weighted assets at 31 December 2021.

#### **3.1 The BNP Paribas Group may incur significant losses on its trading and investment activities due to market fluctuations and volatility.**

The BNP Paribas Group maintains trading and investment positions in the debt, currency, commodity and equity markets, and in unlisted securities, real estate and other asset classes, including through derivative contracts. These positions could be adversely affected by extreme volatility in these markets, i.e. the degree to which prices fluctuate over a particular period in a particular market, regardless of market levels. Moreover,

volatility trends that prove substantially different from the BNP Paribas Group's expectations may lead to losses relating to a broad range of other products that the BNP Paribas Group uses, including swaps, forward and future contracts, options and structured products.

To the extent that the BNP Paribas Group owns assets, or has net long positions, in any of those markets, a market downturn could result in losses from a decline in the value of its positions. Conversely, to the extent that the BNP Paribas Group has sold assets that it does not own, or has net short positions in any of those markets, a market upturn could, in spite of the existing limitation of risks and control systems, expose the BNP Paribas Group to potentially substantial losses as it attempts to cover its net short positions by acquiring assets in a rising market. The BNP Paribas Group may from time to time hold a long position in one asset and a short position in another, in order to hedge transactions with clients and/or in view of benefitting from changes in the relative value of the two assets. If, however, the relative value of the two assets changes in a direction or manner that the BNP Paribas Group did not anticipate or against which its positions are not hedged, it might realise a loss on those paired positions. Such losses, if significant, could adversely affect the BNP Paribas Group's results and financial condition. In addition, the BNP Paribas Group's hedging strategies may not be suitable for certain market conditions.

If any of the variety of instruments and strategies that the BNP Paribas Group uses to hedge its exposure to various types of risk in its businesses is not effective, the Group may incur losses. Many of its strategies are based on historical trading patterns and correlations. For example, if the BNP Paribas Group holds a long position in an asset, it may hedge that position by taking a short position in another asset where the short position has historically moved in a direction that would offset a change in the value of the long position. However, the hedge may only be partial, or the strategies used may not protect against all future risks or may not be fully effective in mitigating the BNP Paribas Group's risk exposure in all market environments or against all types of risk in the future. Unexpected market developments may also reduce the effectiveness of the BNP Paribas Group's hedging strategies. In addition, the manner in which gains and losses resulting from certain ineffective hedges are recorded may result in additional volatility in the BNP Paribas Group's reported earnings.

The BNP Paribas Group uses a "Value at Risk" (VaR) model to quantify its exposure to potential losses from market risks, and also performs stress testing with a view to quantifying its potential exposure in extreme scenarios (see Market Risk Stress Testing Framework in section 5.7 Market risk of the BNPP Universal Registration Document). However, these techniques rely on statistical methodologies based on historical observations, which may turn out to be unreliable predictors of future market conditions. Accordingly, the BNP Paribas Group's exposure to market risk in extreme scenarios could be greater than the exposures predicted by its quantification techniques.

More generally, the volatility of financial markets resulting from disruptions or deteriorations in macroeconomic conditions could adversely affect the BNP Paribas Group's trading and investment positions in the debt, currency, commodity and equity markets, as well as its positions in other investments. For reference, the revenues of Global Markets accounted for 17% of the BNP Paribas Group's revenues in 2022. Severe market disruptions and extreme market volatility have occurred often in recent years (including in 2022) and may persist or resurface, which could result in significant losses for the BNP Paribas Group. Such losses may extend to a broad range of trading and hedging products, including swaps, forward and future contracts, options and structured products. The volatility of financial markets makes it difficult to predict trends and implement effective trading strategies. It also weighs on the primary equity and bond markets, as in 2022, affecting the activity of Corporate & Institutional Banking.

### **3.2 The BNP Paribas Group may generate lower revenues from commission and fee-based businesses during market downturns and declines in activity.**

Commissions represented 21% of the BNP Paribas Group's total revenues in 2022. Financial and economic conditions affect the number and size of transactions for which the BNP Paribas Group provides securities underwriting, financial advisory and other Investment Banking services. These revenues, which include fees from these services, are directly related to the number and size of the transactions in which the BNP Paribas Group participates and can thus be significantly affected by economic or financial changes that are

unfavourable to its Investment Banking business and clients. In addition, because the fees that the BNP Paribas Group charges for managing its clients' portfolios are in many cases based on the value or performance of those portfolios, a market downturn that reduces the value of its clients' portfolios or increases the amount of withdrawals would reduce the revenues it receives from its asset management, equity derivatives and Private Banking businesses. Independently of market changes, the development of index portfolios or the below-market performance by the BNP Paribas Group's mutual funds may lead to reduced revenues from the BNP Paribas Group's asset management business, and increased withdrawals and reduced inflows for these vehicles. A reduced level of revenues from the abovementioned commission and fee-based businesses may have a material adverse impact on the BNP Paribas Group's financial results.

### **3.3 Adjustments to the carrying value of the BNP Paribas Group's securities and derivatives portfolios and the BNP Paribas Group's own debt could have an adverse effect on its net income and shareholders' equity.**

The carrying value of the BNP Paribas Group's securities and derivatives portfolios and certain other assets, as well as its own debt, in its balance sheet is adjusted as of each financial statement date. As at 31 December 2022, on the assets side of the BNP Paribas Group's balance sheet, financial instruments at fair value through profit or loss, derivative financial instruments used for hedging purposes and financial assets at fair value through shareholders' equity amounted to EUR 685 billion, EUR 25 billion and EUR 38 billion respectively. In the liabilities column, financial instruments at fair value through profit or loss and derivative financial instruments used for hedging purposes amounted to EUR 703 billion and EUR 40 billion, respectively, at 31 December 2022. Most of the adjustments are made on the basis of changes in fair value of the BNP Paribas Group's assets or debt during an accounting period, with the changes recorded either in the income statement or directly in shareholders' equity. Changes that are recorded in the income statement, to the extent not offset by opposite changes in the value of other assets, affect the BNP Paribas Group's consolidated revenues and, as a result, its net income. A downward adjustment of the fair value of the BNP Paribas Group's securities and derivatives portfolios may lead to reduced shareholders' equity and, to the extent not offset by opposite changes in the value of the BNP Paribas Group's liabilities, the BNP Paribas Group's capital adequacy ratios may also be lowered. The fact that fair value adjustments are recorded in one accounting period does not mean that further adjustments will not be needed in subsequent periods.

## **4. LIQUIDITY AND FUNDING RISK**

Liquidity risk is the risk that the BNP Paribas Group will not be able to meet its commitments or unwind or offset a position due to market or financial conditions or factors specific to it, within a given timeframe and at a reasonable cost. It reflects the risk of not being able to meet net cash outflows, including those related to collateral requirements, over all time horizons from short to long term. The Group's specific risk can be assessed through its short-term liquidity ratio (Liquidity Coverage Ratio - LCR") which analyzes the coverage of net cash outflows at 30 days in a stress scenario. The Group's LCR was 129% at the end of 2022. The liquidity reserve was EUR 461 billion at the end of 2022.

### **4.1 The BNP Paribas Group's access to and cost of funding could be adversely affected by a resurgence of financial crises, worsening economic conditions, rating downgrades, increases in sovereign credit spreads or other factors.**

The financial crisis, the Eurozone sovereign debt crisis as well as the general macroeconomic environment, at times adversely affected the availability and cost of funding for European banks around ten years ago. This was due to several factors, including a sharp increase in the perception of bank credit risk due to exposure to sovereign debt in particular, credit rating downgrades of sovereigns and of banks, and debt market speculation. Many European banks, including the BNP Paribas Group, at various points during these periods experienced restricted access to wholesale debt markets for institutional investors and to the interbank market, as well as a general increase in their cost of funding. More recently, in the context of the health crisis, the European Central Bank ("ECB") also set up refinancing facilities designed to foster the banks' financing of the economy (Targeted Longer-Term Refinancing Options or "TLTRO"), on which the BNP Paribas Group has drawn. Such adverse credit market conditions may reappear in the event of a recession, prolonged stagnation of growth, deflation, "stagflation" (sluggish growth accompanied by inflation), a resurgence of the financial crisis,

another sovereign debt crisis, new forms of financial crises, factors relating to the financial industry or the economy in general (including the economic consequences of the health crisis or the invasion of Ukraine and its impact on the world economy (including the worsening of inflation) or the rapid rise of market interest rates in 2022) or to the BNP Paribas Group in particular. In this case, the effect on the liquidity of the European financial sector in general or the BNP Paribas Group in particular could be materially adverse and have a negative impact on the BNP Paribas Group's results of operations and financial condition.

**4.2 Protracted market declines can reduce the BNP Paribas Group's liquidity, making it harder to sell assets and possibly leading to material losses. Accordingly, the BNP Paribas Group must ensure that its assets and liabilities properly match in order to avoid exposure to losses.**

In some of the BNP Paribas Group's businesses, particularly Global Markets (which represented 17% of the BNP Paribas Group's revenue in 2022) and Asset/Liability Management, protracted market movements, particularly asset price declines, can reduce the level of activity in the market or reduce market liquidity. These developments can lead to material losses if the BNP Paribas Group cannot close out deteriorating positions in a timely way. This is particularly true for assets that are intrinsically illiquid. Assets that are not traded on stock exchanges or other public trading markets, such as certain derivative contracts between financial institutions, may have values that the BNP Paribas Group calculates using models rather than publicly-quoted prices. Monitoring the deterioration of prices of assets like these is difficult and could lead to significant unanticipated losses (see section 5.8 Liquidity risk, paragraph Stress tests and liquidity reserve).

The BNP Paribas Group is exposed to the risk that the maturity, interest rate or currencies of its assets might not match those of its liabilities. The timing of payments on certain of the BNP Paribas Group's assets is uncertain, and if the BNP Paribas Group receives lower revenues than expected at a given time, it might require additional market funding in order to meet its obligations on its liabilities. While the BNP Paribas Group imposes strict limits on the gaps between its assets and its liabilities as part of its risk management procedures, it cannot be certain that these limits will be fully effective to eliminate potential losses arising from asset and liability mismatches.

**4.3 Any downgrade of the Group's credit ratings could weigh heavily on the profitability of the Group.**

Credit ratings have a significant impact on the BNP Paribas Group's liquidity. On 25 April 2022, Standard & Poor's confirmed the long-term rating of BNP Paribas SA's deposits and senior preferred debt rating as A+, and its short-term rating as A-1 with a stable outlook. On 13 September 2022, Fitch maintained its long-term deposits and senior preferred debt rating for BNP Paribas SA at AA- and its short term deposits and senior preferred debt rating for BNP Paribas SA at F1+ and revised its outlook to stable. On 5 July 2022, Moody's confirmed its long-term deposits and senior preferred debt rating as Aa3, and its short-term rating as P-1, with a stable outlook. On 28 June 2022, DBRS confirmed BNP Paribas SA's senior preferred debt rating as AA(low), and its short-term rating as R-1(middle), with a stable outlook. A downgrade in the BNP Paribas Group's credit rating could affect the liquidity and competitive position of the Group. It could also increase the BNP Paribas Group's borrowing costs, limit access to the capital markets or trigger additional obligations under its covered bonds or under certain bilateral provisions in some trading, derivative or collateralised financing contacts.

In addition, the BNP Paribas Group's cost of obtaining long-term unsecured funding from market investors is also directly related to its credit spreads, which in turn depend to a certain extent on its credit ratings. Increases in credit spreads can significantly increase the BNP Paribas Group's cost of funding. Changes in credit spreads are continuous, market-driven, and subject at times to unpredictable and highly volatile movements. Credit spreads are also influenced by market perceptions of the BNP Paribas Group's creditworthiness. Furthermore, credit spreads may be influenced by movements in the cost to purchasers of credit default swaps referenced to the BNP Paribas Group's debt obligations, which are influenced both by the credit quality of those obligations, and by a number of market factors that are beyond the control of the BNP Paribas Group.



## **5. RISKS RELATED TO THE MACROECONOMIC AND MARKET ENVIRONMENT**

### **5.1 Adverse economic and financial conditions have in the past had and may in the future have an impact on the BNP Paribas Group and the markets in which it operates.**

The BNP Paribas Group's business is sensitive to changes in the financial markets and more generally to economic conditions in France (32% of the Group's revenues at 31 December 2021), other countries in Europe (45% of the Group's revenues at 31 December 2021) and the rest of the world (23% of the Group's revenues at 31 December 2021, including 5% related to activities of Bank of the West in the United States, the sale of which was completed on 1 February 2023). A deterioration in economic conditions in the markets in the countries where the BNP Paribas Group operates and in the economic environment could in the future have some or all of the following impacts:

- adverse economic conditions affecting the business and operations of the BNP Paribas Group's customers, reducing credit demand and trading volume and resulting in an increased rate of default on loans and other receivables, in part as a result of the deterioration of the financial capacity of companies and households;
- a decline in market prices (or an increase in volatility) of bonds, equities and commodities affecting the businesses of the BNP Paribas Group, including in particular trading, Investment Banking and asset management revenues;
- macroeconomic policies adopted in response to actual or anticipated economic conditions having unintended effects, and are likely to impact market parameters such as interest rates and foreign exchange rates, which in turn can affect the BNP Paribas Group's businesses that are most exposed to market risk;
- perceived favourable economic conditions generally or in specific business sectors resulting in asset price bubbles, and the subsequent corrections when conditions become less favourable;
- a significant economic disruption (such as the global financial crisis of 2008, the European sovereign debt crisis of 2011, the recession caused, in 2020 and 2021, by the Covid-19 pandemic or high inflation and rising interest rates as well as geopolitical shocks (for example, the invasion of Ukraine) in 2022) having a substantial impact on all of the BNP Paribas Group's activities, which would be exacerbated if the disruption is characterised by an absence of market liquidity that makes it difficult to sell certain categories of assets at their estimated market value or at all. These disruptions could also lead to, in particular, a decline in transaction commissions and consumer loans; and
- various adverse political and geopolitical events such as natural disasters, geopolitical tensions, health risks such as the Covid-19 pandemic and its aftermath, the fear or recurrence of new epidemics or pandemics, acts of terrorism, societal unrest, cyber-attacks, military conflicts or threats thereof and related risks (in particular, the invasion of Ukraine, related economic sanctions and the consequential impact on energy markets affecting Europe in particular), may affect the operating environment for the BNP Paribas Group episodically or for extended periods.

A number of factors affect, and a number of risks weigh particularly on, the economy and the financial markets in 2023. They are the continuation of events that occurred or trends that began in 2022. Firstly, high inflation due to a number of factors, including bottlenecks in various supply chains coming out of the Covid-19 pandemic, abundant liquidity resulting from monetary policy and public aid during the pandemic, and the consequences of the invasion of Ukraine, particularly on the energy market. Inflation has had, and may continue to have, the effect of increasing costs (raw materials and wages) for companies (the Group's clients and the Group itself) and the cost of living for individuals, and the risk of a decline in corporate margins and the quality of corporate and consumer credit. Secondly, a significant and rapid monetary tightening affecting the financial markets and the economy more generally and increasing the cost of financing for companies and individuals, potentially leading to a sharp decline in growth or even a global or regional recession. Indeed, the International Monetary Fund ("IMF") stated in January 2023 that it expected the world and Eurozone's growth

to be 3.4% and 3.5% in 2022 and 2.9% and 0.7% in 2023, respectively. The IMF also stated that it expected global inflation to be 8.8% in 2022, 6.6% in 2023 and 4.3% in 2024.

Among the factors that could strongly influence the macroeconomic trajectory, including the existence, severity and duration of a recession, in 2023 are the course of the war in Ukraine and of the Covid-19 pandemic. The invasion of Ukraine and the reaction of the international community (particularly the imposition of economic sanctions) have been and may continue to be a source of instability in global markets, impacting stock market indices, increasing the price of raw materials (such as electricity, oil, gas and agricultural commodities such as wheat) or causing fears of shortages, thereby aggravating the disruption of supply chains and increasing production and transportation costs, as well as inflation more generally. The impact on the global energy market, particularly in Europe, will continue to be felt in 2023 (and possibly beyond) with risks of further crises (shortages, price increases, cascading effects in the economy, including liquidity and margin pressures for companies, even leading to production stoppages). After having caused a global recession in 2020 and a major disruption to the global economy in 2021, the Covid-19 pandemic had less of a macroeconomic effect in 2022; its impact in 2023 will depend on a number of factors, including the potential resurgence of regional outbreaks, the possible emergence of new strains, and above all, public policy reactions. Finally, the risk of various types of crises exists, including that of sovereign debt (high level of post-pandemic public indebtedness, rapid increase in (re)financing costs, exchange rate effects particularly for borrowers exposed to the US dollar, and political risks – for example, of gridlock in the US congress); the bursting of various financial bubbles fostered by the previous environment of abundant liquidity and very low interest rates; and geopolitical events of different types and from different sources, in a context of increased political and societal tensions in various parts of the world.

It is difficult to predict economic or market declines or other market disruptions, and which markets will be most significantly impacted. If economic or market conditions in France or elsewhere in Europe, or Global Markets more generally, continue to deteriorate or become increasingly volatile, the BNP Paribas Group's operations could be disrupted, and its business, results of operations and financial condition could be materially and adversely affected.

## **5.2 Significant interest rate changes could adversely affect the BNP Paribas Group's revenues or profitability. There are risks associated with exiting or potentially returning to a prolonged low interest rate environment.**

The net interest income recorded by the BNP Paribas Group during any given period significantly affects its overall revenues and profitability for that period. Interest rates are highly sensitive to many factors beyond the BNP Paribas Group's control, such as the rate of inflation, country-specific monetary policies and certain decisions concerning regulatory capital. Changes in market interest rates could affect the interest rates charged on interest-earning assets differently from the interest rates paid on interest-bearing liabilities and other resources such as deposits. Increases in the interest rates at which the BNP Paribas Group's short-term funding is available and maturity mismatches may adversely affect its profitability. Conversely, any adverse change in the yield curve could cause a decline in net interest income generated by the BNP Paribas Group's lending activities.

After a long period of low interest rates (in France, Europe and globally) culminating during the initial phases of the Covid-19 pandemic—due, in particular, to very accommodating central bank monetary policies—central banks, faced with the emergence of stronger and more lasting inflation than initially expected, have since the beginning of 2022 been tightening monetary policy, itself leading to a rapid and significant rise in market interest rates. For example, the US Federal Reserve raised its benchmark interest rate by 4.25% in 2022 and by 0.25% in January 2023. The ECB raised its benchmark interest rate by 2.5% in 2022 and by 0.5% in January 2023. In connection with the latest rate increases each indicated more to come. In addition, the ECB approved the creation of a new “transmission protection instrument” and announced the amendment of the conditions of its longer-term refinancing operations (TLTRO 3) starting from November 2022 until the end of each operation as well as the reduction of its asset purchase program starting in March 2023. As the Group hedges its overall interest rate position, any change in the terms and conditions affecting these instruments may lead to adjustments in this hedge. These adjustments could have an adverse impact on the results of the BNP Paribas Group.

A tightening of monetary policy, particularly after a prolonged period of low interest rates creates risks. Tightening more than expected or more quickly than expected could have a negative impact on the economy and lead to a recession. Indeed, various institutions, such as the World Bank or the IMF stated in the second half of 2022 that they see the possibility of a global recession in 2023 and a string of financial crises in emerging markets and developing economies as a result of the general and simultaneous rise in interest rates, as well as, for the former, currency movements (and in particular substantial appreciation of the U.S. dollar). The central scenario of the Organisation for Economic Cooperation and Development (“OECD”), in its November 2022 report, is for a sharp slowdown in global growth in 2023. In the Eurozone, which has up until now been characterized by a unified monetary policy despite the varying risk profiles of the component countries, the widening of the spread between sovereign bonds could have an impact on the financing of countries experiencing the greatest rate increases and, in the long term, could have more serious macroeconomic (or political) consequences. The IMF announced in January 2023 that it expects growth in the euro zone to have been 3.5% in 2022 and to be 0.7% in 2023. In addition, a general increase in benchmark interest rates could prompt holders of low-interest debt or assets to switch to higher-interest bearing assets and further reduce the value of portfolios of fixed-interest debt or assets with lower interest rates. If the BNP Paribas Group's hedging strategies prove ineffective or provide only a partial hedge against this decline in value, the BNP Paribas Group could incur losses. Policy decisions to increase the rate of return on regulated savings (already underway in France) should increase the positive inflow of funds into such investments and, conversely, lead to a shift away from unregulated products, which earn lower rates of return or no returns. Such a scenario, combined with the fact that regulated savings would continue to be remunerated at a higher level than the level received by the BNP Paribas Group for these same deposits, could result in additional costs related to the amount of outstanding deposits and lead to a decrease in the funding resources of the BNP Paribas Group. With respect to the financing granted by the BNP Paribas Group, this could in particular test the resilience of the BNP Paribas Group's loan and bond portfolio and, possibly, lead to an increase in non-performing loans and loan defaults.

More generally, a very rapid rise in interest rates resulting in particular from central banks ending their accommodative monetary policies in light of an economic recovery or high inflation rates could adversely affect the Group's revenues and profitability by weighing, at least temporarily, on its margins. BNP Paribas may also have difficulty (in particular due to the usury rate in France) promptly reflecting higher interest rates in new mortgage or other fixed-rate consumer or corporate loans, while the cost of customer deposits and hedging costs would increase more rapidly. In addition, rising market interest rates increase the BNP Paribas Group's funding costs and lead to higher rates on new loans due to the combined effects of a possible decline in new lending and increased competition.

More generally, the evolution of monetary policies, as currently implemented by central banks, has contributed to, and could continue to contribute to, the correction of certain markets or market sectors (for example, non-investment grade borrowers and sovereign borrowers, and equity and real estate markets and the leveraged finance market) and impact market participants who have particularly benefited from a prolonged environment of low interest rates and abundant liquidity. These corrections have, and could continue to, spread to all financial markets, particularly due to a significant increase in volatility.

A return in the medium term to a low interest rate environment, or a decline in interest rates, particularly following a recession, cannot be ruled out. Such a development would be likely to weigh significantly on the profitability of banks, as was the case during the recent long period of low interest rates. The relative impact on banks depends in particular on the proportion of revenues generated by net interest income; this proportion was 46% for BNP Paribas in 2022 (see the Consolidated Income Statement for the year 2022 - IFRS 5 Transition Table in chapter 3). The Group generates a significant portion of its revenues from its net interest margin and therefore remains exposed to interest rate fluctuations and changes in the yield curve. During periods of low interest rates, interest rate spreads tend to tighten, and the BNP Paribas Group may be unable to lower interest rates on deposits sufficiently to offset reduced income from lending at lower interest rates. Net interest income amounted to EUR 21,209 million in 2021 and EUR 23,168 million in 2022 respectively. On an indicative basis, over one-, two- and three-year timeframes, the sensitivity of revenues at 31 December 2021 to a parallel, instantaneous and definitive increase in market rates of +50 basis points (+0.5%) across all currencies had an impact of +EUR 127 million, +EUR 537 million and +EUR 694 million, respectively, or +0.3%, +1.2% and +1.5% of the Group's net banking income. The negative interest rate environment in which

banks are charged for cash deposited with central banks, whereas banks typically do not charge clients for deposits, weighs significantly on banks' margins. In addition, the BNP Paribas Group has been facing and may continue to face an increase in early repayment and refinancing of mortgages and other fixed-rate consumer and corporate loans as clients take advantage of relatively low borrowing costs. This, along with the issuance of new loans at the low prevailing market interest rates, has resulted and may continue to result in a decrease in the average interest rate of the BNP Paribas Group's portfolio of loans thereby causing a decline in its net interest income from lending activities. Moreover, an environment of persistently low interest rates can also have the effect of flattening the yield curve in the market more generally, which could reduce the premium generated by the BNP Paribas Group from its funding activities. A flattening yield curve can also influence financial institutions to engage in riskier activities in an effort to earn the desired level of returns, which can increase overall market risk and volatility. Low interest rates may also affect the profitability and even the solvency of the insurance activities of French banks, including the BNP Paribas Group, particularly due to the prevalence in the market of life insurance contracts backed by euro-denominated funds, which may not be able to generate sufficient returns to be competitive with other investment products. Low interest rates may also adversely affect commissions charged by the BNP Paribas Group's asset management subsidiaries on money market and other fixed-income products. A reduction in credit spreads and decline in Retail Banking income resulting from lower portfolio interest rates may adversely affect the profitability of the BNP Paribas Group's Retail Banking operations.

### **5.3 Given the global scope of its activities, the BNP Paribas Group is exposed to country risk and to changes in the political, macroeconomic or financial contexts of a region or country.**

The BNP Paribas Group is subject to country risk, meaning the risk that economic, financial, political, regulatory or social conditions in a given foreign country in which it operates could adversely affect the BNP Paribas Group's operations, or its results, or its financial condition, or its business. The BNP Paribas Group monitors country risk and takes it into account in the fair value adjustments and cost of risk recorded in its financial statements. However, a significant change in political or macroeconomic environments may require it to record additional charges or to incur losses beyond the amounts previously written down in its financial statements. In addition, factors specific to a country or region in which the BNP Paribas Group operates could make it difficult for it to carry out its business and lead to losses or impairment of assets.

At 31 December 2021, the BNP Paribas Group's loan portfolio consisted of receivables from borrowers located in France (32%), Belgium and Luxembourg (16%), Italy (9%), other European countries (19%), North America, including Bank of the West, (13%), Asia (6%) and the rest of the world (5%). Adverse economic or regulatory conditions that particularly affect these countries and regions would have a significant impact on the BNP Paribas Group. For example, the introduction by the Polish government in July 2022 of a law allowing borrowers under mortgage loans, generally at variable rates, to suspend their payments for eight months in the 2022-2024 period led the Group (operating in Poland through BNP Paribas Bank Polska) to record a EUR 204 million provision. In addition, the BNP Paribas Group has significant exposures in countries outside the OECD, which are subject to risks that include political instability, unpredictable regulation and taxation, expropriation and other risks that are less present in more developed economies.

In addition, the BNP Paribas Group is present in Ukraine, a country invaded in February 2022, through its subsidiary UkrSibbank in which it holds a 60% stake alongside the European Bank for Reconstruction and Development (40%). At 31 December 2021, UkrSibbank's balance sheet totalled approximately 0.08% of that of the BNP Paribas Group. The total equity of the subsidiary represented approximately 0.15% of consolidated equity of BNP Paribas Group share. At 31 December 2021, the BNP Paribas Group generated less than 0.5% of its pre-tax profit in Ukraine (see section 8.6 Information on locations and businesses in 2022 in chapter 8 General information). The BNP Paribas Group's total gross on- and off-balance sheet exposures to Ukraine (which are concentrated on UkrSibbank) represented less than 0.09% of the Group's gross exposures. The situation in Ukraine has profoundly changed the continuing operations of local banks, which—since 24 February 2022—are focused on the provision of payment instruments and services critical to the economy within the framework of the new regulations introduced by the central bank. In this context, the BNP Paribas Group estimated that as of 31 March 2022, it exerts significant influence over the entity within the meaning of the applicable accounting standards. Consequently, in accordance with applicable accounting standards, the BNP Paribas Group recorded, as of 31 March 2022, a 90% impairment of its shares amounting to EUR -159

million, as well as a loss of EUR 274 million relating to the recycling of the conversion reserve, as described in note 7.c to the financial statements for the year ended 31 December 2021.

With regard to Russia, which is subject to severe economic sanctions imposed notably by the European Union, USA and UK, gross on- and off- balance sheet exposures represented less than 0.07% of the BNP Paribas Group's gross exposures at 31 December 2021. The amount of net residual exposures, both in Russia and Ukraine, is more limited given the way in which the Bank operates in these two markets and how it secures its activities, with guarantees and collateral. In addition, various customers or counterparties of the BNP Paribas Group, in particular financial institutions and corporates, conduct business in these countries or have exposure to borrowers in these countries or have significant suppliers in those countries and could see their financial position weakened by the conflict and its consequences, particularly due to the cessation of their business in Ukraine and/or Russia or the reduction or termination (voluntarily, or involuntarily) of their supplies from these countries. The Group is diligently monitoring developments in the situation in conjunction with the authorities concerned and, in particular, the reactions of the international community with regard to economic sanctions.

## **6. REGULATORY RISKS**

### **6.1 Laws and regulations adopted in recent years, as well as current and future legislative and regulatory developments, may significantly impact the BNP Paribas Group and the financial and economic environment in which it operates.**

Laws and regulations have been enacted in the past few years, in particular in France, Europe and the United States, with a view to introducing a number of changes, some permanent, in the financial environment. The impact of the measures has changed substantially the environment in which the BNP Paribas Group and other financial institutions operate.

The measures that have been adopted include:

- strengthening the powers of supervisory bodies, such as the French Prudential Supervision and Resolution Authority (the "ACPR") and the creation of new authorities, including the adoption of the Single Resolution Mechanism (the SRM) in October 2013, pursuant to which the BNP Paribas Group is under the direct supervision of the ECB.
- more stringent capital and liquidity requirements (particularly for global systemically important banks such as the BNP Paribas Group), as well as changes to the risk-weighting methodologies and the methods of using internal models that have led, could have led, or could lead to increased capital requirements;
- restrictions on certain types of activities considered as speculative undertaken by commercial banks that are prohibited or need to be ring-fenced in subsidiaries (particularly proprietary trading) and are subject to prudential requirements and autonomous funding;
- prohibitions or restrictions on fees for certain types of financial products or activities;
- enhanced recovery and resolution regimes, in particular the Bank Recovery and Resolution Directive of 15 May 2014 (the "BRRD"), as amended from time to time, which strengthens powers to prevent and resolve banking crises in order to ensure that losses are borne largely by the creditors and shareholders of the banks and in order to keep the costs incurred by taxpayers to a minimum;
- the establishment of the national resolution funds by the BRRD and the creation of the Single Resolution Board (the SRB) by the European Parliament and Council of the European Union in a resolution dated 15 July 2014 (the SRM Regulation), as amended from time to time, which can initiate resolution proceedings for banking institutions such as the BNP Paribas Group, and the Single Resolution Fund (the SRF), the financing of which by the BNP Paribas Group (up to its annual contribution) can be significant;

- the establishment of national deposit guarantee schemes and a proposed European deposit guarantee scheme or deposit insurance which will gradually cover all or part of the guarantee schemes of participating countries;
- increased internal control and reporting requirements with respect to certain activities;
- the implementation of regulatory stress tests (including in relation to climate change risk) which could lead to additional regulatory capital requirements (see Market Risk Stress Testing Framework in section 5.7 Market risk);
- greater powers granted to the relevant authorities to combat money laundering and terrorism financing, in particular through the creation of a new European anti-money laundering authority which should be established in 2023 and commence its activities between 2024 and 2026;
- more stringent governance and conduct of business rules and restrictions and increased taxes on employee compensation over specified levels;
- measures to improve the transparency, efficiency and integrity of financial markets and in particular the regulation of high frequency trading, more extensive market abuse regulations, increased regulation of certain types of financial products including mandatory reporting of derivative and securities financing transactions, requirements either to mandatorily clear, or otherwise mitigate risks in relation to, over-the-counter derivative transactions (including through posting of collateral in respect of non-centrally cleared derivatives);
- the taxation of financial transactions;
- enhanced protection of personal data and cybersecurity requirements;
- enhanced disclosure requirements, including through the introduction of new disclosure requirements on (i) how banking groups providing asset management services such as the BNP Paribas Group integrate sustainability risks or negative impacts, sustainable investment objectives or the promotion of environmental or social attributes when making investment decisions, and (ii) how and to what extent banking groups themselves finance or develop economic activities that can be considered environmentally sustainable as defined in the European Taxonomy; and
- strengthened transparency and disclosure requirements on CSR risk management, including physical and transitional risks related to climate change, and the introduction of new requirements for the integration of climate risk into the risk measurement and management systems of banking groups, including through the publication of proposals for banks to manage and disclose climate risk.

These measures may have a significant adverse financial impact. For example, the introduction of a required contribution to the Single Resolution Fund resulted in a substantial additional expense for the BNP Paribas Group since its inception (the Group made a EUR 1,256 million contribution to the Single Resolution Fund in 2022).

Measures relating to the banking sector could be further amended, expanded or strengthened. Moreover, additional measures could be adopted in other areas. It is impossible to predict what additional measures will be adopted or what their exact content will be, and, given the complexity of the issues and the uncertainty surrounding them, to determine their impact on the BNP Paribas Group. The effect of these measures, whether already adopted or that may be adopted in the future, has been and could continue to be a decrease in the BNP Paribas Group's ability to allocate its capital and capital resources to financing, limit its ability to diversify risks, reduce the availability of certain financing and liquidity resources, increase the cost of financing, increase the cost of compliance, increase the cost or reduce the demand for the products and services offered by the BNP Paribas Group, require the BNP Paribas Group to proceed with internal reorganisations, structural changes or reallocations, affect the ability of the BNP Paribas Group to carry on certain activities or to attract and/or retain talent and, more generally, affect its competitiveness and profitability, which could have an

impact on its activities, financial condition and operating results. As a recent example on 27 October 2021, the European Commission presented a legislative package to finalise the implementation within the European Union of the Basel III agreement adopted by the Group of Central Governors and Heads of Supervision (GHOS) on 7 December 2017. On 8 November 2022, the Council adopted its position on the Commission's proposals and is currently negotiating with the European Parliament to agree on a final version of the texts. In the impact assessment accompanying the legislative package, the European Commission estimated, on the basis of an EBA impact study dated December 2020 and of additional European Commission estimates for some EU specific adjustments, that the implementation of the final Basel III standards may result in an average increase in total minimum capital requirements ranging between 6.4% and 8.4% after full implementation of the reform. On the basis of the EBA's updated impact analysis taking into account the combined effect of the reform and the potential consequences of the health crisis, the European Commission opted to apply the new capital requirements to EU banks as from 1 January 2025, with a phase-in period during which the requirements will be gradually increased through 2030 (and 2032 for certain requirements). On this basis, the Group has indicated a potential increase of 8% in its risk-weighted assets at the date of the first application announced for 1 January 2025, which implies a potential 8% increase in total minimum capital requirements resulting from the finalisation of Basel 3 (fully loaded). This estimate is subject to change depending on potential changes in the draft text, in the Group and the macroeconomic context.

The BNP Paribas Group is subject to extensive and evolving regulatory regimes in the jurisdictions in which it operates. The BNP Paribas Group faces the risk of changes in legislation or regulation in all of the countries in which it operates, including, but not limited to, the following: monetary, liquidity, interest rate and other policies of central banks and regulatory authorities; changes in government or regulatory policy that may significantly influence investor decisions, in particular in the markets in which the BNP Paribas Group operates; changes in regulatory requirements applicable to the financial industry, such as rules relating to applicable governance, remunerations, capital adequacy and liquidity frameworks, restrictions on activities considered as speculative and recovery and resolution frameworks; changes in securities regulations as well as in financial reporting, disclosure and market abuse regulations; changes in the regulation of certain types of transactions and investments, such as derivatives and securities financing transactions and money market funds; changes in the regulation of market infrastructures, such as trading venues, central counterparties, central securities depositories, and payment and settlement systems; changes in the regulation of payment services, crowdfunding and fintech; changes in the regulation of protection of personal data and cybersecurity; changes in tax legislation or the application thereof; changes in accounting norms; changes in rules and procedures relating to internal controls, risk management and compliance; and expropriation, nationalisation, price controls, exchange controls, confiscation of assets and changes in legislation relating to foreign ownership.

These changes, the scope and implications of which are highly unpredictable, could substantially affect the BNP Paribas Group and have an adverse effect on its business, financial condition and results of operations. Certain reforms not directed specifically at financial institutions, such as measures relating to the funds industry or promoting technological innovation (such as open data projects), could facilitate the entry of new players in the financial services sector or otherwise affect the BNP Paribas Group's business model, competitiveness and profitability, which could in turn affect its financial condition and results of operations.

## **6.2 The BNP Paribas Group may incur substantial fines and other administrative and criminal penalties for non-compliance with applicable laws and regulations, and may also incur losses in related (or unrelated) litigation with private parties.**

The BNP Paribas Group is exposed to regulatory compliance risk, i.e. the failure to comply fully with the laws, regulations, codes of conduct, professional norms or recommendations applicable to the financial services industry. This risk is exacerbated by the adoption by different countries of multiple and occasionally diverging and even conflicting legal or regulatory requirements. Besides damage to the BNP Paribas Group's reputation and private rights of action (including class actions), non-compliance could lead to material legal proceedings, fines and expenses (including fines and expenses in excess of recorded provisions), public reprimand, enforced suspension of operations or, in extreme cases, withdrawal by the authorities of operating licenses. This risk is further exacerbated by continuously increasing regulatory scrutiny of financial institutions as well as substantial increases in the quantum of applicable fines and penalties. Moreover, litigation by private parties

against financial institutions has substantially increased in recent years. Accordingly, the BNP Paribas Group faces significant legal risk in its operations, and the volume and amount of damages claimed in litigation, regulatory proceedings and other adversarial proceedings against financial services firms have substantially increased in recent years and may increase further. The BNP Paribas Group may record provisions in this respect as indicated in note 4.p to the consolidated financial statements for the year ending 31 December 2022 (“Provisions for contingencies and charges”).

In this respect, on 30 June 2014 the BNP Paribas Group entered into a series of agreements with, and was the subject of several orders issued by, US federal and New York state government agencies and regulatory authorities in settlement of investigations into violations of US laws and regulations regarding economic sanctions. The fines and penalties imposed on the BNP Paribas Group as part of this settlement included, among other things, the payment of monetary penalties amounting in the aggregate to USD 8.97 billion (EUR 6.6 billion) and guilty pleas by BNP Paribas SA, the parent company of the BNP Paribas Group, to charges of having violated US federal criminal law and New York State criminal law. Following this settlement, the BNP Paribas Group remains subject to increased scrutiny by regulatory authorities (including via the presence of an independent consultant within the BNP Paribas Group) who are monitoring its compliance with a remediation plan agreed with them.

The BNP Paribas Group is currently involved in various litigations and investigations as summarised in note 7.b “*Legal proceedings and arbitration*” to the financial statements for the year ended 31 December 2022. It may become involved in further such matters at any point. No assurance can be given that an adverse outcome in one or more of such matters would not have a material adverse effect on the BNP Paribas Group’s operating results for any particular period.

**6.3 The BNP Paribas Group could experience an unfavourable change in circumstances, causing it to become subject to a resolution proceeding: BNP Paribas Group security holders could suffer losses as a result.**

The BRRD, SRM Regulation, the Ordinance of 20 August 2015 and the Ordinance of 21 December 2020, as amended from time to time, confer upon the ACPR or the SRB the power to commence resolution proceedings for a banking institution, such as the BNP Paribas Group, with a view to ensure the continuity of critical functions, to avoid the risks of contagion and to recapitalise or restore the viability of the institution. These powers are to be implemented so that, subject to certain exceptions, losses are borne first by shareholders, then by holders of additional capital instruments qualifying as Tier 1 and Tier 2 (such as subordinated bonds), then by the holders of non-preferred senior debt and finally by the holders of senior preferred debt, all in accordance with the order of their claims in normal insolvency proceedings. For reference, the BNP Paribas Group’s medium- to long-term wholesale financing at 31 December 2022 consisted of the following: EUR 12.5 billion in hybrid Tier 1 debt, EUR 22.4 billion in Tier 2 subordinated debt, EUR 72.2 billion in senior unsecured non-preferred debt, EUR 60.7 billion in senior unsecured preferred debt and EUR 12.7 billion in senior secured debt.

Resolution authorities have broad powers to implement resolution measures with respect to institutions and groups subject to resolution proceedings, which may include (without limitation): the total or partial sale of the institution’s business to a third party or a bridge institution, the separation of assets, the replacement or substitution of the institution as obligor in respect of debt instruments, the full or partial write-down of capital instruments, the dilution of capital instruments through the issuance of new equity, the full or partial write-down or conversion into equity of debt instruments, modifications to the terms of debt instruments (including altering the maturity and/or the amount of interest payable and/or imposing a temporary suspension on payments), discontinuing the listing and admission to trading of financial instruments, the dismissal of managers or the appointment of a special manager (*administrateur spécial*).

Certain powers, including the full or partial write-down of capital instruments, the dilution of capital instruments through the issuance of new equity, the full or partial write-down or conversion into equity of additional capital instruments qualifying as Tier 1 and Tier 2 (such as subordinated bonds), can also be exercised as a precautionary measure, outside of resolution proceedings and/or pursuant to the European Commission’s State Aid framework if the institution requires exceptional public financial support.



The implementation of these tools and powers with respect to the BNP Paribas Group may result in significant structural changes to the BNP Paribas Group (including as a result of asset or business sales or the creation of bridge institutions) and in a partial or total write-down, modification or variation of claims of shareholders and creditors. Such powers may also result, after any transfer of all or part of the BNP Paribas Group's business or separation of any of its assets, in the holders of securities (even in the absence of any such write-down or conversion) being left as the creditors of the BNP Paribas Group whose remaining business or assets are insufficient to support the claims of all or any of the creditors of the Group.

## **7. RISKS RELATED TO THE BNP PARIBAS GROUP'S GROWTH IN ITS CURRENT ENVIRONMENT**

### **7.1 Should the BNP Paribas Group fail to implement its strategic objectives or to achieve its published financial objectives, or should its results not follow stated expected trends, the trading price of its securities could be adversely affected.**

In connection with the publication of its results for the year ended 31 December 2021, the BNP Paribas Group announced a strategic plan for the 2022-2025 period. The plan includes financial and operational objectives. When it published its results for the year ended 31 December 2022, the Group raised its objectives for 2025. The BNP Paribas Group's actual results could vary significantly from these trends for a number of reasons, including the occurrence of one or more of the risk factors described elsewhere in this section, in particular as a result of macroeconomic developments such as inflation, the invasion of Ukraine and the residual consequences of the health crisis which have had and could continue to have major repercussions on the economic outlook and cause financial market disruptions. If the BNP Paribas Group's results do not follow these trends, its financial condition and the value of its securities, as well as its financing costs, could be affected.

Additionally, the Group is pursuing an ambitious corporate social responsibility (CSR) policy and is committed to making a positive impact on society with concrete achievements. In 2021, BNP Paribas strengthened its commitment to a sustainable economy and accelerated decarbonisation strategies, with the signing of the Net Zero Banking Alliance, the Net Zero Asset Owner Alliance, and the Net Zero Asset Manager initiative. The Group is thus taking strong positions, as a founding member of the United Nations Principles for Responsible Banking, which commits it to align its strategy with the Paris Agreement and the Sustainable Development Goals (SDGs). As part of the Group's 2022-2025 strategic plan, it aims to mobilise EUR 350 billion in ESG-related loans and bond issuances (loans to companies, institutions and individuals covering environmental and social issues and annual sustainable bonds issuances) and to have EUR 300 billion in sustainable responsible investments under management by 2025 (BNP Paribas Asset Management European open funds classified open Articles 8 and 9 as defined by SFDR). In addition, in 2019, as part of the fight against climate change, the BNP Paribas Group made new commitments to reduce its exposure to thermal coal to zero by 2030 in the OECD and by 2040 for the rest of the world. At the end of 2022, the BNP Paribas Group published its first climate alignment report and its targets for reducing carbon emission intensity by 2025 and is taking the necessary measures to align its credit portfolios with its carbon neutrality commitments. Finally, in January 2023, the Group strengthened its social commitment policy and is working alongside its clients as part of a global approach to the transition to a sustainable, low-carbon economy. Building on the expertise developed through the Low Carbon Transition Group, the Group announced new objectives that will result in an acceleration in the financing of low-carbon energy production and a reduction in the financing of fossil fuel production by 2030. If the Group fails to meet these targets, which depend in part on factors beyond its control, its reputation could be affected.

### **7.2 The BNP Paribas Group may experience difficulties integrating businesses following acquisition transactions and may be unable to realise the benefits expected from such transactions.**

The BNP Paribas Group engages in acquisition and combination transactions on a regular basis. The BNP Paribas Group's most recent major such transactions were the integration of Deutsche Bank's *Prime Brokerage & Electronic Execution* platform in 2019, the acquisition of 100% of Exane, previously 50% owned by BNP Paribas, finalised on 13 July 2021, and the acquisition of 100% of Floa, a subsidiary of Casino and Crédit Mutuel Alliance Fédérale (via the Banque Fédérative du Crédit Mutuel – BFCM) and one of the French leaders

in innovative payments, finalised on 1 February 2022. These operational integration activities resulted, in 2022, in restructuring costs of EUR 188 million. Successful integration and the realisation of synergies require, among other things, proper coordination of business development and marketing efforts, retention of key members of management, policies for effective recruitment and training as well as the ability to adapt information and computer systems. Any difficulties encountered in combining operations could result in higher integration costs and lower savings or revenues than expected. There will accordingly be uncertainty as to the extent to which anticipated synergies will be achieved and the timing of their realisation. Moreover, the integration of the BNP Paribas Group's existing operations with those of the acquired operations could interfere with its respective businesses and divert management's attention from other aspects of the BNP Paribas Group's business, which could have a negative impact on the BNP Paribas Group's business and results. In some cases, moreover, disputes relating to acquisitions may have an adverse impact on the integration process or have other adverse consequences, including financial ones.

Although the BNP Paribas Group undertakes an in-depth analysis of the companies it plans to acquire, such analyses often cannot be complete or exhaustive. In the event that the BNP Paribas Group is unable to conduct comprehensive due diligence prior to an acquisition, it may acquire doubtful or troubled assets or businesses that may be unprofitable or have certain potential risks that only materialise after the acquisition. The acquisition of an unprofitable business or a business with materialised risks may have a significant adverse effect on the BNP Paribas Group's overall profitability and may increase its liabilities.

### **7.3 The BNP Paribas Group's current environment may be affected by the intense competition amongst banking and non-banking operators, which could adversely affect the BNP Paribas Group's revenues and profitability.**

Competition is intense in all of the BNP Paribas Group's primary business areas in France and the other countries in which it conducts a substantial portion of its business, including other European countries and the United States. Competition in the banking industry could intensify as a result of consolidation in the financial services area, as a result of the presence of new players in the payment and the financing services area or the development of crowdfunding platforms, as well as the continuing evolution of consumer habits in the banking sector. While the BNP Paribas Group has launched initiatives in these areas, such as the debut of Hello bank! and its acquisition of Nickel or Floa, competitors subject to less extensive regulatory requirements or to less strict capital requirements (e.g. debt funds, shadow banks), or benefiting from economies of scale, data synergies, technological innovation (e.g. internet and mobile operators, digital platforms, fintechs), or free access to customer financial data could be more competitive by offering lower prices and more innovative services to address the new needs of consumers. New technologies that facilitate or transform transaction processes and payment systems, such as blockchain technologies and related services, or that could significantly impact the fundamental mechanisms of the banking system, such as central bank digital currencies, have been developed in recent years or could be developed in the near future. While it is difficult to predict the effects of these developments and the regulations that apply to them, the use of such technology could nevertheless reduce the market share of banks, including the BNP Paribas Group, secure investments that otherwise would have used technology used by more established financial institutions, such as the BNP Paribas Group or, more broadly, lead to the emergence of a different monetary system in which the attractiveness of using established financial institutions such as the BNP Paribas Group would be affected. If such developments continue to gain momentum, particularly with the support of governments and central banks, if the BNP Paribas Group is unable to respond to the competitive environment in France or in its other major markets by offering more attractive, innovative and profitable product and service solutions than those offered by current competitors or new entrants or if some of these activities were to be carried out by institutions other than banks, it may lose market share in key areas of its business or incur losses on some or all of its activities. In addition, downturns in the economies of its principal markets could add to the competitive pressure, through, for example, increased price pressure and lower business volumes for the BNP Paribas Group and its competitors. It is also possible that the imposition of more stringent requirements (particularly capital requirements and business restrictions) on large or systemically significant financial institutions that new players may not be subject to could lead to distortions in competition in a manner adverse to large private-sector institutions such as the BNP Paribas Group.

#### **7.4 The BNP Paribas Group could experience business disruption and losses due to risks related to environmental, social and governance (“ESG”) issues, particularly relating to climate change, such as transition risks, physical risks or liability risks.**

The BNP Paribas Group is exposed to risks related to climate change, either directly through its own operations or indirectly through its financing and investment activities. There are two main types of risks related to climate change: (i) transition risks, which result from changes in the behaviour of economic and financial actors in response to the implementation of energy policies or technological changes for a transition to a low-carbon economy; and (ii) physical risks, which result from the direct impact of climate change on people and property through extreme weather events or long-term risks such as rising water levels or increasing temperatures. Physical risk can spread throughout the value chain of the BNP Paribas Group's clients, which can lead to a payment default and thus generate financial losses, while the process of reducing emissions is likely to have a significant impact on all sectors of the economy by affecting the value of financial assets and corporate profits.

In addition, liability risks may flow from both categories of risk. They correspond to the financial compensation that can be claimed by individuals, companies, governments or non-governmental organizations (NGOs) that may be affected by climate change events, activities or effects and who would seek to hold actors in the financial sector accountable for financing, facilitating or otherwise contributing to such events, activities, or effects. In recent years, activism by shareholders, activist funds, NGOs and others, particularly on ESG issues, has been directed against many public companies. These initiatives include requiring companies to disclose material information about their ESG-related actions and commitments and, in some cases, seeking to force them to make strategic and business changes. In some jurisdictions, financial sector actors may also face legal action from individuals, companies, governments or NGOs, groups or private persons. For example, on 26 October 2022, the BNP Paribas Group was served by three NGOs with a formal notice to comply with the duty of care imposed by the French Commercial Code; the Group replied by letter dated 24 January 2023. The NGOs may nevertheless decide to take legal action against the Group.

Policy and regulatory initiatives and frameworks, including at the French, European Union and international levels, concerning climate change and sustainability, as well as voluntary and joint commitments through industry alliances, create increasing legal, regulatory and reputational risks. The ESG regulatory framework is constantly changing, evolving and continuing to evolve rapidly. It includes, among other things, requirements in terms of disclosure and the integration of climate risks into risk measurement and management systems, as well as a general duty of care (see section 6.1 *Laws and regulations adopted in recent years, as well as current and future legislative and regulatory developments, may significantly impact the BNP Paribas Group and the financial and economic environment in which it operates*). These initiatives and frameworks overlap in some respects and are not always consistent in their objectives, resulting in regulatory complexity and, in some cases, a lack of clarity and difficulty in interpretation. Non-compliance by the Group in its business and disclosure with these and other regulatory requirements, as well as any other regulations concerning the transition to a lower carbon economy, climate change, sustainability or energy-related investments, could have a negative impact on its business, the value of its investments and its reputation.

BNP Paribas is progressively integrating the assessment of these risks into its risk management system. The Group monitors these risks in the conduct of its business, in the conduct of its counterparties' business, and in its investments on its own behalf and on behalf of third parties. In this respect, the specific credit policies and the General Credit Policy have been enhanced as from 2012 and 2014, respectively, with the addition of clauses relating to social and environmental responsibility. In addition, the development of regulatory requirements in this area could lead to an increase in litigation against financial institutions in relation to climate change and other related issues. The Group could thus be held liable for transaction execution failings such as inadequate assessment of the environmental, social and governance criteria of certain financial products.

In addition, sector-specific policies and policies excluding certain environmental, social and governance (ESG) sectors from financing have also been put in place and the BNP Paribas Group will have to adapt its activities and the selection of its counterparties appropriately in order to achieve its strategic objectives (see section 7.1 *Should the BNP Paribas Group fail to implement its strategic objectives or to achieve its published financial objectives, or should its results not follow stated expected trends, the trading price of its securities could be adversely affected*).

Despite the actions taken by the BNP Paribas Group to monitor risks and combat climate change, the physical, transitional or liability risks related to climate change, or any delay or failure to implement them, could have a material adverse effect on the Group's business, financial condition, or reputation.

**7.5 Changes in certain holdings in credit or financial institutions could have an impact on the BNP Paribas Group's financial position.**

Certain classes of assets may carry a high risk-weight of 250%. These assets include: credit or financial institutions consolidated under the equity method within the prudential scope (excluding insurance); significant financial interest in credit or financial institutions in which the BNP Paribas Group holds a stake of more than 10%; and deferred tax assets that rely on future profitability and arise from temporary differences.

The risk-weighted assets carrying a risk-weight of 250% amounted to EUR 20 billion at 31 December 2022, or 3% of the total risk-weighted assets of the BNP Paribas Group. If the BNP Paribas Group increases the amount of heavy risk-weighted assets (either by increasing the proportion of such heavy risk-weighted assets in its overall asset portfolio or due to an increase of the regulatory risk-weighting applicable to these assets), its capital adequacy ratios may be lowered."

## DOCUMENTS INCORPORATED BY REFERENCE

On 1 December 2022, BNPP filed with the AMF the seventh *Amendement au Document d'Enregistrement Universel au 31 décembre 2021* in English, which, other than the sections entitled "Person Responsible for the Universal Registration Document" and the "Table of Concordance", by virtue of this Fourth Supplement, is incorporated in, and forms part of, the Base Prospectus.

On 8 February 2023, BNPP filed with the AMF its unaudited consolidated financial statements (in English) for the year ended 31 December 2022, which, by virtue of this Fourth Supplement, is incorporated in, and forms part of, the Base Prospectus.

On 7 February 2023, BNPP published a press release relating to the unaudited financial information of BNPP for the fourth quarter ended 31 December 2022 and the unaudited figures for the year ended 31 December 2022, which, by virtue of this Fourth Supplement, is incorporated in, and forms part of, the Base Prospectus.

The "**DOCUMENTS INCORPORATED BY REFERENCE**" section on pages 117 to 133 of the Base Prospectus (which was amended by virtue of the First Supplement and the Third Supplement) is amended as follows:

- (a) the word "and" at the end of paragraph (j) (which was added to the Base Prospectus by virtue of the Third Supplement) is deleted;
- (b) the "," at the end of paragraph (k) (which was added to the Base Prospectus by virtue of the Third Supplement) is deleted and replaced with ";";
- (c) the following paragraphs (l), (m) and (n) are added under paragraph (k):
  - "(l) the seventh *Amendement au Document d'Enregistrement Universel au 31 décembre 2021* (in English), other than the sections entitled "Person Responsible for the Universal Registration Document" and the "Table of Concordance", with filing number D.22-0156-A07 (the "**Seventh Amendment to the BNPP 2021 Universal Registration Document (in English)**")";
  - (m) BNPP's unaudited consolidated financial statements (in English) for the year ended 31 December 2022 (the "**2022 BNPP Unaudited Financial Statements**")"; and
  - (n) the press release dated 7 February 2023 relating to the unaudited financial information of BNP Paribas for the fourth quarter ended 31 December 2022 and the unaudited figures for the year ended 31 December 2022 (the "**7 February 2023 Press Release**"),"; and
- (d) the table entitled "**BNP PARIBAS**" on pages 128 to 131 of the Base Prospectus (which was amended by virtue of the Third Supplement) is deleted and replaced with the table on the following page:

**"BNP PARIBAS**

Information incorporated by reference <i>Headings as listed by Annex 1 of the Commission Delegated Regulation (EU) 2019/980</i>	Page Reference							
	BNPP 2021 Universal Registration Document (in English) - <a href="https://invest.bnpparibas/en/groupe-de-document/universal-registration-document-and-annual-financial-report-2021">https://invest.bnpparibas/en/groupe-de-document/universal-registration-document-and-annual-financial-report-2021</a>	First Amendment to the BNPP 2021 Universal Registration Document (in English) – <a href="https://invest.bnpparibas/en/document/1st-amendment-to-the-2021-universal-registration-document">https://invest.bnpparibas/en/document/1st-amendment-to-the-2021-universal-registration-document</a>	Second Amendment to the BNPP 2021 Universal Registration Document (in English) – <a href="https://invest.bnpparibas/en/document/2nd-amendment-to-the-2021-universal-registration-document">https://invest.bnpparibas/en/document/2nd-amendment-to-the-2021-universal-registration-document</a>	Third Amendment to the BNPP 2021 Universal Registration Document (in English) – <a href="https://invest.bnpparibas/en/document/3rd-amendment-to-the-2021-universal-registration-document">https://invest.bnpparibas/en/document/3rd-amendment-to-the-2021-universal-registration-document</a>	Fourth Amendment to the BNPP 2021 Universal Registration Document (in English) – <a href="https://invest.bnpparibas/en/document/4th-amendment-to-the-2021-universal-registration-document">https://invest.bnpparibas/en/document/4th-amendment-to-the-2021-universal-registration-document</a>	Fifth Amendment to the BNPP 2021 Universal Registration Document (in English) - <a href="https://invest.bnpparibas/en/document/5th-amendment-to-the-2021-universal-registration-document">https://invest.bnpparibas/en/document/5th-amendment-to-the-2021-universal-registration-document</a>	Sixth Amendment to the BNPP 2021 Universal Registration Document (in English) – <a href="https://invest.bnpparibas/en/document/6th-amendment-to-the-2021-universal-registration-document">https://invest.bnpparibas/en/document/6th-amendment-to-the-2021-universal-registration-document</a>	Seventh Amendment to the BNPP 2021 Universal Registration Document (in English) – <a href="https://invest.bnpparibas/en/document/7th-amendment-to-the-2021-universal-registration-document">https://invest.bnpparibas/en/document/7th-amendment-to-the-2021-universal-registration-document</a>
<b>2. Statutory auditors</b>	686	136	5	236; 241	203	5	119	5
<b>3. Risk factors</b>	309-323	92-108	N/A	217-235	N/A	N/A	96-116	N/A
<b>4. Information about the Issuer</b>	4-6; 695-698	N/A	N/A	N/A	N/A	N/A	117	N/A
<b>5. Business overview</b>								

5.1	Principal activities	7-18; 218-221; 670-676	N/A	N/A	3	N/A	N/A	N/A	N/A
5.2	Principal markets	7-18; 218-221; 670-676	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5.3	History and development of the issuer	6	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5.4	Strategy and objectives	157-160; 582-583; 630-640; 650-651	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5.5	Possible dependency	668	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5.6	Basis for any statements made by the issuer regarding its competitive position	7-18; 132-148	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5.7	Investments	267; 570; 628-629; 669	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>6.</b>	<b>Organisational structure</b>								
6.1	Brief description	4; 650-651	N/A	N/A	3	N/A	N/A	N/A	N/A
6.2	List of significant subsidiaries	281-289; 562-569; 670-675	N/A	N/A	193-216	113-136	N/A	N/A	N/A
<b>7.</b>	<b>Operating and financial review</b>								

7.1	Financial situation	160; 180, 182; 532-533	3-74; 77-78	N/A	4-79	N/A	N/A	3-82	N/A
7.2	Operating results	132-148; 155-156; 163-169; 180; 219; 532	63-74	N/A	67-79	N/A	N/A	68; 70-82	N/A
<b>8.</b>	<b>Capital resources</b>								
8.1	Issuer's capital resources	184-185; 557	57; 78; 80-91	N/A	58-59; 89; 91-92; 178-181	98-101	N/A	63-64; 69; 87-90	N/A
8.2	Sources and amounts of cash flows	183	N/A	N/A	90	N/A	N/A	N/A	N/A
8.3	Borrowing requirements and funding structure	160; 482-498	18	N/A	16; 24	N/A	N/A	22; 30	N/A
<b>9.</b>	<b>Regulatory environment</b>	299; 306-308	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>10.</b>	<b>Trend information</b>								
10.1	Main recent trends	157-160; 669	110	N/A	N/A	N/A	N/A	N/A	N/A
10.2	Trends likely to have a material impact on the Issuer's outlook	157-160; 669	110	N/A	N/A	N/A	N/A	N/A	N/A
<b>11.</b>	<b>Profit forecasts or estimates</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>12.</b>	<b>Administrative, management, and supervisory</b>								



	<b>bodies, and senior management</b>								
12.1	Administrative and management bodies	35-50; 114	N/A	N/A	237-239	N/A	N/A	N/A	N/A
12.2	Administrative and management bodies' conflicts of interest	55-56; 70-71; 81-110	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>13.</b>	<b>Remuneration and benefits</b>								
13.1	Total amounts set aside or accrued by the Issuer or its subsidiaries to provide pension, retirement or similar benefits	81-110, 257-264; 277	112-132	N/A	N/A	N/A	N/A	N/A	N/A
13.2	Amount of remuneration paid and benefits in kind granted	81-110, 257-264; 277	112-132	N/A	N/A	N/A	N/A	N/A	N/A
<b>14.</b>	<b>Board practices</b>								

14.1	Date of expiry of the current terms of office	35-48	N/A	N/A	237-238	N/A	N/A	N/A	N/A
14.2	Information about members of the administrative bodies' service contracts with the Issuer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14.3	Information about the audit committee and remuneration committee	58-66	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14.4	Corporate governance regime in force in the Issuer's country of incorporation	51-58	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14.5	Potential material impacts on the corporate governance	35-48	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>15.</b>	<b>Employees</b>								

15.1	Number of employees	4; 614-615; 650; 695	N/A	N/A	3	N/A	N/A	N/A	N/A
15.2	Shareholdings and stock options	81-110; 204-205; 612-613	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15.3	Information about members of the administrative bodies' service contracts with the Issuer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>16.</b>	<b>Major shareholders</b>								

16.1	Shareholders owning more than 5% of the Issuer's capital or voting rights	19; 20	N/A	N/A	236	N/A	N/A	N/A	N/A
16.2	Existence of different voting rights	19	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16.3	Control of the Issuer	19; 20	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16.4	Description of any arrangements, known to the Issuer, the operation of which may at a subsequent date result in a change of control of the Issuer	20	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17.	<b>Related party transactions</b>	81-110; 278-279; 682-683	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18.	<b>Financial information concerning the Issuer's assets and liabilities, financial position, and profits and losses</b>								

18.1	Historical financial information	5; 23; 132-290; 532-570	63-74; 77; 78	N/A	4-79; 83-216	3-136	N/A	68-82	N/A
18.2	Interim and other financial information	N/A	63-74; 77; 78	N/A	4-79; 83-216	3-136	N/A	68-82	N/A
18.3	Auditing of historical annual financial information	291-296; 571-576	N/A	N/A	N/A	137-138	N/A	N/A	N/A
18.4	Pro forma financial information	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18.5	Dividend policy	23; 26-27; 133; 158; 160; 560	N/A	N/A	20	N/A	N/A	N/A	N/A
18.6	Legal and arbitration proceedings	266-267	110; 111	N/A	182-183	102-103	N/A	117-118	N/A
18.7	Significant change in the Issuer's financial or trading position	669	110	N/A	240	202	4	118	4
<b>19.</b>	<b>Additional information</b>								

19.1	Share capital	19; 264-266; 551-553; 677; 702	N/A	N/A	178	98	N/A	N/A	N/A
19.2	Memorandum and articles of association	677-682	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>20.</b>	<b>Material contracts</b>	668	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>21.</b>	<b>Documents on display</b>	668	110	4	239	202	4	117	4"; and

- (e) the following table is inserted immediately following the table entitled "**BNP PARIBAS**" on pages 128 to 131 of the Base Prospectus (which was amended by virtue of the Third Supplement):

<b>"2022 BNPP Unaudited Financial Statements"</b>	
<a href="https://invest.bnpparibas/en/document/4q22-cfsu">https://invest.bnpparibas/en/document/4q22-cfsu</a>	
<b>Consolidated Financial Statements</b>	Pages 4 to 9 of the 2022 BNPP Unaudited Financial Statements
<b>Notes to the Financial Statements</b>	Pages 10 to 158 of the 2022 BNPP Unaudited Financial Statements
<b>7 February 2023 Press Release</b>	
<a href="https://cdn-group.bnpparibas.com/uploads/file/PR_BNPP_Results_4Q-2022_EN.pdf">https://cdn-group.bnpparibas.com/uploads/file/PR_BNPP_Results_4Q-2022_EN.pdf</a>	
Press release relating to the unaudited financial information of BNP Paribas for the fourth quarter ended 31 December 2022 and the unaudited figures for the year ended 31 December 2022	Pages 1 to 40 of the 7 February 2023 Press Release".

- (f) in the last paragraph on page 133 of the Base Prospectus, the second sentence is deleted and replaced with the following:

"Each of the documents incorporated by reference in (c) to (n) above will only be made available by the relevant Issuer or the Guarantor (if applicable) to which such document relates."

## AMENDMENTS TO THE GENERAL INFORMATION SECTION

The "GENERAL INFORMATION" section on pages 1444 to 1453 of the Base Prospectus is amended as follows:

- (a) the first paragraph under the heading "7. Significant Change" on page 1445 of the Base Prospectus (which was amended by virtue of the Third Supplement) is deleted and replaced with the following:

"Except as disclosed in this Base Prospectus (including the documents incorporated by reference), there has been no significant change in the financial performance or position of BNPP or the Group since 31 December 2022 (being the end of the last financial period for which financial information has been published).";

- (b) the table and the notes thereto under the heading "18. Capitalization and Medium and Long Term Debt Indebtedness over one year of BNPP and the BNP Paribas Group" on pages 1450 to 1453 of the Base Prospectus (which were amended by virtue of the Third Supplement) are deleted and replaced with the following:

"The following table<sup>1</sup> sets forth the consolidated capitalization and medium to long term indebtedness (i.e. of which the unexpired term to maturity is more than one year) of the Group as of 31 December 2022 and 31 December 2021 using the Group's prudential scope of consolidation.

The "prudential scope of consolidation", as defined in EU Regulation No. 575/2013 on capital requirements for credit institutions and investment firms is used by the Group in the preparation of its "Pillar 3" disclosure set out in Chapter 5 of the BNPP 2021 Universal Registration Document (in English). It differs from the "accounting scope of consolidation" used by the Group in the preparation of its consolidated financial statements under IFRS as adopted by the European Union. The principal differences between the two scopes of consolidation are summarised in note 1 to the table below.

Except as set forth in this section, there has been no material change in the capitalisation of the Group since 31 December 2022.

For the avoidance of doubt, the figures in the table below are derived from the Group's unaudited consolidated financial statements as of and for the year ended 31 December 2022 and the Group's audited consolidated financial statements as of and for the year ended 31 December 2021 (which do not include prudential deductions), and are used for the purposes of the Group's prudential capital calculations.

	<b><u>As of</u></b> <b><u>31 December</u></b> <b><u>2022</u></b>	<b><u>As of</u></b> <b><u>31 December</u></b> <b><u>2021</u></b>
<i>(in millions of euros)</i>		
<b>Medium- and Long-Term Debt (of which the unexpired term to maturity is more than one year)<sup>2</sup></b>		
<i>Senior preferred debt at fair value through profit or loss ...</i>	41,705	40,555
<i>Senior preferred debt at amortized cost.....</i>	14,253	25,241
<b>Total Senior Preferred Debt.....</b>	<b>55,958</b>	<b>65,796</b>
<i>Senior non preferred debt at fair value through profit or loss</i>	3,575	3,933
<i>Senior non preferred debt at amortized cost.....</i>	61,571	62,536
<b>Total Senior Non Preferred Debt.....</b>	<b>65,146</b>	<b>66,469</b>
 <i>Redeemable subordinated debt at amortized cost .....</i>	 21,238	 21,444
<i>Undated subordinated notes at amortized cost<sup>3</sup> .....</i>	509	494
<i>Undated participating subordinated notes at amortized cost<sup>4</sup></i>	225	225



Redeemable subordinated debt at fair value through profit or loss .....	16	25
Perpetual subordinated notes at fair value through profit or loss <sup>5</sup> .....	658	906
Preferred shares and equivalent instruments <sup>6</sup> .....	11,800	9,207
<b>Total Subordinated Debt</b> .....	<b>34,447</b>	<b>32,301</b>
Issued capital <sup>7</sup> .....	2,469	2,469
Additional paid-in capital .....	23,721	23,878
Retained earnings .....	84,591	77,587
Unrealized or deferred gains and losses attributable to Shareholders .....	- 3,553	216
<b>Total Shareholders' Equity and Equivalents (net of proposed dividends)</b> .....	<b>107,228</b>	<b>104,150</b>
Minority interests (net of proposed dividends) .....	4,376	4,234
<b>Total Capitalization and Medium-to-Long Term Indebtedness</b> .....	<b>267,155</b>	<b>272,950</b>

(1) Prior to 30 September 2018, the Group presented its consolidated capitalisation and medium-to-long term indebtedness using the accounting scope of consolidation. Since then, the Group presents its capitalization table using the prudential scope of consolidation. As stated in Section 5.2 of the BNPP 2018 Registration Document (in English), the material differences between the prudential scope of consolidation and the accounting scope of consolidation are the following:

- insurance companies (primarily BNP Paribas Cardif and its subsidiaries) that are fully consolidated under the accounting scope of consolidation are accounted for under the equity method in the prudential scope of consolidation; and
- jointly controlled entities (mainly UCI Group entities and Bpost bank) are accounted for under the equity method in the accounting scope of consolidation and under the proportional consolidation scope in the prudential scope of consolidation.

(2) All medium- and long-term senior preferred debt of BNPP ranks equally with deposits and senior to the category of senior non-preferred debt first issued by BNPP in January 2017. The subordinated debt of BNPP is subordinated to all of its senior debt (including both senior preferred and senior non-preferred debt). The Issuer and its subsidiaries issue medium- to long-term debt on a continuous basis, particularly through private placements in France and abroad.

Euro against foreign currency as at 31 December 2019, CAD = 1.457, GBP = 0.847, CHF = 1.085, HKD = 8.732, JPY = 121.903, USD = 1.122.

Euro against foreign currency as at 31 December 2020, CAD = 1.555, GBP = 0.893, CHF = 1.082, HKD = 9.465, JPY = 126.099, USD = 1.221.

Euro against foreign currency as at 31 December 2021, CAD = 1.439, GBP = 0.841, CHF = 1.038, HKD = 8.875, JPY = 131.009, USD = 1.138.

Euro against foreign currency as at 31 December 2022, CAD = 1.448, GBP = 0.887, CHF = 0.989, HKD = 8.343, JPY = 140.158, USD = 1.070.

(3) At 31 December 2022, the remaining subordinated debt included €509 million of undated floating-rate subordinated notes ("TSDIs").

(4) Undated participating subordinated notes issued by BNP SA in July 1984 for a total amount of €337 million are redeemable only in the event of the liquidation of BNPP, but may be redeemed in accordance with the terms specified in the French law of 3 January 1983. The number of notes outstanding as at 31 December 2022 was 1,434,092 amounting to approximately €219 million. Payment of interest is obligatory, but the Board of Directors may postpone interest payments if the Ordinary General Meeting of shareholders held to approve the financial statements notes that there is no income available for distribution. Additionally, as at 31 December 2022, there were 28,689 undated participating subordinated notes issued by Fortis Banque France (amounting to approximately €4 million) and 6,773 undated participating subordinated notes issued by Banque de Bretagne (amounting to approximately €2 million) outstanding; both entities have since been merged into BNPP.

- (5) Subordinated debt corresponds to an issue of Convertible And Subordinated Hybrid Equity-linked Securities ("**CASHES**") made by Fortis Bank SA/NV (now acting in Belgium under the commercial name BNP Paribas Fortis) in December 2007, in an initial nominal amount of €3 billion, reduced as of 31 December 2022 to an outstanding nominal amount of €832 million corresponding to a market value of €658 million as of such date. They bear interest at a floating rate equal to three-month EURIBOR plus a margin equal to 2% paid quarterly in arrears. The CASHES are undated but may be exchanged for Ageas (previously Fortis SA/NV) shares at the holder's sole discretion at a price per Ageas share of €239.40. However, as of 19 December 2014, the CASHES are subject to automatic exchange into Ageas shares if the price of Ageas shares is equal to or higher than €359.10 for twenty consecutive trading days. The principal amount will never be redeemed in cash. The rights of CASHES holders are limited to the Ageas shares held by BNP Paribas Fortis and pledged to them.

Ageas and BNP Paribas Fortis have entered into a Relative Performance Note ("**RPN**") contract, the value of which varies contractually so as to offset the impact on BNP Paribas Fortis of the relative difference between changes in the value of the CASHES and changes in the value of the Ageas shares.

On 7 May 2015, BNPP and Ageas reached an agreement which allows BNPP to purchase outstanding CASHES subject to the condition that these are converted into Ageas shares, leading to a proportional settlement of the RPN. The agreement between Ageas and BNPP expired on 31 December 2016 and has not been renewed.

On 24 July 2015, BNPP obtained a prior agreement from the European Central Bank permitting it to purchase outstanding CASHES up to a nominal amount of €200 million. In 2016, BNPP used such agreement to purchase €164 million outstanding CASHES, converted into Ageas shares.

On 8 July 2016, BNPP obtained a new agreement from the European Central Bank which superseded the prior agreement permitting it to purchase outstanding CASHES up to a nominal amount of €200 million. BNPP requested the cancellation of this agreement from the European Central Bank and the European Central Bank approved such cancellation in August 2017.

Since 1 January 2022, the subordinated liability have been no longer eligible to Tier 1 capital (considering both the transitional period and the cancellation of the aforementioned agreement).

- (6) Consists of numerous issuances by BNP Paribas in various currencies (i) over the 2005-2009 period, of undated deeply subordinated non-cumulative notes and (ii) since 2015, of perpetual fixed rate resettable additional tier 1 notes. The details of the debt instruments recognized as capital, as well as their characteristics, as required by implementing Regulation No. 1423/2013, are available in the BNP Paribas Debt section of the Issuer's investor relations website at [www.invest.bnpparibas.com](http://www.invest.bnpparibas.com).
- (7) At December 31, 2022, the Issuer's share capital stood at €2,468,663,292 divided into 1,234,331,646 shares with a par value of €2 each.

- (c) the paragraph under the heading "19. Events impacting the solvency of BNPP" on page 1453 of the Base Prospectus (which was amended by virtue of the Third Supplement) is deleted and replaced with the following:

"To the best of BNPP's knowledge, there have not been any recent events which are to a material extent relevant to the evaluation of BNPP's solvency since 31 December 2022."; and

- (d) by the insertion of the following sub-section immediately beneath the sub-section "19. Events impacting the solvency of BNPP" on page 1453 of the Base Prospectus:

"20. Declaration concerning the unaudited results of BNP Paribas for the periods ending 31 December 2022

The statutory auditors have audited the financial statements of BNP Paribas for the years ended 31 December 2020 and 31 December 2021. They have also reviewed the condensed interim consolidated financial statements of BNP Paribas as of and for the six month period ended 30 June 2022. The French statutory auditors carry out their engagements in accordance with professional standards applicable in France.

The board of directors examined the Group's results for the fourth quarter of 2022 and endorsed the 2022 financial statements, in relation to the 2022 BNPP Unaudited Financial Statements published on 7 February 2023. This financial information has not been audited yet."

## **RESPONSIBILITY STATEMENT**

I hereby certify on behalf of BNPP and BNPP B.V. that, to the best of my knowledge, the information contained in this Fourth Supplement is in accordance with the facts and contains no omission likely to affect its import.

BNP Paribas  
16 boulevard des Italiens  
75009 Paris  
France

Represented by Lars Machenil  
in his capacity as Chief Financial Officer

Dated 22 February 2023



This Fourth Supplement has been approved by the AMF, in its capacity as competent authority under Regulation (EU) 2017/1129. The AMF has approved this Fourth Supplement after having verified that the information it contains is complete, coherent and comprehensible within the meaning of Regulation (EU) 2017/1129.

This approval is not a favourable opinion on the Issuers (or the Guarantor, if applicable) and on the quality of the Securities described in the Base Prospectus (as amended by the Previous Supplements and this Fourth Supplement). Investors should make their own assessment of the opportunity to invest in such Securities.

This Fourth Supplement has been approved on 22 February 2023. This Fourth Supplement obtained the following approval number: n°23-048.

**Fifth Supplement dated 11 April 2023**  
**to the Base Prospectus for the issue of Certificates dated 1 June 2022**



**BNP Paribas Issuance B.V.**

*(incorporated in The Netherlands)*

*(as Issuer)*

**BNP Paribas**

*(incorporated in France)*

*(as Issuer and Guarantor)*

**Note, Warrant and Certificate Programme**

This fifth supplement (the "**Fifth Supplement**") is supplemental to, and should be read in conjunction with, the base prospectus dated 1 June 2022 (the "**Base Prospectus**"), the first supplement to the Base Prospectus dated 11 August 2022 (the "**First Supplement**"), the second supplement to the Base Prospectus dated 16 September 2022 (the "**Second Supplement**"), the third supplement to the Base Prospectus dated 17 November 2022 (the "**Third Supplement**") and the fourth supplement to the Base Prospectus dated 22 February 2023 (the "**Fourth Supplement**" and, together with the First Supplement, the Second Supplement and the Third Supplement, the "**Previous Supplements**"), in each case in respect of Certificates issued under the Note, Warrant and Certificate Programme (the "**Programme**") of BNP Paribas Issuance B.V. ("**BNPP B.V.**"), BNP Paribas ("**BNPP**") and BNP Paribas Fortis Funding.

The Base Prospectus and the Previous Supplements constitute a base prospectus for the purposes of Article 8 of the Prospectus Regulation. "**Prospectus Regulation**" means Regulation (EU) 2017/1129 of 14 June 2017. The Base Prospectus received approval no.22-189 on 1 June 2022, the First Supplement received approval no.22-347 on 11 August 2022, the Second Supplement received approval no.22-382 on 16 September 2022, the Third Supplement received approval no.22-451 on 17 November 2022 and the Fourth Supplement received approval no.23-048 on 22 February 2023 from the *Autorité des marchés financiers* (the "**AMF**"). Application has been made to the AMF for approval of this Fifth Supplement in its capacity as competent authority under the Prospectus Regulation.

BNPP (in respect of itself and BNPP B.V.) and BNPP B.V. (in respect of itself) accept responsibility for the information contained in this Fifth Supplement, save that BNPP B.V. accepts no responsibility for the BNPP 2022 Universal Registration Document (in English) (as defined below), the 31 March 2023 Press Release (as defined below) or the updated disclosure in respect of BNPP. To the best of the knowledge of BNPP and BNPP B.V. (who have taken all reasonable care to ensure that such is the case), the information contained herein is, subject as provided in the preceding sentence, in accordance with the facts and does not omit anything likely to affect the import of such information.

Unless the context otherwise requires, terms defined in the Base Prospectus, as amended by the Previous Supplements, shall have the same meanings when used in this Fifth Supplement.

To the extent that there is any inconsistency between (i) any statement in this Fifth Supplement and (ii) any statement in, or incorporated by reference in, the Base Prospectus, as amended by the Previous Supplements, the statement referred to in (i) above will prevail.

References in this Fifth Supplement to paragraphs of the Base Prospectus are to the Base Prospectus as amended by the Previous Supplements. References in this Fifth Supplement to page numbers in the Base Prospectus are to the page numbers in the Base Prospectus without taking into account any amendments made in the Previous Supplements.

Copies of this Fifth Supplement will be available on the website of BNP Paribas (<https://rates-globalmarkets.bnpparibas.com/gm/Public/LegalDocs.aspx>) and on the website of the AMF ([www.amf-france.org](http://www.amf-france.org)).

This Fifth Supplement has been prepared in accordance with Article 23 of the Prospectus Regulation for the purposes of giving information, which amends or is additional to the information already contained in the Base Prospectus, as amended by the Previous Supplements.

This Fifth Supplement has been prepared for the purposes of:

- (A) amending the "Risks" section;
- (B) amending the "Presentation of Financial Information" section;
- (C) incorporating by reference:
  - (a) BNPP's *Document d'Enregistrement Universel au 31 décembre 2022 et rapport financier annuel* (in English) (the "**BNPP 2022 Universal Registration Document (in English)**"); and
  - (b) the press release dated 31 March 2023 issued by BNP Paribas relating to the launch of the first tranche of the share buyback programme planned for 2023 (the "**31 March 2023 Press Release**");
- (D) amending the "Form of Final Terms for Certificates";
- (E) amending the "Terms and Conditions of the Securities";
- (F) amending "Annex 9 – Additional Terms and Conditions for Fund Securities";
- (G) amending the "Description of BNPP B.V." section;
- (H) amending the "Description of BNPP" section; and
- (I) amending the "General Information" section.

The incorporation by reference of the documents referred to in (C) above has been made to update the BNPP disclosure. The amendments referred to in (A), (B), (G), (H) and (I) above have been made to reflect the updated disclosure referred to in (C) above. The amendments referred to in (D), (E) and (F) above have been made to amend certain provisions relating to Automatic Early Redemption, Knock-in Events and Knock-out Events to include missing references to Fund Securities.

**In accordance with Article 23(2) of the Prospectus Regulation, in the case of an offer of Securities to the public, investors who have already agreed to purchase or subscribe for Securities issued under the Programme before this Fifth Supplement is published and which are affected by the amendments made in this Fifth Supplement, have the right, exercisable before the end of the period of two working days beginning with the working day after the date of publication of this Fifth Supplement to withdraw their acceptances. This right to withdraw shall expire by close of business on 14 April 2023. Investors can exercise their right to withdraw their acceptances by contacting the person from whom any such investor has agreed to purchase or subscribe for such Securities before the above deadline.**

## TABLE OF CONTENTS

	<b>Page</b>
Amendments to the Risks Section.....	5
Amendments to the Presentation of Financial Information Section.....	6
Documents Incorporated by Reference .....	7
Amendments to the Form of Final Terms for Certificates .....	13
Amendments to the Terms and Conditions of the Securities .....	14
Amendments to Annex 9 – Additional Terms and Conditions for Fund Securities .....	16
Amendments to the Description of BNPP B.V. ....	17
Amendments to the Description of BNPP .....	18
Amendments to the General Information Section .....	19
Responsibility Statement .....	20



## AMENDMENTS TO THE RISKS SECTION

The "**RISKS**" section on pages 28 to 91 of the Base Prospectus is amended as follows:

- (a) the paragraph under the heading "**Risks Relating to BNPP and its Industry**" on page 28 of the Base Prospectus (which was amended by virtue of the Previous Supplements) is entirely deleted and replaced with the following:

"Risk factors relating to BNPP are set out in "Risk Factors" under Chapter 5 on pages 315 to 330 of the BNPP 2022 Universal Registration Document (in English), which is incorporated by reference in this document. See section entitled "Documents Incorporated by Reference" of this Base Prospectus.

The following risk factors are identified as the main risk factors specific to BNPP:

1. A substantial increase in new provisions or a shortfall in the level of previously recorded provisions exposed to credit risk and counterparty risk could adversely affect the Group's results of operations and financial condition.
2. An interruption in or a breach of the Group's information systems may cause substantial losses of client or customer information, damage to the Group's reputation and result in financial losses.
3. The Group may incur significant losses on its trading and investment activities due to market fluctuations and volatility.
4. Adjustments to the carrying value of the Group's securities and derivatives portfolios and the Group's own debt could have an adverse effect on its net income and shareholders' equity.
5. The Group's access to and cost of funding could be adversely affected by a resurgence of financial crises, worsening economic conditions, rating downgrades, increases in sovereign credit spreads or other factors.
6. Adverse economic and financial conditions have in the past had and may in the future have an impact on the Group and the markets in which it operates.
7. Laws and regulations adopted in recent years, particularly in response to the global financial crisis, as well as new legislative proposals, may materially impact the Group and the financial and economic environment in which it operates.
8. The Group may incur substantial fines and other administrative and criminal penalties for non-compliance with applicable laws and regulations, and may also incur losses in related (or unrelated) litigation with private parties."

- (b) the main heading "**Risk Factors**" of the heading "**Risks Relating to the BNPP and its Industry**" and the paragraphs below on pages 28 to 49 of the Base Prospectus (which were amended by virtue of the Fourth Supplement) are entirely deleted.

## AMENDMENTS TO THE PRESENTATION OF FINANCIAL INFORMATION SECTION

The second paragraph under the heading "**PRESENTATION OF FINANCIAL INFORMATION**" on page 116 of the Base Prospectus is deleted and replaced with the following:

"The audited consolidated financial statements of BNPP for the years ended 31 December 2021 and 31 December 2022 have been prepared in accordance with International Financial Reporting Standards ("**IFRS**") as adopted by the European Union. IFRS differs in certain significant respects from generally accepted accounting principles in the United States ("**U.S. GAAP**"). The Group has made no attempt to quantify the impact of those differences. In making an investment decision, investors must rely upon their own examination of the Group, the terms of an offering and the financial information. Potential investors should consult their own professional advisors for an understanding of the differences between IFRS and U.S. GAAP, and how those differences might affect the information herein. The Group's fiscal year ends on 31 December and references in the BNPP 2021 Universal Registration Document (in English) and the BNPP 2022 Universal Registration Document (in English) and any amendment to the BNPP 2022 Universal Registration Document (in English) (in each case, as defined in "*Documents Incorporated by Reference*" below and incorporated by reference herein) to any specific fiscal year are to the 12-month period ended 31 December of such year."

## DOCUMENTS INCORPORATED BY REFERENCE

On 24 March 2023, BNPP filed with the AMF the *Document d'Enregistrement Universel au 31 décembre 2022 et rapport financier annuel* in English, including the English version of the audited financial information of BNPP as at 31 December 2022 and the audit report thereon, which, other than the sections entitled "Person Responsible for the Universal Registration Document" and the "Table of Concordance", is incorporated in, and forms part of, the Base Prospectus by virtue of this Fifth Supplement.

On 31 March 2023, BNPP published a press release relating to the launch of the first tranche of the share buyback programme planned for 2023, which, by virtue of this Fifth Supplement, is incorporated in, and forms part of, the Base Prospectus.

The "**DOCUMENTS INCORPORATED BY REFERENCE**" section on pages 117 to 133 of the Base Prospectus is amended as follows:

- (a) paragraph (d) (which was in the Base Prospectus) is deleted and replaced with the following:
  - "(d) BNPP's *Document d'Enregistrement Universel au 31 décembre 2022 et rapport financier annuel* in English, including the consolidated financial statements for the year ended 31 December 2022 and the statutory auditors' report thereon (other than the sections entitled "Persons Responsible for the Universal Registration Document" and the "Table of Concordance") with filing number D.23-0143 (the "**BNPP 2022 Universal Registration Document (in English)**")";
- (b) paragraph (f) (which was in the Base Prospectus) is deleted and replaced with the following:
  - "(f) the press release dated 31 March 2023 relating to the launch of the first tranche of the share buyback programme planned for 2023 (the "**31 March 2023 Press Release**")";
- (c) paragraphs (g), (h), (i), (j), (k), (l), (m) and (n) (which were added to the Base Prospectus by virtue of the First Supplement, the Third Supplement and the Fourth Supplement) are deleted;
- (d) the table entitled "**2022 BNPP Unaudited Financial Statements**" and the table entitled "**7 February 2023 Press Release**" (which were added to the Base Prospectus by virtue of the Fourth Supplement) are deleted; and
- (e) the table entitled "**BNP PARIBAS**" on pages 128 to 131 of the Base Prospectus (which was amended by virtue of the Fourth Supplement) is deleted and replaced with the table on the following page:

<b>"BNP PARIBAS</b>		
<b>Information incorporated by reference</b> <i>Headings as listed by Annex 1 of the Commission Delegated Regulation (EU) 2019/980</i>	<b>Page Reference</b>	
	<b>BNPP 2021 Universal Registration Document (in English) -</b> <a href="https://invest.bnpparibas/en/groupe-de-document/universal-registration-document-and-annual-financial-report-2021">https://invest.bnpparibas/en/groupe-de-document/universal-registration-document-and-annual-financial-report-2021</a>	<b>BNPP 2022 Universal Registration Document (in English) -</b> <a href="https://invest.bnpparibas/en/document/universal-registration-document-2022">https://invest.bnpparibas/en/document/universal-registration-document-2022</a>
<b>2. Statutory auditors</b>	686	742
<b>3. Risk factors</b>	309-323	315-330
<b>4. Information about the Issuer</b>	4-6; 695-698	4-6; 751-753
<b>5. Business overview</b>		
<b>5.1 Principal activities</b>	7-18; 218-221; 670-676	7-19; 223-226; 726-732
<b>5.2 Principal markets</b>	7-18; 218-221; 670-676	7-19; 223-226; 726-732
<b>5.3 History and development of the issuer</b>	6	6
<b>5.4 Strategy and objectives</b>	157-160; 582-583; 630-640; 650-651	153-156; 626-627; 686-687; 703
<b>5.5 Possible dependency</b>	668	724
<b>5.6 Basis for any statements made by the issuer regarding its competitive position</b>	7-18; 132-148	7-19; 128-144
<b>5.7 Investments</b>	267; 570; 628-629; 669	274-275; 612; 672-673; 725
<b>6. Organisational structure</b>		
<b>6.1 Brief description</b>	4; 650-651	4; 686-687
<b>6.2 List of significant subsidiaries</b>	281-289; 562-569; 670-675	287-295; 604-611; 726-731
<b>7. Operating and financial review</b>		

<b>7.1</b>	<b>Financial situation</b>	160; 180, 182; 532-533	156; 176; 178; 574-575
<b>7.2</b>	<b>Operating results</b>	132-148; 155-156; 163-169; 180; 219; 532	128-144; 151-152; 159-165; 176; 224; 574
<b>8.</b>	<b>Capital resources</b>		
<b>8.1</b>	<b>Issuer's capital resources</b>	184-185; 557	180-181; 599
<b>8.2</b>	<b>Sources and amounts of cash flows</b>	183	179
<b>8.3</b>	<b>Borrowing requirements and funding structure</b>	160; 482-498	156; 502-519
<b>9.</b>	<b>Regulatory environment</b>	299; 306-308	305; 313-314
<b>10.</b>	<b>Trend information</b>		
<b>10.1</b>	<b>Main recent trends</b>	157-160; 669	153-156; 725
<b>10.2</b>	<b>Trends likely to have a material impact on the Issuer's outlook</b>	157-160; 669	153-156; 725
<b>11.</b>	<b>Profit forecasts or estimates</b>	N/A	N/A
<b>12.</b>	<b>Administrative, management, and supervisory bodies, and senior management</b>		
<b>12.1</b>	<b>Administrative and management bodies</b>	35-50; 114	35-48; 110
<b>12.2</b>	<b>Administrative and management bodies' conflicts of interest</b>	55-56; 70-71; 81-110	53-54; 67-68; 78-106
<b>13.</b>	<b>Remuneration and benefits</b>		
<b>13.1</b>	<b>Total amounts set aside or accrued by the Issuer or its subsidiaries to provide pension, retirement or similar benefits</b>	81-110, 257-264; 277	78-106; 262-270; 283-284
<b>13.2</b>	<b>Amount of remuneration paid and benefits in kind granted</b>	81-110, 257-264; 277	78-106; 262-270; 283-284
<b>14.</b>	<b>Board practices</b>		

<b>14.1</b>	<b>Date of expiry of the current terms of office</b>	35-48	35-47
<b>14.2</b>	<b>Information about members of the administrative bodies' service contracts with the Issuer</b>	N/A	N/A
<b>14.3</b>	<b>Information about the audit committee and remuneration committee</b>	58-66	56-63
<b>14.4</b>	<b>Corporate governance regime in force in the Issuer's country of incorporation</b>	51-58	49-56
<b>14.5</b>	<b>Potential material impacts on the corporate governance</b>	35-48	35-47
<b>15.</b>	<b>Employees</b>		
<b>15.1</b>	<b>Number of employees</b>	4; 614-615; 650; 695	4; 653-654; 686
<b>15.2</b>	<b>Shareholdings and stock options</b>	81-110; 204-205; 612-613	78-106; 208-209; 660-661
<b>15.3</b>	<b>Information about members of the administrative bodies' service contracts with the Issuer</b>	N/A	N/A
<b>16.</b>	<b>Major shareholders</b>		
<b>16.1</b>	<b>Shareholders owning more than 5% of the Issuer's capital or voting rights</b>	19; 20	20-21
<b>16.2</b>	<b>Existence of different voting rights</b>	19	20
<b>16.3</b>	<b>Control of the Issuer</b>	19; 20	20-21
<b>16.4</b>	<b>Description of any arrangements, known to the Issuer, the operation of which may at a subsequent date result in a change of control of the Issuer</b>	20	21
<b>17.</b>	<b>Related party transactions</b>	81-110; 278-279; 682-683	78-106; 284-285; 738-739
<b>18.</b>	<b>Financial information concerning the Issuer's assets and liabilities, financial position, and profits and losses</b>		

<b>18.1</b>	<b>Historical financial information</b>	5; 23; 132-290; 532-570	5; 24; 128-296; 574-612
<b>18.2</b>	<b>Interim and other financial information</b>	N/A	N/A
<b>18.3</b>	<b>Auditing of historical annual financial information</b>	291-296; 571-576	297-302; 613-618
<b>18.4</b>	<b>Pro forma financial information</b>	N/A	N/A
<b>18.5</b>	<b>Dividend policy</b>	23; 26-27; 133; 158; 160; 560	24; 27-28; 156; 602
<b>18.6</b>	<b>Legal and arbitration proceedings</b>	266-267	273-274
<b>18.7</b>	<b>Significant change in the Issuer's financial or trading position</b>	669	725
<b>19.</b>	<b>Additional information</b>		
<b>19.1</b>	<b>Share capital</b>	19; 264-266; 551-553; 677; 702	20; 271-273; 593-595; 733; 760
<b>19.2</b>	<b>Memorandum and articles of association</b>	677-682	733-738
<b>20.</b>	<b>Material contracts</b>	668	724
<b>21.</b>	<b>Documents on display</b>	668	724

- (f) the following table is inserted immediately following the table entitled "**BNP PARIBAS**" on pages 128 to 131 of the Base Prospectus:

<b><i>"31 March 2023 Press Release"</i></b>	
<a href="https://invest.bnpparibas/en/document/bnp-paribas-launches-the-first-tranche-of-the-share-buyback-programme-planned-for-2023">https://invest.bnpparibas/en/document/bnp-paribas-launches-the-first-tranche-of-the-share-buyback-programme-planned-for-2023</a>	
Press release dated 31 March 2023 relating to the launch of the first tranche of the share buyback programme planned for 2023	Pages 1 to 3 of the 31 March 2023 Press Release".



## AMENDMENTS TO THE FORM OF FINAL TERMS FOR CERTIFICATES

*In relation to the amendments to the "Form of Final Terms for Certificates" set out below, text which, by virtue of this Fifth Supplement is added thereto is shown underlined.*

The "**FORM OF FINAL TERMS FOR CERTIFICATES**" on pages 216 to 350 of the Base Prospectus is amended as follows:

- (a) footnote 65 to item "**40. Knock-in Event**" of the Form of Final Terms for Certificates on page 268 of the Base Prospectus is amended as follows:

"<sup>65</sup> Only applicable in relation to Index Securities, Share Securities, ETI Securities, Commodity Securities, Currency Securities, Debt Securities, Fund Securities and Futures Securities.";

- (b) footnote 66 to item "**41. Knock-out Event**" of the Form of Final Terms for Certificates on page 269 of the Base Prospectus is amended as follows:

"<sup>66</sup> Only applicable in relation to Index Securities, Share Securities, ETI Securities, Commodity Securities, Currency Securities, Debt Securities, Fund Securities and Futures Securities."; and

- (c) footnote 81 to sub-item "(u) [Automatic Early Redemption]" under item "**42. EXERCISE, VALUATION AND REDEMPTION**" on page 307 of the Base Prospectus is amended as follows:

"<sup>81</sup> Only applicable in relation to Index Securities, Share Securities, ETI Securities, Commodity Securities, Currency Securities, Futures Securities, Fund Securities and, in the case of FI Underlying Automatic Early Redemption, Currency Securities and Underlying Interest Rate Securities. In respect of OET Certificates, refer to § 37(h) above.".

## AMENDMENTS TO THE TERMS AND CONDITIONS OF THE SECURITIES

*In relation to the amendments to the "Terms and Conditions of the Securities" set out below, text which, by virtue of this Fifth Supplement is added thereto is shown underlined.*

The "**TERMS AND CONDITIONS OF THE SECURITIES**" on pages 351 to 520 of the Base Prospectus is amended as follows:

- (a) the definition of "**Relevant Adjustment Provisions**" under Condition 16.7 (*Knock-in Event and Knock-out Event – Definitions relating to Knock-in Event/Knock-out Event*) on pages 422 and 423 of the Base Prospectus is amended as follows:

""**Relevant Adjustment Provisions**" means:

- (a) in the case of Index Securities, Index Security Condition 2 (Market Disruption) and Index Security Condition 3 (Adjustments to an Index);
- (b) in the case of Custom Index Securities, Index Security Condition 6 (Adjustments to a Custom Index and Custom Index Disruption);
- (c) in the case of Share Securities, Share Security Condition 2 (Market Disruption), Share Security Condition 3 (Potential Adjustment Events) and Share Security Condition 4 (Extraordinary Events);
- (d) in the case of ETI Securities, ETI Security Condition 2 (Market Disruption) and ETI Security Condition 3 (Potential Adjustment Events);
- (e) in the case of Commodity Securities, Commodity Security Condition 2 (Market Disruption) and Commodity Security Condition 3 (Consequences of a Market Disruption Event and Disruption Fallbacks);
- (f) in the case of Currency Securities, Currency Security Condition 2 (Disruption Events) and Currency Security Condition 3 (Consequences of a Disruption Event);
- (g) in the case of Futures Securities, Futures Security Condition 3 (Adjustments to a Future);
- (h) in the case of Fund Securities, Fund Security Condition 4 (Consequences of an Extraordinary Fund Event); and
- (i) in the case of Debt Securities, Debt Security Condition 3 (Market Disruption), Debt Security Condition 4 (Correction of Debt Instrument Price) and Debt Security Condition 5 (Redemption or Cancellation of a Debt Instrument); and"; and

- (b) Condition 34.9 (*Automatic Early Redemption*) on pages 487 to 496 of the Base Prospectus is amended as follows:

- (i) the first paragraph of Condition 34.9 (*Automatic Early Redemption*) on page 487 of the Base Prospectus is amended as follows:

"This Condition 34.9 applies to Index Securities, Share Securities, Debt Securities, ETI Securities, Currency Securities, Commodity Securities, Futures Securities, Fund Securities and, if FI Underlying Automatic Early Redemption is specified as applicable in the applicable Final Terms, Underlying Interest Rate Securities only."; and

- (ii) the definition of "**Relevant Adjustment Provisions**" on page 491 of the Base Prospectus is amended as follows:

""**Relevant Adjustment Provisions**" means:

- (a) in the case of Index Securities, Index Security Condition 2 (Market Disruption) and Index Security Condition 3 (Adjustments to an Index);
- (b) in the case of Custom Index Securities, Index Security Condition 6 (Adjustments to a Custom Index and Custom Index Disruption);
- (c) in the case of Share Securities, Share Security Condition 2 (Market Disruption), Share Security Condition 3 (Potential Adjustment Events) and Share Security Condition 4 (Extraordinary Events);
- (d) in the case of ETI Securities, ETI Security Condition 2 (Market Disruption) and ETI Security Condition 3 (Potential Adjustment Events);
- (e) in the case of Commodity Securities, Commodity Security Condition 2 (Market Disruption), Commodity Security Condition 3 (Consequences of a Market Disruption Event and Disruption Fallbacks) and Commodity Security Condition 4 (Adjustments to a Commodity Index);
- (f) in the case of Currency Securities, Currency Security Condition 3 (Consequences of a Disruption Event);
- (g) in the case of Futures Securities, Futures Security Condition 3 (Adjustments to a Future);
- (h) in the case of Fund Securities, Fund Security Condition 4 (Consequences of an Extraordinary Fund Event); and
- (i) in the case of Debt Securities, Debt Security Condition 3 (Market Disruption), Debt Security Condition 4 (Correction of Debt Instrument Price) and Debt Security Condition 5 (Redemption or Cancellation of a Debt Instrument);".

## AMENDMENTS TO ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES

*In relation to the amendments to the definition of "Valuation Date" under Fund Security Condition 1 (Definitions) in "Annex 9 – Additional Terms and Conditions for Fund Securities" set out below, text which, by virtue of this Fifth Supplement is added thereto is shown underlined.*

The definition of "**Valuation Date**" under Fund Security Condition 1 (*Definitions*) in "**ANNEX 9 – ADDITIONAL TERMS AND CONDITIONS FOR FUND SECURITIES**" on page 811 of the Base Prospectus is amended as follows:

""**Valuation Date**" means the Interest Valuation Date and/or Automatic Early Redemption Valuation Date and/or Redemption Valuation Date, as the case may be, specified in the applicable Final Terms or, if such day is not a Fund Business Day, the immediately succeeding Fund Business Day.".

## AMENDMENTS TO THE DESCRIPTION OF BNPP B.V.

The "**Description of BNPP B.V.**" on pages 1344 to 1347 of the Base Prospectus is amended by the deletion of the sentence under the heading "**3. Trend Information**" on page 1345 of the Base Prospectus and its replacement with the following:

"Due to BNPP B.V.'s dependence upon BNPP, its trend information is the same as that for BNPP set out on pages 153 to 156 and 725 of the BNPP 2022 Universal Registration Document (in English).".

## **AMENDMENTS TO THE DESCRIPTION OF BNPP**

The paragraph under the heading "**Description of BNPP**" on page 1348 of the Base Prospectus is deleted and replaced with the following:

"A description of BNPP can be found on pages 4 to 6 of the BNPP 2022 Universal Registration Document (in English), which is incorporated by reference herein."

## AMENDMENTS TO THE GENERAL INFORMATION SECTION

The "**GENERAL INFORMATION**" section on pages 1444 to 1453 of the Base Prospectus is amended as follows:

- (a) the last sentence in the paragraph under the heading "1. Authorisation" on page 1444 of the Base Prospectus is deleted and replaced with the following:

"The issue of Certificates by BNPP under the Programme is authorised pursuant to the Board resolution dated 22 February 2023.";
- (b) the first paragraph under the heading "5. Material Adverse Change" on page 1445 of the Base Prospectus (which was amended by virtue of the Third Supplement) is deleted and replaced with the following:

"There has been no material adverse change in the financial position or prospects of BNPP or the Group since 31 December 2022 (being the end of the last financial period for which audited financial statements have been published).";
- (c) the first paragraph under the heading "6. Legal and Arbitration Proceedings" on page 1445 of the Base Prospectus (which was amended by virtue of the Third Supplement) is deleted and replaced with the following:

"Save as disclosed on pages 273 and 274 of the BNPP 2022 Universal Registration Document (in English), there have been no governmental, legal or arbitration proceedings (including any such proceedings which are pending or threatened of which BNPP is aware), during the period covering the twelve (12) months prior to the date of this Base Prospectus which may have, or have had in the recent past, significant effects on BNPP's and/or the Group's financial position or profitability.";
- (d) the first paragraph under the heading "7. Significant Change" on page 1445 of the Base Prospectus (which was amended by virtue of the Fourth Supplement) is deleted and replaced with the following:

"There has been no significant change in the financial performance or position of BNPP or the Group since 31 December 2022 (being the end of the last financial period for which audited financial statements have been published).";
- (e) the first paragraph under the heading "10. Board of Directors" on page 1445 of the Base Prospectus is deleted and replaced with the following:

"The members of the Board of Directors of BNPP are displayed on pages 35 to 48 of the BNPP 2022 Universal Registration Document (in English) relating to BNPP which is incorporated by reference herein."; and
- (f) the heading "20. Declaration concerning the unaudited results of BNP Paribas for the periods ending 31 December 2022" and the paragraphs thereunder (which were added to the Base Prospectus by virtue of the Fourth Supplement) are deleted.

## **RESPONSIBILITY STATEMENT**

I hereby certify on behalf of BNPP and BNPP B.V. that, to the best of my knowledge, the information contained in this Fifth Supplement is in accordance with the facts and contains no omission likely to affect its import.

BNP Paribas  
16 boulevard des Italiens  
75009 Paris  
France

Represented by Lars Machenil  
in his capacity as Chief Financial Officer

Dated 11 April 2023





This Fifth Supplement has been approved by the AMF, in its capacity as competent authority under Regulation (EU) 2017/1129. The AMF has approved this Fifth Supplement after having verified that the information it contains is complete, coherent and comprehensible within the meaning of Regulation (EU) 2017/1129.

This approval is not a favourable opinion on the Issuers (or the Guarantor, if applicable) and on the quality of the Securities described in the Base Prospectus (as amended by the Previous Supplements and this Fifth Supplement). Investors should make their own assessment of the opportunity to invest in such Securities.

This Fifth Supplement has been approved on 11 April 2023. This Fifth Supplement obtained the following approval number: n°23-109.

**Sixth Supplement dated 25 May 2023**  
**to the Base Prospectus for the issue of Certificates dated 1 June 2022**



**BNP Paribas Issuance B.V.**

*(incorporated in The Netherlands)*

*(as Issuer)*

**BNP Paribas**

*(incorporated in France)*

*(as Issuer and Guarantor)*

**Note, Warrant and Certificate Programme**

This sixth supplement (the "**Sixth Supplement**") is supplemental to, and should be read in conjunction with, the base prospectus dated 1 June 2022 (the "**Base Prospectus**"), the first supplement to the Base Prospectus dated 11 August 2022 (the "**First Supplement**"), the second supplement to the Base Prospectus dated 16 September 2022 (the "**Second Supplement**"), the third supplement to the Base Prospectus dated 17 November 2022 (the "**Third Supplement**"), the fourth supplement to the Base Prospectus dated 22 February 2023 (the "**Fourth Supplement**") and the fifth supplement to the Base Prospectus dated 11 April 2023 (the "**Fifth Supplement**") and, together with the First Supplement, the Second Supplement, the Third Supplement and the Fourth Supplement, the "**Previous Supplements**"), in each case in respect of Certificates issued under the Note, Warrant and Certificate Programme (the "**Programme**") of BNP Paribas Issuance B.V. ("**BNPP B.V.**"), BNP Paribas ("**BNPP**") and BNP Paribas Fortis Funding.

The Base Prospectus and the Previous Supplements constitute a base prospectus for the purposes of Article 8 of the Prospectus Regulation. "**Prospectus Regulation**" means Regulation (EU) 2017/1129 of 14 June 2017. The Base Prospectus received approval no.22-189 on 1 June 2022, the First Supplement received approval no.22-347 on 11 August 2022, the Second Supplement received approval no.22-382 on 16 September 2022, the Third Supplement received approval no.22-451 on 17 November 2022, the Fourth Supplement received approval no.23-048 on 22 February 2023 and the Fifth Supplement received approval no.23-109 on 11 April 2023 from the *Autorité des marchés financiers* (the "**AMF**"). Application has been made to the AMF for approval of this Sixth Supplement in its capacity as competent authority under the Prospectus Regulation.

BNPP (in respect of itself and BNPP B.V.) and BNPP B.V. (in respect of itself) accept responsibility for the information contained in this Sixth Supplement, save that BNPP B.V. accepts no responsibility for the information contained in the First Amendment to the BNPP 2022 Universal Registration Document (in English) (as defined below) or the updated disclosure in respect of BNPP. To the best of the knowledge of BNPP and BNPP B.V. (who have taken all reasonable care to ensure that such is the case), the information contained herein is, subject as provided in the preceding sentence, in accordance with the facts and does not omit anything likely to affect the import of such information.

Unless the context otherwise requires, terms defined in the Base Prospectus, as amended by the Previous Supplements, shall have the same meanings when used in this Sixth Supplement.

To the extent that there is any inconsistency between (i) any statement in this Sixth Supplement and (ii) any statement in, or incorporated by reference in, the Base Prospectus, as amended by the Previous Supplements, the statement referred to in (i) above will prevail.

References in this Sixth Supplement to paragraphs of the Base Prospectus are to the Base Prospectus as amended by the Previous Supplements. References in this Sixth Supplement to page numbers in the Base Prospectus are to the page numbers in the Base Prospectus without taking into account any amendments made in the Previous Supplements.

Copies of this Sixth Supplement will be available on the website of BNP Paribas (<https://rates-globalmarkets.bnpparibas.com/gm/Public/LegalDocs.aspx>) and on the website of the AMF ([www.amf-france.org](http://www.amf-france.org)).

This Sixth Supplement has been prepared in accordance with Article 23 of the Prospectus Regulation for the purposes of giving information, which amends or is additional to the information already contained in the Base Prospectus, as amended by the Previous Supplements.

This Sixth Supplement has been prepared for the purposes of:

- (A) amending the "Risks" section;
- (B) incorporating by reference the first *Amendement au Document d'Enregistrement Universel 2022* dated 3 May 2023 (the "**First Amendment to the BNPP 2022 Universal Registration Document (in English)**"); and
- (C) amending the "General Information" section.

The incorporation by reference of the document referred to in (B) above has been made to update the BNPP disclosure. The amendments referred to in (A) and (C) above have been made to reflect the updated disclosure referred to in (B) above.

**In accordance with Article 23(2) of the Prospectus Regulation, in the case of an offer of Securities to the public, investors who have already agreed to purchase or subscribe for Securities issued under the Programme before this Sixth Supplement is published and which are affected by the amendments made in this Sixth Supplement, have the right, exercisable before the end of the period of two working days beginning with the working day after the date of publication of this Sixth Supplement to withdraw their acceptances. This right to withdraw shall expire by close of business on 30 May 2023. Investors can exercise their right to withdraw their acceptances by contacting the person from whom any such investor has agreed to purchase or subscribe for such Securities before the above deadline.**

## TABLE OF CONTENTS

	Page
Amendments to the Risks Section.....	4
Documents Incorporated by Reference .....	5
Amendments to the General Information Section .....	7
Responsibility Statement.....	11

## AMENDMENTS TO THE RISKS SECTION

The "**RISKS**" section on pages 28 to 91 of the Base Prospectus is amended as follows:

The first paragraph under the heading "**Risks Relating to BNPP and its Industry**" on page 28 of the Base Prospectus (which was amended by virtue of the Previous Supplements) is amended as follows:

"Risk factors relating to BNPP are set out in "Risk Factors" under Chapter 5 on pages 315 to 330 of the BNPP 2022 Universal Registration Document (in English) and on page 122 of the BNPP First Amendment to the BNPP 2022 Universal Registration Document (in English), which are incorporated by reference in this document. See section entitled "Documents Incorporated by Reference" of this Base Prospectus."

## DOCUMENTS INCORPORATED BY REFERENCE

On 3 May 2023, BNPP filed with the AMF the first *Amendement au Document d'Enregistrement Universel 2022* in English, which, other than the sections entitled "Person Responsible for the Universal Registration Document" and the "Table of Concordance", is incorporated in, and forms part of, the Base Prospectus by virtue of this Sixth Supplement.

The "**DOCUMENTS INCORPORATED BY REFERENCE**" section on pages 117 to 133 of the Base Prospectus is amended as follows:

- (a) the "," at the end of paragraph (f) is deleted and replaced with "; and";
- (b) the following paragraph (g) is added under paragraph (f):
 

"(g) the first *Amendement au Document d'Enregistrement Universel 2022* (in English), other than the sections entitled "Person Responsible for the Universal Registration Document" and the "Table of Concordance", with filing number D.22-0143-A01 (the "**First Amendment to the BNPP 2022 Universal Registration Document (in English)**"),";
- (c) the following table is inserted immediately following the table entitled "**BNPP 2022 UNIVERSAL REGISTRATION DOCUMENT (IN ENGLISH)**" (which was added to the Base Prospectus by virtue of the Fifth Supplement):

<b>"FIRST AMENDMENT TO THE BNPP 2022 UNIVERSAL REGISTRATION DOCUMENT (IN ENGLISH)"</b>	
<a href="https://invest.bnpparibas/en/document/1st-amendment-to-the-2022-universal-registration-document">https://invest.bnpparibas/en/document/1st-amendment-to-the-2022-universal-registration-document</a>	
<b>Headings as listed by Annex 1 of Commission Delegated Regulation (EU) 2019/980</b>	
<b>2. Statutory auditors</b>	Page 109 of the First Amendment to the BNPP 2022 Universal Registration Document (in English)
<b>3. Risk factors</b>	Page 122 of the First Amendment to the BNPP 2022 Universal Registration Document (in English)
<b>7. Operating and financial review</b>	
7.1 Financial situation	Pages 3 to 71 of the First Amendment to the BNPP 2022 Universal Registration Document (in English)
7.2 Operating results	Pages 59 to 71 of the First Amendment to the BNPP 2022 Universal Registration Document (in English)
<b>8. Capital resources</b>	
8.1 Issuer's capital resources	Pages 50 to 52, 56 to 58 and 75 to 82 of the First Amendment to the BNPP 2022 Universal Registration Document (in English)

8.3	Borrowing requirements and funding structure	Page 16 of the First Amendment of the BNPP 2022 Universal Registration Document (in English)
<b>10.</b>	<b>Trend information</b>	
10.1	Main recent trends	Page 84 of the First Amendment to the BNPP 2022 Universal Registration Document (in English)
10.2	Trends likely to have a material impact on the Issuer's outlook	Page 84 of the First Amendment to the BNPP 2022 Universal Registration Document (in English)
<b>13.</b>	<b>Remuneration and benefits</b>	
13.1	Amount of remuneration paid and benefits in kind granted	Pages 86 to 108 of the First Amendment to the BNPP 2022 Universal Registration Document (in English)
13.2	Total amounts set aside or accrued by the Issuer or its subsidiaries to provide pension, retirement, or similar benefits	Pages 86 to 108 of the First Amendment of the BNPP 2022 Universal Registration Document (in English)
<b>18.</b>	<b>Financial information concerning the Issuer's assets and liabilities, financial position, and profits and losses</b>	
18.1	Historical financial information	Pages 59 to 71 of the First Amendment to the BNPP 2022 Universal Registration Document (in English)
18.2	Interim and other financial information	Pages 59 to 71 of the First Amendment to the BNPP 2022 Universal Registration Document (in English)
18.6	Legal and arbitration proceedings	Pages 84 and 85 of the First Amendment to the BNPP 2022 Universal Registration Document (in English)
18.6.1	Information on any governmental, legal, or arbitration proceedings during a period covering at least the previous 12 months	Pages 84 and 85 of the First Amendment to the BNPP 2022 Universal Registration Document (in English)
18.7	Significant change in the Issuer's financial or trading position	Page 84 of the First Amendment to BNPP 2022 Universal Registration Document (in English)
<b>21.</b>	<b>Documents on display</b>	Page 84 of the First Amendment to the BNPP 2022 Universal Registration Document (in English)"

## AMENDMENTS TO THE GENERAL INFORMATION SECTION

The "**GENERAL INFORMATION**" section on pages 1444 to 1462 of the Base Prospectus is amended as follows:

- (a) the first paragraph under the heading "6. Legal and Arbitration Proceedings" on page 1445 of the Base Prospectus (which was amended by virtue of the Fifth Supplement) is deleted and replaced with the following:

"Save as disclosed on pages 273 and 274 of the BNPP 2022 Universal Registration Document (in English), and pages 84 and 85 of the First Amendment to the BNPP 2022 Universal Registration Document (in English), there have been no governmental, legal or arbitration proceedings (including any such proceedings which are pending or threatened of which BNPP is aware), during the period covering the twelve (12) months prior to the date of this Base Prospectus which may have, or have had in the recent past, significant effects on BNPP's and/or the Group's financial position or profitability.";

- (b) the first paragraph under the heading "7. Significant Change" on page 1445 of the Base Prospectus (which was amended by virtue of the Fifth Supplement) is deleted and replaced with the following:

"There has been no significant change in the financial performance or position of BNPP or the Group since 31 March 2023 (being the end of the last financial period for which interim financial statements have been published).";

- (c) the table and the notes thereto under the heading "18. Capitalization and Medium and Long Term Debt Indebtedness over one year of BNPP and the BNP Paribas Group" on pages 1450 to 1453 of the Base Prospectus (which was amended by virtue of the Fourth Supplement) is deleted and replaced with the following:

"The following table sets forth the consolidated capitalization and medium to long term indebtedness (i.e. of which the unexpired term to maturity is more than one year) of the Group as of 31 March 2023 using the Group's accounting method, and 31 December 2022 using the Group's prudential scope.



<i>(in millions of euros)</i>	<b>As of 31 March 2023 prudential</b>	<b>As of 31 December 2022 prudential</b>
<b>Medium- and Long-Term Debt (of which the unexpired term to maturity is more than one year)<sup>1</sup></b>		
<i>Senior preferred debt at fair value through profit or loss</i>	48, 141	40, 555
<i>Senior preferred debt at amortised cost</i>	20, 315	25, 241
<b>Total Senior Preferred Debt</b>	<b>68, 456</b>	<b>65, 796</b>
<i>Senior non preferred debt at fair value through profit or loss</i>	3, 876	3, 933
<i>Senior non preferred debt at amortised cost</i>	61, 720	62, 536
<b>Total Senior Non Preferred Debt</b>	<b>65, 596</b>	<b>66, 469</b>
Redeemable subordinated debt at amortised cost	21, 253	21, 444
Undated subordinated notes at amortised cost <sup>2</sup>	506	494
Undated participating subordinated notes at amortised cost <sup>3</sup>	225	225
Redeemable subordinated debt at fair value through profit or loss	16	25
Perpetual subordinated debt at fair value through profit or loss <sup>4</sup>	656	906
Preferred shares and equivalent instruments <sup>5</sup>	13, 471	9, 207
<b>Total Subordinated Debt</b>	<b>36, 127</b>	<b>32, 301</b>
Issued capital <sup>6</sup>	2, 469	2, 469
Additional paid-in capital	23, 911	23, 878
Retained earnings	87, 740	77, 587
Unrealized or deferred gains and losses attributable to shareholders	-9, 199	216
<b>Total Shareholders' Equity and Equivalents (net of proposed dividends)</b>	<b>104, 921</b>	<b>104, 150</b>
<b>Minority Interests (net of proposed dividends) <sup>(5)</sup></b>	<b>4, 472</b>	<b>4, 234</b>
<b>Total Capitalization and Medium Long Term Debt Indebtedness</b>	<b>279, 572</b>	<b>272, 950</b>

- (1) All medium- and long-term senior preferred debt of BNPP ranks equally with deposits and senior to the new category of senior non preferred debt first issued by BNPP in January 2017. The subordinated debt of BNPP is subordinated to all of its senior debt (including both senior preferred and senior non preferred debt). BNPP and its subsidiaries issue medium- to long-term debt on a continuous basis, particularly through offers to the public exempted from the obligation to publish a prospectus (ex private placements) in France and abroad.

Euro against foreign currency as at 31 December 2021, CAD = 1.439, GBP = 0.841, CHF = 1.038, HKD = 8.875, JPY = 131.009, USD = 1.138.

Euro against foreign currency as at 31 December 2022 CAD = 1.448, GBP = 0.887, CHF = 0.989, HKD = 8.343, JPY = 140.158, USD = 1.1.

Euro against foreign currency as at 31 March 2023 CAD = 1.469, GBP = 0.880, CHF = 0.992, HKD = 8.522, JPY = 144.047, USD = 1.086.

- (2) At 31 March 2023, the remaining subordinated debt included €506 million of undated floating-rate subordinated notes ("**TSDIs**").
- (3) Undated participating subordinated notes issued by BNP SA in July 1984 for a total amount of €337 million are redeemable only in the event of the liquidation of BNPP, but may be redeemed in accordance with the terms specified in the French law of 3 January 1983. The number of notes outstanding as at 31 March 2023 was 1,434,092 amounting to approximately €219 million. Payment of interest is obligatory, but the Board of Directors may postpone interest payments if the Ordinary General Meeting of shareholders held to approve the financial statements notes that there is no income available for distribution. Additionally, as at 31 March 2023, there were 28,689 undated participating subordinated notes issued by Fortis Banque France (amounting to approximately €4 million) and 6,773 undated participating subordinated notes issued by Banque de Bretagne (amounting to approximately €2 million) outstanding; both entities have since been merged into BNPP.
- (4) Subordinated debt corresponds to an issue of Convertible And Subordinated Hybrid Equity-linked Securities ("**CASHES**") made by Fortis Bank SA/NV (now acting in Belgium under the commercial name BNP Paribas Fortis) in December 2007, for an initial nominal amount of €3 billion, which has now been reduced to an outstanding nominal amount of €832 million corresponding to a market value of €656 million at 31 March 2023. They bear interest at a floating rate equal to three-month EURIBOR plus a margin equal to 2% paid quarterly in arrears. The CASHES are undated but may be exchanged for Ageas (previously Fortis SA/NV) shares at the holder's sole discretion at a price per Ageas share of €239.40. However, as of 19 December 2014, the CASHES are subject to automatic exchange into Ageas shares if the price of Ageas shares is equal to or higher than €359.10 for twenty consecutive trading days. The principal amount will never be redeemed in cash. The rights of CASHES holders are limited to the Ageas shares held by BNP Paribas Fortis and pledged to them.

Ageas and BNP Paribas Fortis have entered into a Relative Performance Note (RPN) contract, the value of which varies contractually so as to offset the impact on BNP Paribas Fortis of the relative difference between changes in the value of the CASHES and changes in the value of the Ageas shares.

On 7 May 2015, BNPP and Ageas reached an agreement which allows BNPP to purchase outstanding CASHES subject to the condition that these are converted into Ageas shares, leading to a proportional settlement of the RPN. The agreement between Ageas and BNPP expired on 31 December 2016 and has not been renewed.

On 24 July 2015, BNPP obtained a prior agreement from the European Central Bank permitting it to purchase outstanding CASHES up to a nominal amount of €200 million. In 2016, BNPP used such agreement to purchase €164 million outstanding CASHES, converted into Ageas shares.

On 8 July 2016, BNPP obtained a new agreement from the European Central Bank which superseded the prior agreement permitting it to purchase outstanding CASHES up to a nominal amount of €200 million. BNPP requested the cancellation of this agreement from the European Central Bank and the European Central Bank approved such cancellation in August 2017.

Since 1 January 2022, the subordinated liability is no longer eligible to Tier 1 capital (considering both the transitional period, from the 1 January 2013 to 1 January 2022, and the cancellation of the aforementioned agreement).

- (5) Consists of numerous issuances by BNPP in various currencies (i) over the 2005-2009 period, of undated deeply subordinated non-cumulative notes and (ii) since 2015, of perpetual fixed rate resettable additional tier 1 notes.

The details of the debt instruments recognized as capital, as well as their characteristics, as required by Implementing Regulation No. 1423/2013, are available in the BNP Paribas Debt section of BNPP's investor relations website at [www.invest.bnpparibas.com](http://www.invest.bnpparibas.com).

- (6) At 31 March 2023, BNPP's share capital stood at €2,468,663,292 divided into 1,234,331,646 shares with a par value of €2 each."; and
- (d) the paragraph under the heading "19. Events impacting the solvency of BNPP" on page 1453 of the Base Prospectus (which was amended by virtue of the Fourth Supplement) is deleted and replaced with the following:

"To the best of BNPP's knowledge, there have not been any recent events which are to a material extent relevant to the evaluation of BNPP's solvency since 31 March 2023."

## **RESPONSIBILITY STATEMENT**

I hereby certify on behalf of BNPP and BNPP B.V. that, to the best of my knowledge, the information contained in this Sixth Supplement is in accordance with the facts and contains no omission likely to affect its import.

BNP Paribas  
16 boulevard des Italiens  
75009 Paris  
France

Represented by Lars Machenil  
in his capacity as Chief Financial Officer

Dated 25 May 2023



This Sixth Supplement has been approved by the AMF, in its capacity as competent authority under Regulation (EU) 2017/1129. The AMF has approved this Sixth Supplement after having verified that the information it contains is complete, coherent and comprehensible within the meaning of Regulation (EU) 2017/1129.

This approval is not a favourable opinion on the Issuers (or the Guarantor, if applicable) and on the quality of the Securities described in the Base Prospectus (as amended by the Previous Supplements and this Sixth Supplement). Investors should make their own assessment of the opportunity to invest in such Securities.

This Sixth Supplement has been approved on 25 May 2023. This Sixth Supplement obtained the following approval number: n°23-185.