

Supplemental Listing Document

If you are in any doubt as to any aspect of this document, you should consult your stockbroker or other registered dealer in securities, bank manager, solicitor, accountant or other professional adviser.

Application has been made to the Singapore Exchange Securities Trading Limited (the “**SGX-ST**”) for permission to deal in and for quotation of the Certificates (as defined below). The SGX-ST takes no responsibility for the contents of this document, makes no representation as to its accuracy or completeness and expressly disclaims any liability whatsoever for any loss howsoever arising from or in reliance upon the whole or any part of the contents of this document. Admission to the Official List of the SGX-ST is not to be taken as an indication of the merits of SG Issuer, Société Générale, the Certificates, or the Company (as defined below).

16,700,000 European Style Cash Settled Short Certificates
relating to the ordinary shares of Alibaba Group Holding Limited
with a Daily Leverage of -5x

issued by

SG Issuer

(Incorporated in Luxembourg with limited liability)

unconditionally and irrevocably guaranteed by

Société Générale

Issue Price: S\$1.20 per Certificate

This document is published for the purpose of obtaining a listing of all the above certificates (the “**Certificates**”) to be issued by SG Issuer (the “**Issuer**”) unconditionally and irrevocably guaranteed by Société Générale (the “**Guarantor**”), and is supplemental to and should be read in conjunction with a base listing document dated 18 June 2021 including such further base listing documents as may be issued from time to time (the “**Base Listing Document**”) for the purpose of giving information with regard to the Issuer, the Guarantor and the Certificates. Information relating to the Company (as defined below) is contained in this document.

This document does not constitute or form part of any offer, or invitation, to subscribe for or to sell, or solicitation of any offer to subscribe for or to purchase, Certificates or other securities of the Issuer, nor is it calculated to invite, nor does it permit the making of, offers by the public to subscribe for or purchase for cash or other consideration the Certificates or other securities of the Issuer.

Restrictions have been imposed on offers and sales of the Certificates and on distributions of documents relating thereto in Singapore, Hong Kong, the European Economic Area, the United Kingdom and the United States (see “Placing and Sale” contained herein).

The Certificates are complex products. You should exercise caution in relation to them. Investors are warned that the price of the Certificates may fall in value as rapidly as it may rise and

holders may sustain a total loss of their investment. The price of the Certificates also depends on the supply and demand for the Certificates in the market and the price at which the Certificates is trading at any time may differ from the underlying valuation of the Certificates because of market inefficiencies. It is not possible to predict the secondary market for the Certificates. Although the Issuer, the Guarantor and/or any of their affiliates may from time to time purchase the Certificates or sell additional Certificates on the market, the Issuer, the Guarantor and/or any of their affiliates are not obliged to do so. Investors should also note that there are leveraged risks because the Certificates integrate an inverse leverage mechanism and the Certificates will amplify the movements in the increase, and in the decrease, of the value of the Underlying Stock (as defined below) and if the investment results in a loss, any such loss will be increased by the leverage factor of the Certificates. As such, investors could lose more than they would if they had invested directly in the Underlying Stock.

The Certificates are classified as capital markets products other than prescribed capital markets products¹ and Specified Investment Products (SIPs)², and may only be sold to retail investors with enhanced safeguards, including an assessment of such investors' investment knowledge or experience.

The Certificates constitute general unsecured obligations of the Issuer (in the case of any substitution of the Issuer in accordance with the Conditions of the Certificates, the Substituted Obligor as defined in the Conditions of the Certificates) and of no other person, and the guarantee dated 18 June 2021 (the "**Guarantee**") and entered into by the Guarantor constitutes direct unconditional unsecured senior preferred obligations of the Guarantor and of no other person, and if you purchase the Certificates, you are relying upon the creditworthiness of the Issuer and the Guarantor and have no rights under the Certificates against any other person.

Application has been made to the SGX-ST for permission to deal in and for quotation of the Certificates and the SGX-ST has agreed in principle to grant permission to deal in and for quotation of the Certificates. It is expected that dealings in the Certificates will commence on or about 4 April 2022.

As of the date hereof, the Guarantor's long term credit rating by S&P Global Ratings is A, and by Moody's Investors Service, Inc. is A1.

The Issuer is regulated by the Luxembourg Commission de Surveillance du Secteur Financier on a consolidated basis and the Guarantor is regulated by, *inter alia*, the Autorité des Marchés Financiers, the Autorité de Contrôle Prudentiel et de Résolution and the European Central Bank.

1 April 2022

¹ As defined in the Securities and Futures (Capital Markets Products) Regulations 2018.

² As defined in the MAS Notice SFA 04-N12: Notice on the Sale of Investment Products and MAS Notice FAA-N16: Notice on Recommendations on Investment Products.

Subject as set out below, the Issuer and the Guarantor accept full responsibility for the accuracy of the information contained in this document and the Base Listing Document in relation to themselves and the Certificates. To the best of the knowledge and belief of the Issuer and the Guarantor (each of which has taken all reasonable care to ensure that such is the case), the information contained in this document and the Base Listing Document for which they accept responsibility (subject as set out below in respect of the information contained herein with regard to the Company) is in accordance with the facts and does not omit anything likely to affect the import of such information. The information with regard to the Company as set out herein is extracted from publicly available information. The Issuer and the Guarantor accept responsibility only for the accurate reproduction of such information. No further or other responsibility or liability in respect of such information is accepted by the Issuer and the Guarantor.

No person has been authorised to give any information or to make any representation other than those contained in this document in connection with the offering of the Certificates, and, if given or made, such information or representations must not be relied upon as having been authorised by the Issuer or the Guarantor. Neither the delivery of this document nor any sale made hereunder shall under any circumstances create any implication that there has been no change in the affairs of the Issuer, the Guarantor or their respective subsidiaries and associates since the date hereof.

This document does not constitute an offer or invitation by or on behalf of the Issuer or the Guarantor to purchase or subscribe for any of the Certificates. The distribution of this document and the offering of the Certificates may, in certain jurisdictions, be restricted by law. The Issuer and the Guarantor require persons into whose possession this document comes to inform themselves of and observe all such restrictions. In particular, the Certificates and the Guarantee have not been and will not be registered under the United States Securities Act of 1933, as amended or any state securities law, and trading in the Certificates has not been approved by the United States Commodity Futures Trading Commission (the “**CFTC**”) under the United States Commodity Exchange Act of 1936, as amended and the Issuer will not be registered as an investment company under the United States Investment Company Act of 1940, as amended, and the rules and regulations thereunder. None of the Securities and Exchange Commission, any state securities commission or regulatory authority or any other United States, French or other regulatory authority has approved or disapproved of the Certificates or the Guarantee or passed upon the accuracy or adequacy of this document. Accordingly, Certificates, or interests therein, may not 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, U.S. persons, nor may any U.S. person at any time trade, own, hold or maintain a position in the Certificates or any interests therein. In addition, in the absence of relief from the CFTC, offers, sales, re-sales, trades, pledges, exercises, redemptions, transfers or deliveries of Certificates, or interests therein, directly or indirectly, in the United States or to, or for the account or benefit of, U.S. persons, may constitute a violation of United States law governing commodities trading and commodity pools. Consequently, 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. A further description of certain restrictions on offering and sale of the Certificates and distribution of this document is given in the section headed “Placing and Sale” contained herein.

The SGX-ST has made no assessment of, nor taken any responsibility for, the financial soundness of the Issuer or the Guarantor or the merits of investing in the Certificates, nor have they verified the accuracy or the truthfulness of statements made or opinions expressed in this document.

The Issuer, the Guarantor and/or any of their affiliates may repurchase Certificates at any time on or after the date of issue and any Certificates so repurchased may be offered 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 Issuer, the Guarantor and/or any of their affiliates.

Investors should not therefore make any assumption as to the number of Certificates in issue at any time.

References in this document to the “**Conditions**” shall mean references to the Terms and Conditions of the European Style Cash Settled Long/Short Certificates on Single Equities contained in the Base Listing Document. Terms not defined herein shall have the meanings ascribed thereto in the Conditions.

Table of Contents

	<i>Page</i>
Risk Factors	6
Terms and Conditions of the Certificates	16
Terms and Conditions of the European Style Cash Settled Long/Short Certificates on Single Equities	27
Summary of the Issue	41
Information relating to the European Style Cash Settled Short Certificates on Single Equities	43
Information relating to the Company	59
Information relating to the Designated Market Maker	60
Supplemental Information relating to the Guarantor	62
Supplemental General Information	63
Placing and Sale	65
Appendix I	
Appendix II	

RISK FACTORS

The following are risk factors relating to the Certificates:

- (a) investment in Certificates involves substantial risks including market risk, liquidity risk, and the risk that the Issuer and/or the Guarantor will be unable to satisfy its/their obligations under the Certificates. Investors should ensure that they understand the nature of all these risks before making a decision to invest in the Certificates. You should consider carefully whether Certificates are suitable for you in light of your experience, objectives, financial position and other relevant circumstances. Certificates are not suitable for inexperienced investors;
- (b) the Certificates constitute general unsecured obligations of the Issuer (in the case of any substitution of the Issuer in accordance with the Conditions of the Certificates, the Substituted Obligor as defined in the Conditions of the Certificates) and of no other person, and the Guarantee constitutes direct unconditional unsecured senior preferred obligations of the Guarantor and of no other person. In particular, it should be noted that the Issuer issues a large number of financial instruments, including Certificates, on a global basis and, at any given time, the financial instruments outstanding may be substantial. If you purchase the Certificates, you are relying upon the creditworthiness of the Issuer and the Guarantor and have no rights under the Certificates against any other person;
- (c) since the Certificates relate to the price of the Underlying Stock, certain events relating to the Underlying Stock may cause adverse movements in the value and the price of the Underlying Stock, as a result of which, the Certificate Holders (as defined in the Conditions of the Certificates) may, in extreme circumstances, sustain a significant loss of their investment if the price of the Underlying Stock has risen sharply;
- (d) due to their nature, the Certificates can be volatile instruments and may be subject to considerable fluctuations in value. The price of the Certificates may fall in value as rapidly as it may rise due to, including but not limited to, variations in the frequency and magnitude of the changes in the price of the Underlying Stock, the time remaining to expiry, the currency exchange rates and the creditworthiness of the Issuer and the Guarantor;
- (e) if, whilst any of the Certificates remain unexercised, trading in the Underlying Stock is suspended or halted on the relevant stock exchange, trading in the Certificates may be suspended for a similar period;
- (f) as indicated in the Conditions of the Certificates and herein, a Certificate Holder must tender a specified number of Certificates at any one time in order to exercise. Thus, Certificate Holders with fewer than the specified minimum number of Certificates in a particular series will either have to sell their Certificates or purchase additional Certificates, incurring transactions costs in each case, in order to realise their investment;
- (g) investors should note that in the event of there being a Market Disruption Event (as defined in the Conditions) determination or payment of the Cash Settlement Amount (as defined in the Conditions) may be delayed, all as more fully described in the Conditions;
- (h) certain events relating to the Underlying Stock require or, as the case may be, permit the Issuer to make certain adjustments or amendments to the Conditions. Investors may refer to the Conditions 4 and 6 on pages 32 to 36 and the examples and illustrations of adjustments set out in the "Information relating to the European Style Cash Settled Short Certificates on Single Equities" section of this document for more information;

- (i) the Certificates are only exercisable on the Expiry Date and may not be exercised by Certificate Holders prior to such Expiry Date. Accordingly, if on the Expiry Date the Cash Settlement Amount is zero, a Certificate Holder will lose the value of his investment;
- (j) the total return on an investment in any Certificate may be affected by the Hedging Fee Factor (as defined below), Management Fee (as defined below) and Gap Premium (as defined below);
- (k) investors holding their position overnight should note that they would be required to bear the annualised cost which consists of the Management Fee and Gap Premium, which are calculated daily and applied to the value of the Certificates, as well as certain costs embedded within the Leverage Inverse Strategy (as described below) including the Stock Borrowing Cost (as defined below) and Rebalancing Cost (as defined below);
- (l) investors should note that there may be an exchange rate risk relating to the Certificates where the Cash Settlement Amount is converted from a foreign currency into Singapore dollars.

Exchange rates between currencies are determined by forces of supply and demand in the foreign exchange markets. These forces are, in turn, affected by factors such as international balances of payments and other economic and financial conditions, government intervention in currency markets and currency trading speculation. Fluctuations in foreign exchange rates, foreign political and economic developments, and the imposition of exchange controls or other foreign governmental laws or restrictions applicable to such investments may affect the foreign currency market price and the exchange rate-adjusted equivalent price of the Certificates. Fluctuations in the exchange rate of any one currency may be offset by fluctuations in the exchange rate of other relevant currencies;

- (m) investors should note that there are leveraged risks because the Certificates integrate an inverse leverage mechanism and the Certificates will amplify the movements in the increase, and in the decrease, of the value of the Underlying Stock and if the investment results in a loss, any such loss will be increased by the leverage factor of the Certificates. As such, investors could lose more than they would if they had invested directly in the Underlying Stock;
- (n) when held for longer than a day, the performance of the Certificates could be more or less than the leverage factor that is embedded within the Certificates. The performance of the Certificates each day is locked in, and any subsequent returns are based on what was achieved the previous day. This process, referred to as compounding, may lead to a performance difference from 5 times the inverse performance of the Underlying Stock over a period longer than one day. This difference may be amplified in a volatile market with a sideways trend, where market movements are not clear in direction, whereby investors may sustain substantial losses;
- (o) the Air Bag Mechanism (as defined below) is triggered only when the Underlying Stock is calculated or traded, which may not be during the trading hours of the Relevant Stock Exchange for the Certificates (as defined below);
- (p) investors should note that the Air Bag Mechanism reduces the impact on the Leverage Inverse Strategy if the Underlying Stock rises further, but will also maintain a reduced exposure to the Underlying Stock in the event the Underlying Stock starts to fall after the Air Bag Mechanism is triggered, thereby reducing its ability to recoup losses;
- (q) there is no assurance that the Air Bag Mechanism will prevent investors from losing the entire value of their investment, in the event of (i) an overnight increase in the Underlying Stock, where there is a 20% or greater gap between the previous day closing price and the opening price of the Underlying Stock the following day, as the Air Bag Mechanism will only be triggered when market opens the following day or (ii) a sharp intraday increase in the price of the Underlying

Stock of 20% or greater within the 15 minutes Observation Period compared to the reference price, being: (1) if air bag has not been previously triggered on the same day, the previous closing price of the Underlying Stock, or (2) if one or more air bag have been previously triggered on the same day, the latest New Observed Price. Investors may refer to pages 52 to 53 of this document for more information;

- (r) In the case of extreme market conditions or where the Air Bag Mechanisms are triggered simultaneously, trading in the Certificates may be suspended for an extended period, which may be up to an additional 15 minutes, to facilitate the intra-day adjustment under the Air Bag Mechanism;
- (s) certain events may, pursuant to the terms and conditions of the Certificates, trigger (i) the implementation of methods of adjustment or (ii) the early termination of the Certificates. The Issuer will give the investors reasonable notice of any early termination. If the Issuer terminates the Certificates early, then the Issuer will, if and to the extent permitted by applicable law, pay an amount to each Certificate Holder in respect of each Certificate held by such holder equal to the fair market value of the Certificate less the cost to the Issuer of unwinding any underlying related hedging arrangements, all as determined by the Issuer in its sole and absolute discretion. The performance of this commitment shall depend on (i) general market conditions and (ii) the liquidity conditions of the underlying instrument(s) and, as the case may be, of any other hedging transactions. Investors should note that the amount repaid by the Issuer may be less than the amount initially invested. Investors may refer to the Condition 13 on pages 38 to 39 of this document for more information;
- (t) there is no assurance that an active trading market for the Certificates will sustain throughout the life of the Certificates, or if it does sustain, it may be due to market making on the part of the Designated Market Maker. The Issuer acting through its Designated Market Maker may be the only market participant buying and selling the Certificates. Therefore, the secondary market for the Certificates may be limited and you may not be able to realise the value of the Certificates. Do note that the bid-ask spread increases with illiquidity;
- (u) in the ordinary course of their business, including without limitation, in connection with the Issuer or its appointed designated market maker's market making activities, the Issuer, the Guarantor and any of their respective subsidiaries and affiliates may effect transactions for their own account or for the account of their customers and hold long or short positions in the Underlying Stock. In addition, in connection with the offering of any Certificates, the Issuer, the Guarantor and any of their respective subsidiaries and affiliates may enter into one or more hedging transactions with respect to the Underlying Stock. In connection with such hedging or market-making activities or with respect to proprietary or other trading activities by the Issuer, the Guarantor and any of their respective subsidiaries and affiliates, the Issuer, the Guarantor and any of their respective subsidiaries and affiliates may enter into transactions in the Underlying Stock which may affect the market price, liquidity or value of the Certificates and which may affect the interests of Certificate Holders;
- (v) various potential and actual conflicts of interest may arise from the overall activities of the Issuer, the Guarantor and/or any of their subsidiaries and affiliates.

The Issuer, the Guarantor and any of their subsidiaries and affiliates are diversified financial institutions with relationships in countries around the world. These entities engage in a wide range of commercial and investment banking, brokerage, funds management, hedging transactions and investment and other activities for their own account or the account of others. In addition, the Issuer, the Guarantor and any of their subsidiaries and affiliates, in connection with their other business activities, may possess or acquire material information about the

Underlying Stock. Such activities and information may involve or otherwise affect issuers of the Underlying Stock in a manner that may cause consequences adverse to the Certificate Holders or otherwise create conflicts of interests in connection with the issue of Certificates by the Issuer. Such actions and conflicts may include, without limitation, the exercise of voting power, the purchase and sale of securities, financial advisory relationships and exercise of creditor rights. The Issuer, the Guarantor and any of their subsidiaries and affiliates have no obligation to disclose such information about the Underlying Stock or such activities. The Issuer, the Guarantor and any of their subsidiaries and affiliates and their officers and directors may engage in any such activities without regard to the issue of Certificates by the Issuer or the effect that such activities may directly or indirectly have on any Certificate;

- (w) legal considerations which may restrict the possibility of certain investments:

Some investors' investment activities are subject to specific laws and regulations or laws and regulations currently being considered by various authorities. All potential investors must consult their own legal advisers to check whether and to what extent (i) they can legally purchase the Certificates (ii) the Certificates can be used as collateral security for various forms of borrowing (iii) if other restrictions apply to the purchase of Certificates or their use as collateral security. Financial institutions must consult their legal advisers or regulators to determine the appropriate treatment of the Certificates under any applicable risk-based capital or similar rules;

- (x) the credit rating of the Guarantor is an assessment of its ability to pay obligations, including those on the Certificates. Consequently, actual or anticipated declines in the credit rating of the Guarantor may affect the market value of the Certificates;

- (y) the Certificates are linked to the Underlying Stock and subject to the risk that the price of the Underlying Stock may rise. The following is a list of some of the significant risks associated with the Underlying Stock:

- Historical performance of the Underlying Stock does not give an indication of future performance of the Underlying Stock. It is impossible to predict whether the price of the Underlying Stock will fall or rise over the term of the Certificates; and
- The price of the Underlying Stock may be affected by the economic, financial and political events in one or more jurisdictions, including the stock exchange(s) or quotation system(s) on which the Underlying Stock may be traded;

- (z) the value of the Certificates depends on the Leverage Inverse Strategy performance built in the Certificate. The Calculation Agent will make the Leverage Inverse Strategy last closing level and a calculation tool available to the investors on a website;

- (aa) two or more risk factors may simultaneously have an effect on the value of a Certificate such that the effect of any individual risk factor may not be predicted. No assurance can be given as to the effect any combination of risk factors may have on the value of a Certificate;

- (bb) as the Certificates are represented by a global warrant certificate which will be deposited with The Central Depository (Pte) Limited (“CDP”):

- (i) investors should note that no definitive certificate will be issued in relation to the Certificates;
- (ii) there will be no register of Certificate Holders and each person who is for the time being shown in the records maintained by CDP as entitled to a particular number of Certificates by way of interest (to the extent of such number) in the global warrant

certificate in respect of those Certificates represented thereby shall be treated as the holder of such number of Certificates;

- (iii) investors will need to rely on any statements received from their brokers/custodians as evidence of their interest in the Certificates; and
- (iv) notices to such Certificate Holders will be published on the web-site of the SGX-ST. Investors will need to check the web-site of the SGX-ST regularly and/or rely on their brokers/custodians to obtain such notices;

- (cc) the reform of HIBOR may adversely affect the value of the Certificates

The Hong Kong Inter-bank Offered Rate ("**HIBOR**") benchmark is referenced in the Leverage Inverse Strategy.

It is not possible to predict with certainty whether, and to what extent, HIBOR will continue to be supported going forwards. This may cause HIBOR to perform differently than they have done in the past, and may have other consequences which cannot be predicted. Such factors may have (without limitation) the following effects: (i) discouraging market participants from continuing to administer or contribute to a benchmark; (ii) triggering changes in the rules or methodologies used in the benchmark and/or (iii) leading to the disappearance of the benchmark. Any of the above changes or any other consequential changes as a result of international or national reforms or other initiatives or investigations, could have a material adverse effect on the value of and return on the Certificates.

In addition, the occurrence of a modification or cessation of HIBOR may cause adjustment of the Certificates which may include selecting one or more successor benchmarks and making related adjustments to the Certificates, including if applicable to reflect increased costs.

The Calculation Agent may make adjustments as it may determine appropriate if any of the following circumstances occurs or may occur: (1) HIBOR is materially changed or cancelled or (2)(i) the relevant authorisation, registration, recognition, endorsement, equivalence decision or approval in respect of the benchmark or the administrator or sponsor of the benchmark is not obtained, (ii) an application for authorisation, registration, recognition, endorsement, equivalence decision, approval or inclusion in any official register is rejected or (iii) any authorisation, registration, recognition, endorsement, equivalence decision or approval is suspended or inclusion in any official register is withdrawn.

Investors should consult their own independent advisers and make their own assessment about the potential risks imposed by any of the international or national reforms in making any investment decision with respect to any Certificate;

- (dd) the US Foreign Account Tax Compliance Act ("**FATCA**") withholding risk:

FATCA generally imposes a 30 per cent. withholding tax on certain U.S.-source payments to certain non-US persons that do not provide certification of their compliance with IRS rules to disclose the identity of their US owners and account holders (if any) or establish a basis for exemption for such disclosure. The Issuer or an investor's broker or custodian may be subject to FATCA and, as a result, may be required to obtain certification from investors that they have complied with FATCA disclosure requirements or have established a basis for exemption from FATCA. If an investor does not provide the Issuer or the relevant broker or custodian with such certification, the Issuer and the Guarantor or other withholding agent could be required to withhold U.S. tax on U.S.-source income (if any) paid pursuant to the Certificates. In certain cases, the Issuer or the relevant broker or custodian could be required to close an account of an investor who does not comply with the FATCA certification procedures.

FATCA IS PARTICULARLY COMPLEX. EACH INVESTOR SHOULD CONSULT ITS OWN TAX ADVISER TO OBTAIN A MORE DETAILED EXPLANATION OF FATCA AND TO DETERMINE HOW THIS LEGISLATION MIGHT AFFECT EACH INVESTOR IN ITS PARTICULAR CIRCUMSTANCES;

(ee) U.S. withholding tax

The Issuer has determined that this Certificate is not linked to U.S. Underlying Equities within the meaning of applicable regulations under Section 871(m) of the United States Internal Revenue Code, as discussed in the accompanying Base Listing Document under “TAXATION—TAXATION IN THE UNITED STATES OF AMERICA—Section 871(m) of the U.S. Internal Revenue Code of 1986.” Accordingly, the Issuer expects that Section 871(m) will not apply to the Certificates. Such determination is not binding on the IRS, and the IRS may disagree with this determination. Section 871(m) is complex and its application may depend on a Certificate Holder's particular circumstances. Certificate Holders should consult with their own tax advisers regarding the potential application of Section 871(m) to the Certificates; and

(ff) risk factors relating to the BRRD

French and Luxembourg law and European legislation regarding the resolution of financial institutions may require the write-down or conversion to equity of the Certificates or other resolution measures if the Issuer or the Guarantor is deemed to meet the conditions for resolution.

Directive 2014/59/EU of the European Parliament and of the Council of the European Union dated 15 May 2014 establishing a framework for the recovery and resolution of credit institutions and investment firms (the “**BRRD**”) entered into force on 2 July 2014. The BRRD has been implemented into Luxembourg law by, among others, the Luxembourg act dated 18 December 2015 on the failure of credit institutions and certain investment firms, as amended (the “**BRR Act 2015**”). Under the BRR Act 2015, the competent authority is the Luxembourg financial sector supervisory authority (*Commission de surveillance du secteur financier*, the CSSF) and the resolution authority is the CSSF acting as resolution council (*conseil de résolution*).

Moreover, 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 (“**SRM**”) and a Single Resolution Fund (the “**SRM Regulation**”) has established a centralised power of resolution entrusted to a Single Resolution Board (the “**SRB**”) in cooperation with the national resolution authorities.

Since November 2014, the European Central Bank (“**ECB**”) has taken over the prudential supervision of significant credit institutions in the member states of the Eurozone under the Single Supervisory Mechanism (“**SSM**”). In addition, the SRM has been put in place to ensure that the resolution of credit institutions and certain investment firms across the Eurozone is harmonised. As mentioned above, the SRM is managed by the SRB. Under Article 5(1) of the SRM Regulation, the SRM has been granted those responsibilities and powers granted to the EU Member States’ resolution authorities under the BRRD for those credit institutions and certain investment firms subject to direct supervision by the ECB. The ability of the SRB to exercise these powers came into force at the beginning of 2016.

Societe Generale has been designated as a significant supervised entity for the purposes of Article 49(1) of Regulation (EU) No 468/2014 of the ECB of 16 April 2014 establishing the framework for cooperation within the SSM between the ECB and national competent authorities

and with national designated authorities (the “**SSM Regulation**”) and is consequently subject to the direct supervision of the ECB in the context of the SSM. This means that Societe Generale and SG Issuer (being covered by the consolidated prudential supervision of Societe Generale) are also subject to the SRM which came into force in 2015. The SRM Regulation mirrors the BRRD and, to a large part, refers to the BRRD so that the SRB is able to apply the same powers that would otherwise be available to the relevant national resolution authority.

The stated aim of the BRRD and the SRM Regulation is to provide for the establishment of an EU-wide framework for the recovery and resolution of credit institutions and certain investment firms. The regime provided for by the BRRD is, among other things, stated to be needed to provide the resolution authority designated by each EU Member State (the “**Resolution Authority**”) with a credible set of tools to intervene sufficiently early and quickly in an unsound or failing institution so as to ensure the continuity of the institution’s critical financial and economic functions while minimising the impact of an institution’s failure on the economy and financial system (including taxpayers’ exposure to losses).

Under the SRM Regulation, a centralised power of resolution is established and entrusted to the SRB acting in cooperation with the national resolution authorities. In accordance with the provisions of the SRM Regulation, when applicable, the SRB, has replaced the national resolution authorities designated under the BRRD with respect to all aspects relating to the decision-making process and the national resolution authorities designated under the BRRD continue to carry out activities relating to the implementation of resolution schemes adopted by the SRB. The provisions relating to the cooperation between the SRB and the national resolution authorities for the preparation of the institutions’ resolution plans have applied since 1 January 2015 and the SRM has been fully operational since 1 January 2016.

The SRB is the Resolution Authority for the Issuer and the Guarantor.

The powers provided to the Resolution Authority in the BRRD and the SRM Regulation include write-down/conversion powers to ensure that capital instruments (including subordinated debt instruments) and eligible liabilities (including senior debt instruments if junior instruments prove insufficient to absorb all losses) absorb losses of the issuing institution that is subject to resolution in accordance with a set order of priority (the “**Bail-in Power**”). The conditions for resolution under the SRM Regulation are deemed to be met when: (i) the Resolution Authority determines that the institution is failing or is likely to fail, (ii) there is no reasonable prospect that any measure other than a resolution measure would prevent the failure within a reasonable timeframe, and (iii) a resolution measure is necessary for the achievement of the resolution objectives (in particular, ensuring the continuity of critical functions, avoiding a significant adverse effect on the financial system, protecting public funds by minimizing reliance on extraordinary public financial support, and protecting client funds and assets) and winding up of the institution under normal insolvency proceedings would not meet those resolution objectives to the same extent.

The Resolution Authority could also, independently of a resolution measure or in combination with a resolution measure, fully or partially write-down or convert capital instruments (including subordinated debt instruments) into equity when it determines that the institution or its group will no longer be viable unless such write-down or conversion power is exercised or when the institution requires extraordinary public financial support (except when extraordinary public financial support is provided in Article 10 of the SRM Regulation). The terms and conditions of the Certificates contain provisions giving effect to the Bail-in Power in the context of resolution and write-down or conversion of capital instruments at the point of non-viability.

The Bail-in Power could result in the full (i.e., to zero) or partial write-down or conversion of the Certificates into ordinary shares or other instruments of ownership, or the variation of the terms of the Certificates (for example, the maturity and/or interest payable may be altered and/or a temporary suspension of payments may be ordered). Extraordinary public financial support should only be used as a last resort after having assessed and applied, to the maximum extent practicable, the resolution measures. No support will be available until a minimum amount of contribution to loss absorption and recapitalization of 8% of total liabilities including own funds has been made by shareholders, holders of capital instruments and other eligible liabilities through write-down, conversion or otherwise.

In addition to the Bail-in Power, the BRRD provides the Resolution Authority with broader powers to implement other resolution measures with respect to institutions that meet the conditions for resolution, which may include (without limitation) the sale of the institution's business, the creation of a bridge institution, the separation of assets, the replacement or substitution of the institution as obligor in respect 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), removing management, appointing an interim administrator, and discontinuing the listing and admission to trading of financial instruments.

Before taking a resolution measure, including implementing the Bail-in Power, or exercising the power to write down or convert relevant capital instruments, the Resolution Authority must ensure that a fair, prudent and realistic valuation of the assets and liabilities of the institution is carried out by a person independent from any public authority.

The application of any measure under the BRRD and the SRM Regulation or any suggestion of such application with respect to the Issuer, the Guarantor or the Group could materially adversely affect the rights of Certificate Holders, the price or value of an investment in the Certificates and/or the ability of the Issuer or the Guarantor to satisfy its obligations under any Certificates, and as a result investors may lose their entire investment.

Moreover, if the Issuer's or the Guarantor's financial condition deteriorates, the existence of the Bail-in Power, the exercise of write-down/conversion powers or any other resolution tools by the Resolution Authority independently of a resolution measure or in combination with a resolution measure when it determines that the Issuer, the Guarantor or the Group will no longer be viable could cause the market price or value of the Certificates to decline more rapidly than would be the case in the absence of such powers.

Since 1 January 2016, EU credit institutions (such as Societe Generale) and certain investment firms have to meet, at all times, a minimum requirement for own funds and eligible liabilities ("**MREL**") pursuant to Article 12 of the SRM Regulation. The MREL, which is expressed as a percentage of the total liabilities and own funds of the institution, aims at preventing institutions from structuring their liabilities in a manner that impedes the effectiveness of the Bail-in Power in order to facilitate resolution.

The current regime will evolve as a result of the changes adopted by the EU legislators. On 7 June 2019, as part of the contemplated amendments to the so-called "EU Banking Package", the following legislative texts have been published in the Official Journal of the EU 14 May 2019:

- Directive (EU) 2019/879 of the European Parliament and of the Council of 20 May 2019 amending the BRRD as regards the loss-absorbing and recapitalisation capacity of credit institutions and investment firms (the "**BRRD II**"); and
- Regulation (EU) 2019/877 of the European Parliament and of the Council of 20 May 2019 amending the SRM Regulation as regards the loss-absorbing and recapitalisation

capacity (“**TLAC**”) of credit institutions and investment firms (the “**SRM II Regulation**” and, together with the BRRD II, the “**EU Banking Package Reforms**”).

The EU Banking Package Reforms will introduce, among other things, the TLAC standard as implemented by the Financial Stability Board's TLAC Term Sheet (“**FSB TLAC Term Sheet**”), by adapting, among others, the existing regime relating to the specific MREL with aim of reducing risks in the banking sector and further reinforcing institutions’ ability to withstand potential shocks will strengthen the banking union and reduce risks in the financial system.

The TLAC will be implemented in accordance with the FSB TLAC Term Sheet, which impose a level of “Minimum TLAC” that will be determined individually for each global systemically important bank (“**G-SIB**”), such as Societe Generale, in an amount at least equal to (i) 16%, plus applicable buffers, of risk weight assets through January 1, 2022 and 18%, plus applicable buffers, thereafter and (ii) 6% of the Basel III leverage ratio denominator through January 1, 2022 and 6.75% thereafter (each of which could be extended by additional firm-specific requirements).

According to Regulation (EU) No 575/2013 of the European Parliament and of the Council of 26 June 2013 on prudential requirements for credit institutions and investment firms (the “**CRR**”), as amended by Regulation (EU) 2019/876 of the European Parliament and of the Council of 20 May 2019 amending the CRR as regards the leverage ratio, the net stable funding ratio, requirements for own funds and eligible liabilities, counterparty credit risk, market risk, exposures to central counterparties, exposures to collective investment undertakings, large exposures, reporting and disclosure requirements (the “**CRR II**”), EU G-SIBs, such as Societe Generale, will have to comply with TLAC requirements, on top of the MREL requirements, as from the entry into force of the CRR II. As such, G-SIBs, such as Societe Generale will have to comply at the same time with TLAC and MREL requirements.

Consequently, criteria for MREL-eligible liabilities will be closely aligned with those laid down in the CRR, as amended by the CRR II for the TLAC-eligible liabilities, but subject to the complementary adjustments and requirements introduced in the BRRD II. In particular, certain debt instruments with an embedded derivative component, such as certain structured notes, will be eligible, subject to certain conditions, to meet the MREL requirements to the extent that they have a fixed or increasing principal amount repayable at maturity that is known in advance while only an additional return is linked to that derivative component and depends on the performance of a reference asset.

The level of capital and eligible liabilities required under MREL will be set by the SRB for Societe Generale on an individual and/or consolidated basis based on certain criteria including systemic importance any may also be set for SG Issuer. Eligible liabilities may be senior or subordinated, provided, among other requirements, that they have a remaining maturity of at least one year and, if governed by non-EU law, they must be able to be written down or converted under that law (including through contractual provisions).

The scope of liabilities used to meet the MREL includes, in principle, all liabilities resulting from claims arising from ordinary unsecured creditors (non-subordinated liabilities) unless they do not meet specific eligibility criteria set out in the BRRD, as amended by the BRRD II. To enhance the resolvability of institutions and entities through an effective use of the bail-in tool, the SRB should be able to require that the MREL be met with own funds and other subordinated liabilities, in particular where there are clear indications that bailed-in creditors are likely to bear losses in resolution that would exceed the losses that they would incur under normal insolvency proceedings. Moreover the SRB should assess the need to require institutions and entities to meet the MREL with own funds and other subordinated liabilities where the amount of liabilities

excluded from the application of the bail-in tool reaches a certain threshold within a class of liabilities that includes MREL-eligible liabilities. Any subordination of debt instruments requested by the SRB for the MREL shall be without prejudice to the possibility to partly meet the TLAC requirements with non-subordinated debt instruments in accordance with the CRR, as amended by the CRR II, as permitted by the TLAC standard. Specific requirements apply to resolution groups with assets above EUR 100 billion (top-tier banks).

If the SRB finds that there could exist any obstacles to resolvability by the Issuer or the Guarantor and/or the Group, a higher MREL requirement could be imposed. Any failure by the Issuer or the Guarantor, as applicable, and/or the Group to comply with its MREL may have a material adverse effect on the Issuer's business, financial conditions and results of operations.

TERMS AND CONDITIONS OF THE CERTIFICATES

The following are the terms and conditions of the Certificates and should be read in conjunction with, and are qualified by reference to, the other information set out in this document and the Base Listing Document.

The Conditions are set out in the section headed “Terms and Conditions of the European Style Cash Settled Long/Short Certificates on Single Equities” in the Base Listing Document. For the purposes of the Conditions, the following terms shall have the following meanings:

Certificates:	16,700,000 European Style Cash Settled Short Certificates relating to the ordinary shares of Alibaba Group Holding Limited (the “Underlying Stock”)
ISIN:	LU2348850905
Company:	Alibaba Group Holding Limited (RIC: 9988.HK)
Underlying Price ³ and Source:	HK\$109.70 (Reuters)
Calculation Agent:	Société Générale
Strike Level:	Zero
Daily Leverage:	-5x (within the Leverage Inverse Strategy as described below)
Notional Amount per Certificate:	SGD 1.20
Management Fee (p.a.) ⁴ :	0.40%
Gap Premium (p.a.) ⁵ :	5.40%, is a hedging cost against extreme market movements overnight.
Stock Borrowing Cost ⁶ :	The annualised costs for borrowing stocks in order to take an inverse exposure on the Underlying Stock.
Rebalancing Cost ⁶ :	The transaction costs (if applicable), computed as a function of leverage and daily inverse performance of the Underlying Stock.
Launch Date:	28 March 2022
Closing Date:	1 April 2022

³ These figures are calculated as at, and based on information available to the Issuer on or about 1 April 2022. The Issuer is not obliged, and undertakes no responsibility to any person, to update or inform any person of any changes to the figures after 1 April 2022.

⁴ Please note that the Management Fee is calculated on a 360-day basis and may be increased up to a maximum of 3% p.a. on giving one month's notice to investors. Any increase in the Management Fee will be announced on the SGXNET. Please refer to “Fees and Charges” below for further details of the fees and charges payable and the maximum of such fees as well as other ongoing expenses that may be borne by the Certificates.

⁵ Please note that the Gap Premium is calculated on a 360-day basis.

⁶ These costs are embedded within the Leverage Inverse Strategy. Please note that the Stock Borrowing Cost may be changed on giving 5 Business Days' notice to investors. Any change in the Stock Borrowing Cost will be announced on the SGXNET.

Expected Listing Date:	4 April 2022
Last Trading Date:	The date falling 5 Business Days immediately preceding the Expiry Date, currently being 23 March 2023
Expiry Date:	30 March 2023 (if the Expiry Date is not a Business Day, then the Expiry Date shall fall on the preceding Business Day and subject to adjustment of the Valuation Date upon the occurrence of Market Disruption Events as set out in the Conditions of the Certificates)
Board Lot:	100 Certificates
Valuation Date:	29 March 2023 or if such day is not an Exchange Business Day, the immediately preceding Exchange Business Day.
Exercise:	The Certificates may only be exercised on the Expiry Date or if the Expiry Date is not a Business Day, the immediately preceding Business Day, in a Board Lot or integral multiples thereof. Certificate Holders shall not be required to deliver an exercise notice. Exercise of Certificates shall be determined by whether the Cash Settlement Amount (less any Exercise Expenses) is positive. If the Cash Settlement Amount (less any Exercise Expenses) is positive, all Certificates shall be deemed to have been automatically exercised at 10:00 a.m. (Singapore time) on the Expiry Date or if the Expiry Date is not a Business Day, the immediately preceding Business Day. The Cash Settlement Amount less the Exercise Expenses in respect of the Certificates shall be paid in the manner set out in Condition 4(c) of the Conditions. In the event the Cash Settlement Amount (less any Exercise Expenses) is zero, all Certificates shall be deemed to have expired at 10:00 a.m. (Singapore time) on the Expiry Date or if the Expiry Date is not a Business Day, the immediately preceding Business Day, and Certificate Holders shall not be entitled to receive any payment from the Issuer in respect of the Certificates.
Cash Settlement Amount:	<p>In respect of each Certificate, shall be an amount payable in the Settlement Currency equal to:</p> <p>Closing Level multiplied by the Notional Amount per Certificate</p> <p>Please refer to the “Information relating to the European Style Cash Settled Short Certificates on Single Equities” section on pages 43 to 58 of this document for examples and illustrations of the calculation of the Cash Settlement Amount.</p>
Hedging Fee Factor:	<p>In respect of each Certificate, shall be an amount calculated as: Product (for t from 2 to Valuation Date) of $(1 - \text{Management Fee} \times (\text{ACT}(t-1;t) \div 360)) \times (1 - \text{Gap Premium}(t-1) \times (\text{ACT}(t-1;t) \div 360))$, where:</p> <p>“t” refers to “Observation Date” which means each Underlying Stock Business Day (subject to Market Disruption Event) from (and including) the Underlying Stock Business Day immediately preceding</p>

the Expected Listing Date to the Valuation Date; and

ACT (t-1;t) means the number of calendar days between the Underlying Stock Business Day immediately preceding the Observation Date (which is “t-1”) (included) and the Observation Date (which is “t”) (excluded).

If the Issuer determines, in its sole discretion, that on any Observation Date a Market Disruption Event has occurred, then that Observation Date shall be postponed until the first succeeding Underlying Stock Business Day on which there is no Market Disruption Event, unless there is a Market Disruption Event on each of the five Underlying Stock Business Days immediately following the original date that, but for the Market Disruption Event, would have been an Observation Date. In that case, that fifth Underlying Stock Business Day shall be deemed to be the Observation Date notwithstanding the Market Disruption Event and the Issuer shall determine, its good faith estimate of the level of the Leverage Inverse Strategy and the value of the Certificate on that fifth Underlying Stock Business Day in accordance with the formula for and method of calculation last in effect prior to the occurrence of the first Market Disruption Event taking into account, inter alia, the exchange traded or quoted price of the Underlying Stock and the potential increased cost of hedging by the Issuer as a result of the occurrence of the Market Disruption Event.

An “**Underlying Stock Business Day**” is a day on which The Stock Exchange of Hong Kong Limited (the “**HKEX**”) is open for dealings in Hong Kong during its normal trading hours and banks are open for business in Hong Kong.

Please refer to the “Information relating to the European Style Cash Settled Short Certificates on Single Equities” section on pages 43 to 58 of this document for examples and illustrations of the calculation of the Hedging Fee Factor.

Closing Level: In respect of each Certificate, shall be an amount payable in the Settlement Currency equal to:

$$\left(\frac{\text{Final Reference Level} \times \text{Final Exchange Rate}}{\text{Initial Reference Level} \times \text{Initial Exchange Rate}} - \text{Strike Level} \right) \times \text{Hedging Fee Factor}$$

Initial Reference Level: 1,000

Final Reference Level: The closing level of the Leverage Inverse Strategy (as described below) on the Valuation Date

The calculation of the closing level of the Leverage Inverse Strategy is set out in the “Specific Definitions relating to the Leverage Inverse Strategy” section on pages 20 to 26 below.

Initial Exchange Rate³: 0.1731

Final Exchange Rate: The rate for the conversion of HKD to SGD as at 5:00pm (Singapore

Time) on the Valuation Date as shown on Reuters, provided that if the Reuters service ceases to display such information, as determined by the Issuer by reference to such source(s) as the Issuer may reasonably determine to be appropriate at such a time.

Air Bag Mechanism:

The “**Air Bag Mechanism**” refers to the mechanism built in the Leverage Inverse Strategy and which is designed to reduce the Leverage Inverse Strategy exposure to the Underlying Stock during extreme market conditions. If the Underlying Stock rises by 15% or more (“**Air Bag Trigger Price**”) during the trading day (which represents approximately 75% loss after a 5 times inverse leverage), the Air Bag Mechanism is triggered and the Leverage Inverse Strategy is adjusted intra-day. The Air Bag Mechanism reduces the impact on the Leverage Inverse Strategy if the Underlying Stock rises further, but will also maintain a reduced exposure to the Underlying Stock in the event the Underlying Stock starts to fall after the Air Bag Mechanism is triggered, thereby reducing its ability to recoup losses.

Trading of Certificates is suspended for at least 30 minutes after the Air Bag is triggered.

The Leverage Inverse Strategy is floored at 0 and the Certificates cannot be valued below zero.

Please refer to the “Extraordinary Strategy Adjustment for Performance Reasons (“Air Bag Mechanism”)” section on pages 24 to 26 below and the “Description of Air Bag Mechanism” section on pages 49 to 53 of this document for further information of the Air Bag Mechanism.

Adjustments and Extraordinary Events:

The Issuer has the right to make adjustments to the terms of the Certificates if certain events, including any capitalisation issue, rights issue, extraordinary distributions, merger, delisting, insolvency (as more specifically set out in the terms and conditions of the Certificates) occur in respect of the Underlying Stock. For the avoidance of doubt, no notice will be given if the Issuer determines that adjustments will not be made.

Underlying Stock Currency:

Hong Kong Dollar (“**HKD**”)

Settlement Currency:

Singapore Dollar (“**SGD**”)

Exercise Expenses:

Certificate Holders will be required to pay all charges which are incurred in respect of the exercise of the Certificates.

Relevant Stock Exchange for the Certificates:

The Singapore Exchange Securities Trading Limited (the “**SGX-ST**”)

Relevant Stock Exchange for the Underlying Stock:

HKEX

Business Day and Exchange

A “**Business Day**” is a day on which the SGX-ST is open for dealings in Singapore during its normal trading hours and banks are open for

Business Day:	business in Singapore. An “ Exchange Business Day ” is a day on which the SGX-ST and the HKEX are open for dealings in Singapore and Hong Kong respectively during its normal trading hours and banks are open for business in Singapore and Hong Kong.
Warrant Agent:	The Central Depository (Pte) Limited (“ CDP ”)
Clearing System:	CDP
Fees and Charges:	<p>Normal transaction and brokerage fees shall apply to the trading of the Certificates on the SGX-ST. Investors should note that they may be required to pay stamp taxes or other documentary charges in accordance with the laws and practices of the country where the Certificates are transferred. Investors who are in any doubt as to their tax position should consult their own independent tax advisers. In addition, investors should be aware that tax regulations and their application by the relevant taxation authorities change from time to time. Accordingly, it is not possible to predict the precise tax treatment which will apply at any given time.</p> <p>Investors holding position overnight would also be required to bear the Management Fee and Gap Premium, which are calculated daily and applied to the value of the Certificates, as well as certain costs embedded within the Leverage Inverse Strategy including the Stock Borrowing Cost and Rebalancing Cost. The Management Fee may be increased up to a maximum of 3% p.a. on giving one month’s notice to investors in accordance with the terms and conditions of the Certificates. Any increase in the Management Fee will be announced on the SGXNET.</p>
Further Information:	Please refer to the website at dlc.socgen.com for more information on the theoretical closing price of the Certificates on the previous trading day, the closing price of the Underlying Stock on the previous trading day, the Air Bag Trigger Price for each trading day and the Management Fee and Gap Premium.

Specific Definitions relating to the Leverage Inverse Strategy

Description of the Leverage Inverse Strategy

The Leverage Inverse Strategy is designed to track a 5 times daily leveraged inverse exposure to the Underlying Stock.

At the end of each trading day of the Underlying Stock, the exposure of the Leverage Inverse Strategy to the Underlying Stock is reset within the Leverage Inverse Strategy in order to retain a daily leverage of 5 times the inverse performance of the Underlying Stock (excluding costs) regardless of the performance of the Underlying Stock on the preceding day. This mechanism is referred to as the Daily Reset.

The Leverage Inverse Strategy incorporates an air bag mechanism which is designed to reduce exposure to the Underlying Stock during extreme market conditions, as further described below.

Leverage Inverse Strategy Formula

LSL_t	<p>means, for any Observation Date(t), the Leverage Inverse Strategy Closing Level as of such day (t).</p> <p>Subject to the occurrence of an Intraday Restrike Event, the Leverage Inverse Strategy Closing Level as of such Observation Date(t) is calculated in accordance with the following formulae:</p> <p>On Observation Date(1):</p> $LSL_1 = 1000$ <p>On each subsequent Observation Date(t):</p> $LSL_t = \text{Max}[LSL_{t-1} \times (1 + LR_{t-1,t} - FC_{t-1,t} - SB_{t-1,t} - RC_{t-1,t}), 0]$
LR_{t-1,t}	<p>means the Leveraged Return of the Underlying Stock between Observation Date(t-1) and Observation Date(t) closing prices, calculated as follows:</p> $LR_{t-1,t} = \text{Leverage} \times \left(\frac{S_t}{S_{t-1} \times R_{factor_t}} - 1 \right)$
FC_{t-1,t}	<p>means, the Funding Cost between Observation Date(t-1) (included) and Observation Date(t) (excluded) calculated as follows:</p> $FC_{t-1,t} = (\text{Leverage} - 1) \times \frac{\text{Rate}_{t-1} \times \text{ACT}(t-1,t)}{\text{DayCountBasisRate}}$
SB_{t-1,t}	<p>means the Stock Borrowing Cost between Observation Date(t-1) (included) and Observation Date(t) (excluded) calculated as follows :</p> $SB_{t-1,t} = -\text{Leverage} \times \frac{\text{CB} \times \text{ACT}(t-1,t)}{\text{DayCountBasisRate}}$
CB	<p>means the Cost of Borrowing applicable that is equal to 2.00%.</p>
RC_{t-1,t}	<p>means the Rebalancing Cost of the Leverage Inverse Strategy on Observation Date (t), calculated as follows:</p> $RC_{t-1,t} = \text{Leverage} \times (\text{Leverage} - 1) \times \left(\left \frac{S_t}{S_{t-1} \times R_{factor_t}} - 1 \right \right) \times \text{TC}$
TC	<p>means the Transaction Costs applicable (including Stamp Duty and any other applicable taxes, levies and costs which may be levied on the stock transactions on the Relevant Stock Exchange for the Underlying Stock by the applicable regulatory authorities from time to time) that are currently equal to :</p> <p>0.13%</p> <p>“Stamp Duty” refers to the applicable rate of stamp duty on the stock transactions in the jurisdiction of the Relevant Stock Exchange for the Underlying Stock, which may be changed by the applicable regulatory authorities from time to time.</p>

Leverage	-5
S_t	means, in respect of each Observation Date(t), the Closing Price of the Underlying Stock as of such Observation Date(t), subject to the adjustments and provisions of the Conditions.
$Rate_t$	means, in respect of each Observation Date(t), the Overnight HKD Hong Kong Interbank Offered Rate (HIBOR) Fixing, as published on Reuters RIC HCHKDOND= or any successor page, being the rate as of day (t), provided that if any of such rate is not available, then that rate shall be determined by reference to the latest available rate that was published on the relevant Reuters page. Upon the occurrence or likely occurrence, as determined by the Calculation Agent, of modification, the permanent or indefinite cancellation or cessation in the provision of HIBOR, or a regulator or other official sector entity prohibits the use of HIBOR, the Calculation Agent may make adjustments as it may determine appropriate to account for the relevant event or circumstance, including but not limited to using any alternative rates from such date, with or without retroactive effect as the Calculation Agent may in its sole and absolute discretion determine.
$Rfactor_t$	<p>means, in the event Observation Date (t) is an ex-dividend date of the Underlying Stock, an amount determined by the Calculation Agent, subject to the adjustments and provisions of the Conditions, according to the following formula :</p> $Rfactor_t = 1 - \frac{Div_t}{S_{t-1}}$ <p>where</p> <p>Div_t is the dividend to be paid out in respect of the Underlying Stock and the relevant ex-dividend date which shall be considered gross of any applicable withholding taxes.</p>
ACT(t-1,t)	ACT (t-1;t) means the number of calendar days between the Underlying Stock Business Day immediately preceding the Observation Date (which is "t-1") (included) and the Observation Date (which is "t") (excluded).
DayCountBasisRate	365
Benchmark Fallback	upon the occurrence or likely occurrence, as determined by the Calculation Agent, of a Reference Rate Event, the Calculation Agent may make adjustments as it may determine appropriate to account for the relevant event or circumstance, including but not limited to using any alternative rates from such date, with or without retroactive effect as the Calculation Agent may in its sole and absolute discretion determine.
Reference Rate Event	<p>means, in respect of the Reference Rate any of the following has occurred or will occur:</p> <p>(i) a Reference Rate Cessation;</p>

(ii) an Administrator/Benchmark Event; or

(iii) a Reference Rate is, with respect to over-the-counter derivatives transactions which reference such Reference Rate, the subject of any market-wide development formally agreed upon by the International Swaps and Derivative Association (ISDA) or the Asia Securities Industry & Financial Markets Association (ASIFMA), pursuant to which such Reference Rate is, on a specified date, replaced with a risk-free rate (or near risk-free rate) established in order to comply with the recommendations in the Financial Stability Board's paper titled "Reforming Major Interest Rate Benchmarks" dated 22 July 2014.

Reference Rate Cessation

means, for a Reference Rate, the occurrence of one or more of the following events:

(i) a public statement or publication of information by or on behalf of the administrator of the Reference Rate announcing that it has ceased or will cease to provide the Reference 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 Reference Rate;

(ii) a public statement or publication of information by the regulatory supervisor for the administrator of the Reference Rate, the central bank for the currency of the Reference Rate, an insolvency official with jurisdiction over the administrator for the Reference Rate, a resolution authority with jurisdiction over the administrator for the Reference Rate or a court or an entity with similar insolvency or resolution authority over the administrator for the Reference Rate, which states that the administrator of the Reference Rate has ceased or will cease to provide the Reference 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 Reference Rate; or

(iii) in respect of a Reference Rate, a public statement or publication of information by the regulatory supervisor for the administrator of such Reference Rate announcing that (a) the regulatory supervisor has determined that such Reference Rate is no longer, or as of a specified future date will no longer be, representative of the underlying market and economic reality that such Reference Rate is intended to measure and that representativeness will not be restored and (b) it is being made in the awareness that the statement or publication will engage certain contractual triggers for fallbacks activated by pre-cessation announcements by such supervisor (howsoever described) in contracts;

Administrator/Benchmark Event

means, for a Reference Rate, any authorisation, registration, recognition, endorsement, equivalence decision, approval or inclusion in any official register in respect of the Reference Rate or the administrator or sponsor of the 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 either the Issuer, the Calculation Agent or any other entity is not, or will not be, permitted under any applicable law or

regulation to use the Reference Rate to perform its or their respective obligations under the Certificates.

Reference Rate(s) means the rate(s) used in the Leverage Inverse Strategy Formula, for example SORA, SOFR and US Federal Funds Effective Rate.

Extraordinary Strategy Adjustment for Performance Reasons (“Air Bag Mechanism”)

Extraordinary Strategy Adjustment for Performance Reasons If the Calculation Agent determines that an Intraday Restrike Event has occurred during an Observation Date(t) (the **Intraday Restrike Date**, noted hereafter **IRD**), an adjustment (an **Extraordinary Strategy Adjustment for Performance Reasons**) shall take place during such Observation Date(t) in accordance with the following provisions.

(1) Provided the last Intraday Restrike Observation Period as of such Intraday Restrike Date does not end on the TimeReferenceClosing, the Leverage Inverse Strategy Closing Level on the Intraday Restrike Date (LSL_{IRD}) should be computed as follows :

$$LSL_{IRD} = \text{Max}[ILSL_{IR(n)} \times (1 + ILR_{IR(n),IR(C)} - IRC_{IR(n),IR(C)}), 0]$$

(2) If the last Intraday Restrike Event Observation Period on the relevant Intraday Restrike Date ends on the TimeReferenceClosing:

$$LSL_{IRD} = \text{Max}[ILSL_{IR(n)}, 0]$$

$ILSL_{IR(k)}$ means, in respect of $IR(k)$, the Intraday Leverage Inverse Strategy Level in accordance with the following provisions :

(1) for $k = 1$:

$$ILSL_{IR(1)} = \text{Max}[LSL_{IRD-1} \times (1 + ILR_{IR(0),IR(1)} - FC_{IRD-1,IRD} - SB_{IRD-1,IRD} - IRC_{IR(0),IR(1)}), 0]$$

(2) for $k > 1$:

$$ILSL_{IR(k)} = \text{Max}[ILSL_{IR(k-1)} \times (1 + ILR_{IR(k-1),IR(k)} - IRC_{IR(k-1),IR(k)}), 0]$$

$ILR_{IR(k-1),IR(k)}$ means the Intraday Leveraged Return between $IR(k-1)$ and $IR(k)$, calculated as follows :

$$ILR_{IR(k-1),IR(k)} = \text{Leverage} \times \left(\frac{IS_{IR(k)}}{IS_{IR(k-1)}} - 1 \right)$$

$IRC_{IR(k-1),IR(k)}$ means the Intraday Rebalancing Cost of the Leverage Inverse Strategy in respect of $IR(k)$ on a given Intraday Restrike Date, calculated as follows :

$$IRC_{IR(k-1),IR(k)} = \text{Leverage} \times (\text{Leverage} - 1) \times \left(\left| \frac{IS_{IR(k)}}{IS_{IR(k-1)}} - 1 \right| \right) \times TC$$

$IS_{IR(k)}$ means the Underlying Stock Price in respect of $IR(k)$ computed as follows :

(1) for $k=0$

$$IS_{IR(0)} = S_{IRD-1} \times Rfactor_{IRD}$$

(2) for $k=1$ to n

means in respect of $IR(k)$, the highest price of the Underlying Stock during the respective Intraday Restrike Observation Period

(3) with respect to $IR(C)$

$$IS_{IR(C)} = S_{IRD}$$

In each case, subject to the adjustments and provisions of the Conditions.

$IR(k)$ For $k=0$, means the scheduled close for the Relevant Stock Exchange for the Underlying Stock (or any successor thereto) on the Observation Date immediately preceding the relevant Intraday Restrike Date;

For $k=1$ to n , means the k^{th} Intraday Restrike Event on the relevant Intraday Restrike Date.

$IR(C)$ means the scheduled close for the Relevant Stock Exchange for the Underlying Stock (or any successor thereto) on the relevant Intraday Restrike Date.

n means the number of Intraday Restrike Events that occurred on the relevant Intraday Restrike Date.

Intraday Restrike Event means in respect of an Observation Date(t) :

(1) provided no Intraday Restrike Event has previously occurred on such Observation Date (t), the increase at any Calculation Time of the Underlying Stock price by 15% or more compared with the relevant Underlying Stock Price $IS_{IR(0)}$ as of such Calculation Time.

(2) if k Intraday Restrike Events have occurred on the relevant Intraday Restrike Date, the increase at any Calculation Time of the Underlying Stock price by 15% or more compared with the relevant Underlying Stock Price $IS_{IR(k)}$ as of such Calculation Time.

Calculation Time means any time between the TimeReferenceOpening and the TimeReferenceClosing, provided that the relevant data is available to enable the Calculation Agent to determine the Leverage Inverse Strategy Level.

TimeReferenceOpening means the scheduled opening time for the Relevant Stock Exchange for the Underlying Stock (or any successor thereto).

TimeReferenceClosing means the scheduled closing time for the Relevant Stock Exchange for the Underlying Stock (or any successor thereto).

Intraday Restrike Event Observation Period means in respect of an Intraday Restrike Event, the period starting on and excluding the Intraday Restrike Event Time and finishing on and including the sooner between (1) the time falling 15 minutes after the Intraday Restrike Event Time and (2) the TimeReferenceClosing.

Where, during such period, the Calculation Agent determines that (1) the trading in the Underlying Stock is disrupted or subject to suspension or limitation or (2) the Relevant Stock Exchange for the Underlying Stock is not open for continuous trading, the Intraday Restrike Event Observation Period will be

extended to the extent necessary until (1) the trading in the Underlying Stock is no longer disrupted, suspended or limited and (2) the Relevant Stock Exchange for the Underlying Stock is open for continuous trading.

Intraday Restrike Event Time means in respect of an Intraday Restrike Event, the Calculation Time on which such event occurs.

The Conditions set out in the section headed “Terms and Conditions of the European Style Cash Settled Long/Short Certificates on Single Equities” in the Base Listing Document are set out below. This section is qualified in its entirety by reference to the detailed information appearing elsewhere in this document which shall, to the extent so specified or to the extent inconsistent with the relevant Conditions set out below, replace or modify the relevant Conditions for the purpose of the Certificates.

TERMS AND CONDITIONS OF THE EUROPEAN STYLE CASH SETTLED LONG/SHORT CERTIFICATES ON SINGLE EQUITIES

1. Form, Status and Guarantee, Transfer and Title

- (a) *Form.* The Certificates (which expression shall, unless the context otherwise requires, include any further certificates issued pursuant to Condition 11) are issued subject to and with the benefit of:-
- (i) a master instrument by way of deed poll (the “**Master Instrument**”) dated 18 June 2021, made by SG Issuer (the “**Issuer**”) and Société Générale (the “**Guarantor**”); and
 - (ii) a warrant agent agreement (the “**Master Warrant Agent Agreement**” or “**Warrant Agent Agreement**”) dated any time before or on the Closing Date, made between the Issuer and the Warrant Agent for the Certificates.

Copies of the Master Instrument and the Master Warrant Agent Agreement or Warrant Agent Agreement are available for inspection at the specified office of the Warrant Agent.

The holders of the Certificates (the “**Certificate Holders**”) are entitled to the benefit of, are bound by and are deemed to have notice of all the provisions of the Master Instrument and the Master Warrant Agent Agreement or Warrant Agent Agreement.

- (b) *Status and Guarantee.* The Certificates constitute direct, general and unsecured obligations of the Issuer and rank, and will rank, equally among themselves and *pari passu* with all other present and future unsecured and unsubordinated obligations of the Issuer (save for statutorily preferred exceptions). The Certificates provide for cash settlement on exercise. The Certificates do not entitle Certificate Holders to the delivery of any Underlying Stock, are not secured by the Underlying Stock and do not entitle Certificate Holders to any interest in any Underlying Stock.

The due and punctual payment of any amounts due by the Issuer in respect of the Certificates issued by the Issuer is unconditionally and irrevocably guaranteed by the Guarantor as provided in the Guarantee (each such amount payable under the Guarantee, a “**Guarantee Obligation**”).

The Guarantee Obligations will constitute direct, unconditional, unsecured and unsubordinated obligations of the Guarantor ranking as senior preferred obligations as provided for in Article L. 613-30-3 I 3° of the French Code *Monétaire et Financier* (the “**Code**”).

Such Guarantee Obligations rank and will rank equally and rateably without any preference or priority among themselves and:

- (i) *pari passu* with all other direct, unconditional, unsecured and unsubordinated obligations of the Guarantor outstanding as of the date of the entry into force of the law no. 2016-1691 (the “**Law**”) on 11 December 2016;
- (ii) *pari passu* with all other present or future direct, unconditional, unsecured and senior preferred obligations (as provided for in Article L. 613-30-3 I 3° of the Code) of the Guarantor issued after the date of the entry into force of the Law on 11 December 2016;
- (iii) junior to all present or future claims of the Guarantor benefiting from the statutorily preferred exceptions; and
- (iv) senior to all present and future senior non-preferred obligations (as provided for in Article L.613-30-3 I 4° of the Code) of the Guarantor.

In the event of the failure of the Issuer to promptly perform its obligations to any Certificate Holder under the terms of the Certificates, such Certificate Holder may, but is not obliged to, give written notice to the Guarantor at Société Générale, Tour Société Générale, 75886 Paris Cedex 18, France marked for the attention of SEGL/JUR/OMF - Market Transactions & Financing.

- (c) **Transfer.** The Certificates are represented by a global warrant certificate (“**Global Warrant**”) which will be deposited with The Central Depository (Pte) Limited (“**CDP**”). Certificates in definitive form will not be issued. Transfers of Certificates may be effected only in Board Lots or integral multiples thereof. All transactions in (including transfers of) Certificates, in the open market or otherwise, must be effected through a securities account with CDP. Title will pass upon registration of the transfer in the records maintained by CDP.
- (d) **Title.** Each person who is for the time being shown in the records maintained by CDP as entitled to a particular number of Certificates shall be treated by the Issuer, the Guarantor and the Warrant Agent as the holder and absolute owner of such number of Certificates, notwithstanding any notice to the contrary. The expression “**Certificate Holder**” shall be construed accordingly.
- (e) **Bail-In.** By the acquisition of Certificates, each Certificate Holder (which, for the purposes of this Condition, includes any current or future holder of a beneficial interest in the Certificates) acknowledges, accepts, consents and agrees:
 - (i) to be bound by the effect of the exercise of the Bail-In Power (as defined below) by the Relevant Resolution Authority (as defined below) on the Issuer’s liabilities under the Certificates, which may include and result in any of the following, or some combination thereof:
 - (A) the reduction of all, or a portion, of the Amounts Due (as defined below), on a permanent basis;
 - (B) the conversion of all, or a portion, of the Amounts Due into shares, other securities or other obligations of the Issuer or the Guarantor or another person (and the issue to the Certificate Holder of such shares, securities or obligations), including by means of an amendment, modification or variation of the Conditions of the Certificates, in which case the Certificate Holder agrees to accept in lieu of its rights under the Certificates any such shares, other securities or other obligations of the Issuer or the Guarantor or another person;

- (C) the cancellation of the Certificates; and/or
- (D) the amendment or alteration of the expiration of the Certificates or amendment of the amounts payable on the Certificates, or the date on which the amounts become payable, including by suspending payment for a temporary period; and

that terms of the Certificates are subject to, and may be varied, if necessary, to give effect to the exercise of the Bail-In Power by the Relevant Resolution Authority or the regulator,

(the “**Statutory Bail-In**”);

- (ii) if the Relevant Resolution Authority exercises its Bail-In Power on liabilities of the Guarantor, pursuant to Article L.613-30-3-I-3 of the French Monetary and Financial Code (the “**M&F Code**”):

- (A) ranking:
 - (1) junior to liabilities of the Guarantor benefitting from statutorily preferred exceptions pursuant to Article L.613-30-3-I 1° and 2 of the M&F Code;
 - (2) *pari passu* with liabilities of the Guarantor as defined in Article L.613-30-3-I-3 of the M&F Code; and
 - (3) senior to liabilities of the Guarantor as defined in Article L.613-30-3-I-4 of the M&F Code; and
- (B) which are not *titres non structurés* as defined under Article R.613-28 of the M&F Code, and
- (C) which are not or are no longer eligible to be taken into account for the purposes of the MREL (as defined below) ratio of the Guarantor

and such exercise of the Bail-In Power results in the write-down or cancellation of all, or a portion of, the principal amount of, or the outstanding amount payable in respect of, and/or interest on, such liabilities, and/or the conversion of all, or a portion, of the principal amount of, or the outstanding amount payable in respect of, or interest on, such liabilities into shares or other securities or other obligations of the Guarantor or another person, including by means of variation to their terms and conditions in order to give effect to such exercise of Bail-In Power, then the Issuer’s obligations under the Certificates will be limited to (i) payment of the amount as reduced or cancelled that would be recoverable by the Certificate Holders and/or (ii) the delivery or the payment of value of the shares or other securities or other obligations of the Guarantor or another person that would be paid or delivered to the Certificate Holders as if, in either case, the Certificates had been directly issued by the Guarantor itself, and as if any Amount Due under the Certificates had accordingly been directly subject to the exercise of the Bail-In Power (the “**Contractual Bail-in**”).

No repayment or payment of the Amounts Due will become due and payable or be paid after the exercise of the Statutory Bail-In with respect to the Issuer or 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 the Guarantor under the applicable laws and regulations in effect in France or Luxembourg

and the European Union applicable to the Issuer or the Guarantor or other members of its group.

No repayment or payment of the Amounts Due will become due and payable or be paid under the Certificates issued by SG Issuer after implementation of the Contractual Bail-in.

Upon the exercise of the Statutory Bail-in or upon implementation of the Contractual Bail-in with respect to the Certificates, the Issuer or the Guarantor will provide a written notice to the Certificate Holders in accordance with Condition 9 as soon as practicable regarding such exercise of the Statutory Bail-in or implementation of the Contractual Bail-in. Any delay or failure by the Issuer or the Guarantor to give notice shall not affect the validity and enforceability of the Statutory Bail-in or Contractual Bail-in nor the effects on the Certificates described above.

Neither a cancellation of the Certificates, a reduction, in part or in full, of the Amounts Due, the conversion thereof into another security or obligation of the Issuer or the Guarantor or another person, as a result of the exercise of the Statutory Bail-in or the implementation of the Contractual Bail-in with respect to the Certificates will be an event of default or otherwise constitute non-performance of a contractual obligation, or entitle the Certificate Holder to any remedies (including equitable remedies) which are hereby expressly waived.

The matters set forth in this Condition shall be exhaustive on the foregoing matters to the exclusion of any other agreements, arrangements or understandings between the Issuer, the Guarantor and each Certificate Holder. No expenses necessary for the procedures under this Condition, including, but not limited to, those incurred by the Issuer and the Guarantor, shall be borne by any Certificate Holder.

For the purposes of this Condition:

"Amounts Due" means any amounts due by the Issuer under the Certificates.

"Bail-In Power" means any statutory cancellation, write-down and/or conversion power existing from time to time under any laws, regulations, rules or requirements relating to the resolution of banks, banking group companies, credit institutions and/or investment firms, including but not limited to any such laws, regulations, rules or requirements that are implemented, adopted or enacted within the context of a European Union directive or regulation of the European Parliament and of the Council establishing a framework for the recovery and resolution of credit institutions and investment firms, or any other applicable laws or regulations, as amended, or otherwise, pursuant to which obligations of a bank, banking group company, credit institution or investment firm or any of its affiliates can be reduced, cancelled and/or converted into shares or other securities or obligations of the obligor or any other person.

"MREL" means the Minimum Requirement for own funds and Eligible Liabilities as defined in 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).

"Relevant Resolution Authority" means any authority with the ability to exercise the Bail-in Power on Societe Generale or SG Issuer as the case may be.

2. Certificate Rights and Exercise Expenses

- (a) **Certificate Rights.** Every Certificate entitles each Certificate Holder, upon due exercise and on compliance with Condition 4, to payment by the Issuer of the Cash Settlement Amount (as defined below) (if any) in the manner set out in Condition 4.

The “**Cash Settlement Amount**”, in respect of each Certificate, shall be an amount payable in the Settlement Currency equal to the Closing Level multiplied by the Notional Amount per Certificate.

The “**Closing Level**”, in respect of each Certificate, shall be an amount payable in the Settlement Currency equal to:

$$\left(\frac{\text{Final Reference Level} \times \text{Final Exchange Rate}}{\text{Initial Reference Level} \times \text{Initial Exchange Rate}} - \text{Strike Level} \right) \times \text{Hedging Fee Factor}$$

If the Issuer determines, in its sole discretion, that on the Valuation Date or any Observation Date a Market Disruption Event has occurred, then that Valuation Date or Observation Date shall be postponed until the first succeeding Exchange Business Day or Underlying Stock Business Day, as the case may be, on which there is no Market Disruption Event, unless there is a Market Disruption Event on each of the five Exchange Business Days or Underlying Stock Business Days, as the case may be, immediately following the original date that, but for the Market Disruption Event, would have been a Valuation Date or an Observation Date. In that case:-

- (i) that fifth Exchange Business Day or Underlying Stock Business Day, as the case may be, shall be deemed to be the Valuation Date or the Observation Date notwithstanding the Market Disruption Event; and
- (ii) the Issuer shall determine the Final Reference Level or the relevant closing level on the basis of its good faith estimate of the Final Reference Level or the relevant closing level that would have prevailed on that fifth Exchange Business Day or Underlying Stock Business Day, as the case may be, but for the Market Disruption Event.

“**Market Disruption Event**” means the occurrence or existence of (i) any suspension of trading on the Relevant Stock Exchange of the Underlying Stock requested by the Company if that suspension is, in the determination of the Issuer, material, (ii) any suspension of or limitation imposed on trading (including but not limited to unforeseen circumstances such as by reason of movements in price exceeding limits permitted by the Relevant Stock Exchange or any act of God, war, riot, public disorder, explosion, terrorism or otherwise) on the Relevant Stock Exchange in the Underlying Stock if that suspension or limitation is, in the determination of the Issuer, material, or (iii) the closing of the Relevant Stock Exchange or a disruption to trading on the Relevant Stock Exchange if that disruption is, in the determination of the Issuer, material as a result of the occurrence of any act of God, war, riot, public disorder, explosion or terrorism.

- (b) **Exercise Expenses.** Certificate Holders will be required to pay all charges which are incurred in respect of the exercise of the Certificates (the “**Exercise Expenses**”). An amount equivalent to the Exercise Expenses will be deducted by the Issuer from the Cash Settlement Amount in accordance with Condition 4. Notwithstanding the foregoing, the Certificate Holders shall account to the Issuer on demand for any Exercise Expenses to the extent that they were not or could not be deducted from the Cash Settlement Amount prior to the date of payment of the Cash Settlement Amount

to the Certificate Holders in accordance with Condition 4.

- (c) **No Rights.** The purchase of Certificates does not confer on the Certificate Holders any right (whether in respect of voting, dividend or other distributions in respect of the Underlying Stock or otherwise) which the holder of an Underlying Stock may have.

3. **Expiry Date**

Unless automatically exercised in accordance with Condition 4(b), the Certificates shall be deemed to expire at 10:00 a.m. (Singapore time) on the Expiry Date or if the Expiry Date is not a Business Day (as defined below), the immediately preceding Business Day.

4. **Exercise of Certificates**

- (a) **Exercise.** Certificates may only be exercised on the Expiry Date or if the Expiry Date is not a Business Day, the immediately preceding Business Day, in accordance with Condition 4(b).
- (b) **Automatic Exercise.** Certificate Holders shall not be required to deliver an exercise notice. Exercise of Certificates shall be determined by whether the Cash Settlement Amount (less any Exercise Expenses) is positive. If the Cash Settlement Amount (less any Exercise Expenses) is positive, all Certificates shall be deemed to have been automatically exercised at 10:00 a.m. (Singapore time) on the Expiry Date or if the Expiry Date is not a Business Day, the immediately preceding Business Day. The Cash Settlement Amount less the Exercise Expenses in respect of the Certificates shall be paid in the manner set out in Condition 4(c) below. In the event the Cash Settlement Amount (less any Exercise Expenses) is zero, all Certificates shall be deemed to have expired at 10:00 a.m. (Singapore time) on the Expiry Date or if the Expiry Date is not a Business Day, the immediately preceding Business Day, and Certificate Holders shall not be entitled to receive any payment from the Issuer in respect of the Certificates.
- (c) **Settlement.** In respect of Certificates which are automatically exercised in accordance with Condition 4(b), the Issuer will pay to the relevant Certificate Holder the Cash Settlement Amount (if any) in the Settlement Currency. The aggregate Cash Settlement Amount (less any Exercise Expenses) shall be despatched as soon as practicable and no later than five Business Days following the Expiry Date by way of crossed cheque or other payment in immediately available funds drawn in favour of the Certificate Holder only (or, in the case of joint Certificate Holders, the first-named Certificate Holder) appearing in the records maintained by CDP. Any payment made pursuant to this Condition 4(c) shall be delivered at the risk and expense of the Certificate Holder and posted to the Certificate Holder's address appearing in the records maintained by CDP (or, in the case of joint Certificate Holders, to the address of the first-named Certificate Holder appearing in the records maintained by CDP). If the Cash Settlement Amount is equal to or less than the determined Exercise Expenses, no amount is payable.
- (d) **CDP not liable.** CDP shall not be liable to any Certificate Holder with respect to any action taken or omitted to be taken by the Issuer or the Warrant Agent in connection with the exercise of the Certificates or otherwise pursuant to or in connection with these Conditions.
- (e) **Business Day.** In these Conditions, a "**Business Day**" shall be a day on which the SGX-ST is open for dealings in Singapore during its normal trading hours and banks are open for business in Singapore.

5. Warrant Agent

- (a) *Warrant Agent.* The Issuer reserves the right, subject to the appointment of a successor, at any time to vary or terminate the appointment of the Warrant Agent and to appoint another Warrant Agent provided that it will at all times maintain a Warrant Agent which, so long as the Certificates are listed on the SGX-ST, shall be in Singapore. Notice of any such termination or appointment and of any change in the specified office of the Warrant Agent will be given to the Certificate Holders in accordance with Condition 9.
- (b) *Agent of Issuer.* The Warrant Agent will be acting as agent of the Issuer and will not assume any obligation or duty to or any relationship of agency or trust for the Certificate Holders. All determinations and calculations by the Warrant Agent under these Conditions shall (save in the case of manifest error) be final and binding on the Issuer and the Certificate Holders.

6. Adjustments

- (a) *Potential Adjustment Event.* Following the declaration by a Company of the terms of any Potential Adjustment Event (as defined below), the Issuer will determine whether such Potential Adjustment Event has a dilutive or concentrative or other effect on the theoretical value of the Underlying Stock and, if so, will (i) make the corresponding adjustment, if any, to any one or more of the Conditions as the Issuer determines appropriate to account for that dilutive or concentrative or other effect, and (ii) determine the effective date of that adjustment. The Issuer may, but need not, determine the appropriate adjustment by reference to the adjustment in respect of such Potential Adjustment Event made by an exchange on which options or futures contracts on the Underlying Stock are traded.
- (b) *Definitions.* **"Potential Adjustment Event"** means any of the following:
 - (i) a subdivision, consolidation, reclassification or other restructuring of the Underlying Stock (excluding a Merger Event) or a free distribution or dividend of any such Underlying Stock to existing holders by way of bonus, capitalisation or similar issue;
 - (ii) a distribution or dividend to existing holders of the Underlying Stock of (1) such Underlying Stock, or (2) other share capital or securities granting the right to payment of dividends and/or the proceeds of liquidation of the Company equally or proportionately with such payments to holders of such Underlying Stock, or (3) share capital or other securities of another issuer acquired by the Company as a result of a "spin-off" or other similar transaction, or (4) any other type of securities, rights or warrants or other assets, in any case for payment (in cash or otherwise) at less than the prevailing market price as determined by the Issuer;
 - (iii) an extraordinary dividend;
 - (iv) a call by the Company in respect of the Underlying Stock that is not fully paid;
 - (v) a repurchase by the Company of the Underlying Stock whether out of profits or capital and whether the consideration for such repurchase is cash, securities or otherwise;
 - (vi) with respect to a Company an event that results in any shareholder rights

pursuant to a shareholder rights agreement or other plan or arrangement of the type commonly referred to as a “poison pill” being distributed, or becoming separated from shares of common stock or other shares of the capital stock of such Company (provided that any adjustment effected as a result of such an event shall be readjusted upon any redemption of such rights); or

- (vii) any other event that may have, in the opinion of the Issuer, a dilutive or concentrative or other effect on the theoretical value of the Underlying Stock.
- (c) *Merger Event, Tender Offer, Nationalisation and Insolvency.* If a Merger Event, Tender Offer, Nationalisation or Insolvency occurs in relation to the Underlying Stock, the Issuer may take any action described below:
- (i) determine the appropriate adjustment, if any, to be made to any one or more of the Conditions to account for the Merger Event, Tender Offer, Nationalisation or Insolvency, as the case may be, and determine the effective date of that adjustment. The Issuer may, but need not, determine the appropriate adjustment by reference to the adjustment in respect of the Merger Event, Tender Offer, Nationalisation or Insolvency made by an options exchange to options on the Underlying Stock traded on that options exchange;
 - (ii) cancel the Certificates by giving notice to the Certificate Holders in accordance with Condition 9. If the Certificates are so cancelled, the Issuer will pay an amount to each Certificate Holder in respect of each Certificate held by such Certificate Holder which amount shall be the fair market value of a Certificate taking into account the Merger Event, Tender Offer, Nationalisation or Insolvency, as the case may be, less the cost to the Issuer and/or any of its affiliates of unwinding any underlying related hedging arrangements, all as determined by the Issuer in its reasonable discretion. Payment will be made in such manner as shall be notified to the Certificate Holders in accordance with Condition 9; or
 - (iii) following any adjustment to the settlement terms of options on the Underlying Stock on such exchange(s) or trading system(s) or quotation system(s) as the Issuer in its reasonable discretion shall select (the “**Option Reference Source**”) make a corresponding adjustment to any one or more of the Conditions, which adjustment will be effective as of the date determined by the Issuer to be the effective date of the corresponding adjustment made by the Option Reference Source. If options on the Underlying Stock are not traded on the Option Reference Source, the Issuer will make such adjustment, if any, to any one or more of the Conditions as the Issuer determines appropriate, with reference to the rules and precedents (if any) set by the Option Reference Source, to account for the Merger Event, Tender Offer, Nationalisation or Insolvency, as the case may be, that in the determination of the Issuer would have given rise to an adjustment by the Option Reference Source if such options were so traded.

Once the Issuer determines that its proposed course of action in connection with a Merger Event, Tender Offer, Nationalisation or Insolvency, it shall give notice to the Certificate Holders in accordance with Condition 9 stating the occurrence of the Merger Event, Tender Offer, Nationalisation or Insolvency, as the case may be, giving details thereof and the action proposed to be taken in relation thereto. Certificate Holders should be aware that due to the nature of such events, the Issuer will not make an

immediate determination of its proposed course of action or adjustment upon the announcement or occurrence of a Merger Event, Tender Offer, Nationalisation or Insolvency.

- (d) *Definitions.* “**Insolvency**” means that by reason of the voluntary or involuntary liquidation, bankruptcy, insolvency, dissolution or winding-up of or any analogous proceeding affecting a Company (i) all the Underlying Stock of that Company is required to be transferred to a trustee, liquidator or other similar official or (ii) holders of the Underlying Stock of that Company become legally prohibited from transferring them. “**Merger Date**” means the closing date of a Merger Event or, where a closing date cannot be determined under the local law applicable to such Merger Event, such other date as determined by the Issuer. “**Merger Event**” means, in respect of the Underlying Stock, any (i) reclassification or change of such Underlying Stock that results in a transfer of or an irrevocable commitment to transfer all of such Underlying Stock outstanding to another entity or person, (ii) consolidation, amalgamation, merger or binding share exchange of a Company with or into another entity or person (other than a consolidation, amalgamation, merger or binding share exchange in which such Company is the continuing entity and which does not result in reclassification or change of all of such Underlying Stock outstanding), (iii) takeover offer, exchange offer, solicitation, proposal or other event by any entity or person to purchase or otherwise obtain 100 per cent. of the outstanding Underlying Stock of the Company that results in a transfer of or an irrevocable commitment to transfer all such Underlying Stock (other than such Underlying Stock owned or controlled by such other entity or person), or (iv) consolidation, amalgamation, merger or binding share exchange of the Company or its subsidiaries with or into another entity in which the Company is the continuing entity and which does not result in a reclassification or change of all such Underlying Stock outstanding but results in the outstanding Underlying Stock (other than Underlying Stock owned or controlled by such other entity) immediately prior to such event collectively representing less than 50 per cent. of the outstanding Underlying Stock immediately following such event, in each case if the Merger Date is on or before the Valuation Date. “**Nationalisation**” means that all the Underlying Stock or all or substantially all of the assets of a Company are nationalised, expropriated or are otherwise required to be 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 10 per cent. and less than 100 per cent. of the outstanding voting shares of the Company, as determined by the Issuer, based upon the making of filings with governmental or self-regulatory agencies or such other information as the Issuer deems relevant.
- (e) *Other Adjustments.* Except as provided in this Condition 6 and Conditions 10 and 12, adjustments will not be made in any other circumstances, subject to the right reserved by the Issuer (such right to be exercised in the Issuer's sole discretion and without any obligation whatsoever) to make such adjustments and amendments as it believes appropriate in circumstances where an event or events occur which it believes in its sole discretion (and notwithstanding any prior adjustment made pursuant to the above) should, in the context of the issue of the Certificates and the obligations of the Issuer, give rise to such adjustment or, as the case may be, amendment provided that such adjustment or, as the case may be, amendment is considered by the Issuer not to be materially prejudicial to the Certificate Holders generally (without considering the

circumstances of any individual Certificate Holder or the tax or other consequences of such adjustment or amendment in any particular jurisdiction).

- (f) *Notice of Adjustments.* All determinations made by the Issuer pursuant hereto will be conclusive and binding on the Certificate Holders. The Issuer will give, or procure that there is given, notice as soon as practicable of any adjustment and of the date from which such adjustment is effective by publication in accordance with Condition 9. For the avoidance of doubt, no notice will be given if the Issuer determines that adjustments will not be made.

7. Purchases

The Issuer, the Guarantor or any of their respective subsidiaries may at any time purchase Certificates at any price in the open market or by tender or by private treaty. Any Certificates so purchased may be held or resold or surrendered for cancellation.

8. Meetings of Certificate Holders; Modification

- (a) *Meetings of Certificate Holders.* The Master Warrant Agent Agreement or Warrant Agent Agreement contains provisions for convening meetings of the Certificate Holders to consider any matter affecting their interests, including the sanctioning by Extraordinary Resolution (as defined in the Master Warrant Agent Agreement or Warrant Agent Agreement) of a modification of the provisions of the Certificates or of the Master Warrant Agent Agreement or Warrant Agent 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 the Certificate Holders.

Such a meeting may be convened by the Issuer or by Certificate Holders holding not less than ten per cent. of the Certificates for the time being remaining unexercised. The quorum at any such meeting for passing an Extraordinary Resolution will be two or more persons holding or representing not less than 25 per cent. of the Certificates for the time being remaining unexercised, or at any adjourned meeting, two or more persons being or representing Certificate Holders whatever the number of Certificates so held or represented.

A resolution will be an Extraordinary Resolution when it has been passed at a duly convened meeting by not less than three-quarters of the votes cast by such Certificate Holders who, being entitled to do so, vote in person or by proxy.

An Extraordinary Resolution passed at any meeting of the Certificate Holders shall be binding on all the Certificate Holders whether or not they are present at the meeting. Resolutions can be passed in writing if passed unanimously.

- (b) *Modification.* The Issuer may, without the consent of the Certificate Holders, effect (i) any modification of the provisions of the Certificates or the Master Instrument which is not materially prejudicial to the interests of the Certificate Holders or (ii) any modification of the provisions of the Certificates or the Master Instrument which is of a formal, minor or technical nature, which is made to correct an obvious error or which is necessary in order to comply with mandatory provisions of Singapore law. Any such modification shall be binding on the Certificate Holders and shall be notified to them by the Warrant Agent before the date such modification becomes effective or as soon as practicable thereafter in accordance with Condition 9.

9. Notices

- (a) *Documents.* All cheques and other documents required or permitted by these Conditions to be sent to a Certificate Holder or to which a Certificate Holder is entitled or which the Issuer shall have agreed to deliver to a Certificate Holder may be delivered by hand or sent by post addressed to the Certificate Holder at his address appearing in the records maintained by CDP or, in the case of joint Certificate Holders, addressed to the joint holder first named at his address appearing in the records maintained by CDP, and airmail post shall be used if that address is not in Singapore. All documents delivered or sent in accordance with this paragraph shall be delivered or sent at the risk of the relevant Certificate Holder.
- (b) *Notices.* All notices to Certificate Holders will be validly given if published in English on the web-site of the SGX-ST. Such notices shall be deemed to have been given on the date of the first such publication. If publication on the web-site of the SGX-ST is not practicable, notice will be given in such other manner as the Issuer may determine. The Issuer shall, at least one month prior to the expiry of any Certificate, give notice of the date of expiry of such Certificate in the manner prescribed above.

10. Liquidation

In the event of a liquidation or dissolution of the Company or the appointment of a liquidator (including a provisional liquidator) or receiver or judicial manager or trustee or administrator or analogous person under Singapore or other applicable law in respect of the whole or substantially the whole of its undertaking, property or assets, all unexercised Certificates will lapse and shall cease to be valid for any purpose, in the case of voluntary liquidation, on the effective date of the relevant resolution and, in the case of an involuntary liquidation or dissolution, on the date of the relevant court order or, in the case of the appointment of a liquidator (including a provisional liquidator) or receiver or judicial manager or trustee or administrator or analogous person under Singapore or other applicable law in respect of the whole or substantially the whole of its undertaking, property or assets, on the date when such appointment is effective but subject (in any such case) to any contrary mandatory requirement of law. In the event of the voluntary liquidation of the Company, the Issuer shall make such adjustments or amendments as it reasonably believes are appropriate in the circumstances.

11. Further Issues

The Issuer shall be at liberty from time to time, without the consent of the Certificate Holders, to create and issue further certificates so as to form a single series with the Certificates, subject to the approval of the SGX-ST.

12. Delisting

- (a) *Delisting.* If at any time, the Underlying Stock ceases to be listed on the Relevant Stock Exchange, the Issuer shall give effect to these Conditions in such manner and make such adjustments and amendments to the rights attaching to the Certificates as it shall, in its absolute discretion, consider appropriate to ensure, so far as it is reasonably able to do so, that the interests of the Certificate Holders generally are not materially prejudiced as a consequence of such delisting (without considering the individual circumstances of any Certificate Holder or the tax or other consequences that may result in any particular jurisdiction).
- (b) *Issuer's Determination.* The Issuer shall determine, in its absolute discretion, any adjustment or amendment and its determination shall be conclusive and binding on the Certificate Holders save in the case of manifest error. Notice of any adjustments or

amendments shall be given to the Certificate Holders in accordance with Condition 9 as soon as practicable after they are determined.

13. Early Termination

- (a) *Early Termination for Illegality and Force Majeure, etc.* If the Issuer determines that a Regulatory Event (as defined below) has occurred and, for reasons beyond its control, the performance of its obligations under the Certificates has become illegal or impractical in whole or in part for any reason, or the Issuer determines that, for reasons beyond its control, it is no longer legal or practical for it to maintain its hedging arrangements with respect to the Certificates for any reason, the Issuer may in its discretion and without obligation terminate the Certificates early in accordance with Condition 13(d).

Should any one or more of the provisions contained in the Conditions be or become invalid, the validity of the remaining provisions shall not in any way be affected thereby.

For the purposes of this Condition:

“Regulatory Event” means, following the occurrence of a Change in Law (as defined below) with respect to the Issuer and/or Société Générale as Guarantor or in any other capacity (including without limitation as hedging counterparty of the Issuer, market maker of the Certificates or direct or indirect shareholder or sponsor of the Issuer) or any of its affiliates involved in the issuer of the Certificates (hereafter the **“Relevant Affiliates”** and each of the Issuer, Société Générale and the Relevant Affiliates, a **“Relevant Entity”**) that, after the Certificates have been issued, (i) any Relevant Entity would incur a materially increased (as compared with circumstances existing prior to such event) amount of tax, duty, liability, penalty, expense, fee, cost or regulatory capital charge however defined or collateral requirements for performing its obligations under the Certificates or hedging the Issuer’s obligations under the Certificates, including, without limitation, due to clearing requirements of, or the absence of, clearing of the transactions entered into in connection with the issue of, or hedging the Issuer’s obligation under, the Certificates, (ii) it is or will become for any Relevant Entity impracticable, impossible (in each case, after using commercially reasonable efforts), unlawful, illegal or otherwise prohibited or contrary, in whole or in part, under any law, regulation, rule, judgement, order or directive of any governmental, administrative or judicial authority, or power, applicable to such Relevant Entity (a) to hold, acquire, issue, reissue, substitute, maintain, settle, or as the case may be, guarantee, the Certificates, (b) to acquire, hold, sponsor or dispose of any asset(s) (or any interest thereof) of any other transaction(s) such Relevant Entity may use in connection with the issue of the Certificates or to hedge the Issuer’s obligations under the Certificates, (c) to perform obligations in connection with, the Certificates or any contractual arrangement entered into between the Issuer and Société Générale or any Relevant Affiliate (including without limitation to hedge the Issuer’s obligations under the Certificates) or (d) to hold, acquire, maintain, increase, substitute or redeem all or a substantial part of its direct or indirect shareholding in the Issuer’s capital or the capital of any Relevant Affiliate or to directly or indirectly sponsor the Issuer or any Relevant Affiliate, or (iii) there is or may be a material adverse effect on a Relevant Entity in connection with the issue of the Certificates.

“Change in law” means (i) the adoption, enactment, promulgation, execution or ratification of any applicable new law, regulation or rule (including, without limitation, any applicable tax law, regulation or rule) after the Certificates have been issued, (ii)

the implementation or application of any applicable law, regulation or rule (including, without limitation, any applicable tax law, regulation or rule) already in force when the Certificates have been issued but in respect of which the manner of its implementation or application was not known or unclear at the time, or (iii) the change of any applicable law, regulation or rule existing when the Certificates are issued, or the change in the interpretation or application or practice relating thereto, existing when the Certificates are issued of any applicable law, regulation or rule, by any competent court, tribunal, regulatory authority or any other entity exercising executive, legislative, judicial, taxing, regulatory or administrative powers or functions of or pertaining to government (including any additional or alternative court, tribunal, authority or entity, to that existing when the Certificates are issued).

- (b) *Early Termination for Holding Limit Event.* The Issuer may in its discretion and without obligation terminate the Certificates early in accordance with Condition 13(d) where a Holding Limit Event (as defined below) occurs.

For the purposes of this Condition:

“Holding Limit Event” means, assuming the investor is the Issuer and/or any of its affiliates, the Issuer together with its affiliates, in aggregate hold, an interest in the Underlying Stock, constituting or likely to constitute (directly or indirectly) ownership, control or the power to vote a percentage of any class of voting securities of the Underlying Stock, of the Underlying Stock in excess of a percentage permitted or advisable, as determined by the Issuer, for the purpose of its compliance with the Bank Holding Company Act of 1956 as amended by Section 619 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (the Volcker Rule), including any requests, regulations, rules, guidelines or directives made by the relevant governmental authority under, or issued by the relevant governmental authority in connection with, such statutes.

- (c) *Early Termination for other reasons.* The Issuer reserves the right (such right to be exercised in the Issuer's sole and unfettered discretion and without any obligation whatsoever) to terminate the Certificates in accordance with Condition 13(d) where an event or events occur which it believes in its sole discretion should, in the context of the issue of the Certificates and the obligations of the Issuer, give rise to such termination provided that such termination (i) is considered by the Issuer not to be materially prejudicial to the interests of Certificate Holders generally (without considering the circumstances of any individual Certificate Holder or the tax or other consequences of such termination in any particular jurisdiction); or (ii) is otherwise considered by the Issuer to be appropriate and such termination is approved by the SGX-ST.
- (d) *Termination.* If the Issuer terminates the Certificates early, then the Issuer will give notice to the Certificate Holders in accordance with Condition 9. The Issuer will, if and to the extent permitted by applicable law, pay an amount to each Certificate Holder in respect of each Certificate held by such holder equal to the fair market value of a Certificate notwithstanding such illegality, impracticality or the relevant event less the cost to the Issuer of unwinding any underlying related hedging arrangements, all as determined by the Issuer in its sole and absolute discretion. Payment will be made in such manner as shall be notified to the Certificate Holders in accordance with Condition 9.

14. Substitution of the Issuer

The Issuer may be replaced by the Guarantor or any subsidiary of the Guarantor as principal obligor in respect of the Certificates without the consent of the relevant Certificate Holders. If the Issuer determines that it shall be replaced by the Guarantor or any subsidiary of the Guarantor (the “**Substituted Obligor**”), it shall give at least 90 days’ notice (exclusive of the day on which the notice is given and of the day on which the substitution is effected) specifying the date of the substitution, in accordance with Condition 9, to the Certificate Holders of such event and, immediately on the expiry of such notice, the Substituted Obligor shall become the principal obligor in place of the Issuer and the Certificate Holders shall thereupon cease to have any rights or claims whatsoever against the Issuer.

Upon any such substitution, all references to the Issuer in the Conditions and all agreements relating to the Certificates will be to the Substituted Obligor and the Certificates will be modified as required, and the Certificate Holders will be notified of the modified terms and conditions of such Certificates in accordance with Condition 9.

For the purposes of this Condition, it is expressly agreed that by subscribing to, acquiring or otherwise purchasing or holding the Certificates, the Certificate Holders are expressly deemed to have consented to the substitution of the Issuer by the Substituted Obligor and to the release of the Issuer from any and all obligations in respect of the Certificates and all agreements relating thereto and are expressly deemed to have accepted such substitution and the consequences thereof.

15. Governing Law

The Certificates, the Master Instrument and the Master Warrant Agent Agreement or Warrant Agent Agreement will be governed by and construed in accordance with Singapore law. The Issuer and the Guarantor and each Certificate Holder (by its purchase of the Certificates) shall be deemed to have submitted for all purposes in connection with the Certificates, the Master Instrument and the Master Warrant Agent Agreement or Warrant Agent Agreement to the non-exclusive jurisdiction of the courts of Singapore. The Guarantee shall be governed by and construed in accordance with Singapore law.

16. Prescription

Claims against the Issuer for payment of any amount in respect of the Certificates will become void unless made within six years of the Expiry Date and, thereafter, any sums payable in respect of such Certificates shall be forfeited and shall revert to the Issuer.

17. Contracts (Rights of Third Parties) Act, Chapter 53B of Singapore

Unless otherwise provided in the Global Warrant, the Master Instrument and the Master Warrant Agent Agreement or Warrant Agent Agreement, a person who is not a party to any contracts made pursuant to the Global Warrant, the Master Instrument and the Master Warrant Agent Agreement or Warrant Agent Agreement has no rights under the Contracts (Rights of Third Parties) Act, Chapter 53B of Singapore to enforce any terms of such contracts. Except as expressly provided herein, the consent of any third party is not required for any subsequent agreement by the parties hereto to amend or vary (including any release or compromise of any liability) or terminate such contracts.

SUMMARY OF THE ISSUE

The following is a summary of the issue and should be read in conjunction with, and is qualified by reference to, the other information set out in this document and the Base Listing Document. Terms used in this Summary are defined in the Conditions.

Issuer:	SG Issuer
Company:	Alibaba Group Holding Limited
The Certificates:	European Style Cash Settled Short Certificates relating to the Underlying Stock
Number:	16,700,000 Certificates
Form:	The Certificates will be issued subject to, and with the benefit of, a master instrument by way of deed poll dated 18 June 2021 (the “ Master Instrument ”) and executed by the Issuer and the Guarantor and a master warrant agent agreement dated 29 May 2017 (the “ Master Warrant Agent Agreement ”) and made between the Issuer, the Guarantor and the Warrant Agent.
Cash Settlement Amount:	In respect of each Certificate, is the amount (if positive) equal to: Notional Amount per Certificate x Closing Level
Denominations:	Certificates are represented by a global warrant in respect of all the Certificates.
Exercise:	The Certificates may only be exercised on the Expiry Date or if the Expiry Date is not a Business Day, the immediately preceding Business Day, in a Board Lot or integral multiples thereof. Certificate Holders will not be required to deliver an exercise notice. If the Cash Settlement Amount (less any Exercise Expenses) is positive, all Certificates will be deemed to have been automatically exercised at 10:00 a.m. (Singapore time) on the Expiry Date or if the Expiry Date is not a Business Day, the immediately preceding Business Day. The Cash Settlement Amount less the Exercise Expenses in respect of the Certificates shall be paid in the manner set out in Condition 4(c) of the Conditions. In the event the Cash Settlement Amount (less any Exercise Expenses) is zero, all Certificates shall be deemed to have expired at 10:00 a.m. (Singapore time) on the Expiry Date or if the Expiry Date is not a Business Day, the immediately preceding Business Day, and Certificate Holders shall not be entitled to receive any payment from the Issuer in respect of the Certificates.
Exercise and Trading Currency:	SGD
Board Lot:	100 Certificates
Transfers of Certificates:	Certificates may only be transferred in Board Lots (or integral multiples

thereof). All transfers in Certificates, in the open market or otherwise, must be effected through a securities account with CDP. Title will pass upon registration of the transfer in the records of CDP.

- Listing: Application has been made to the SGX-ST for permission to deal in and for quotation of the Certificates and the SGX-ST has agreed in principle to grant permission to deal in and for quotation of the Certificates. Issue of the Certificates is conditional on such listing being granted. It is expected that dealings in the Certificates on the SGX-ST will commence on or about 4 April 2022.
- Governing Law: The laws of Singapore
- Warrant Agent: The Central Depository (Pte) Limited
11 North Buona Vista Drive
#06-07 The Metropolis Tower 2
Singapore 138589
- Further Issues: Further issues which will form a single series with the Certificates will be permitted, subject to the approval of the SGX-ST.

The above summary is qualified in its entirety by reference to the detailed information appearing elsewhere in this document and the Base Listing Document.

INFORMATION RELATING TO THE EUROPEAN STYLE CASH SETTLED SHORT CERTIFICATES ON SINGLE EQUITIES

What are European Style Cash Settled Short Certificates on Single Equities?

European style cash settled short certificates on single equities (the “**Certificates**”) are structured products relating to the Underlying Stock and the return on a Certificate is linked to the performance of the Leverage Inverse Strategy.

A) Cash Settlement Amount Payable upon the Exercise of the Certificates at Expiry

Upon the exercise of the Certificates at expiry, the Certificate Holders would be paid a Cash Settlement Amount in respect of each Certificate.

The Cash Settlement Amount, in respect of each Certificate, shall be an amount payable in the Settlement Currency equal to the Closing Level multiplied by the Notional Amount per Certificate.

The Closing Level, in respect of each Certificate, shall be an amount payable in the Settlement Currency equal to (1) divided by (2) less (3) subject to any adjustments such as (4), where:

- (1) is the Final Reference Level multiplied by the Final Exchange Rate;
- (2) is the Initial Reference Level multiplied by the Initial Exchange Rate;
- (3) is the Strike Level; and
- (4) is the Hedging Fee Factor.

If the Cash Settlement Amount (less any Exercise Expenses) is positive, all Certificates shall be deemed to have been automatically exercised and investors will receive a Cash Settlement Amount. If the Cash Settlement Amount (less any Exercise Expenses) is zero, all Certificates shall be deemed to have expired. Please refer to the section headed “Terms and Conditions of the European Style Cash Settled Long/Short Certificates on Single Equities” for further details on the calculation of the Cash Settlement Amount.

The Certificates are only suitable for investors who believe that the price of the Underlying Stock will decrease and are seeking short-term leveraged inverse exposure to the Underlying Stock.

B) Trading the Certificates before Expiry

If the Certificate Holders want to cash out their investments in the Certificates before the expiry of the Certificates, they may sell the Certificates in the secondary market during the life of the Certificates, and would be subject to the following fees and charges:

- (i) For Certificate Holders who trade the Certificates intraday: shall pay normal transaction and brokerage fees for the trading of the Certificates on the SGX-ST, and may be required to pay stamp taxes or other documentary charges in accordance with the laws and practices of the country where the Certificates are transferred; and
- (ii) For Certificate Holders who hold the Certificates overnight: in addition to the normal transaction and brokerage fees and applicable stamp taxes, would also be required to bear the Management Fee and Gap Premium as well as certain costs embedded within the Leverage Inverse Strategy including the Stock Borrowing Cost and Rebalancing Cost.

Illustration of the Calculation of Hedging Fee Factor

Hedging Fee Factor	=	Product of the Daily Fees
--------------------	---	---------------------------

Daily Fees	=	Daily Management Fee Adjustment
		$1 - \text{Management Fee} \times \text{ACT}(t-1;t) / 360$
		x
		Daily Gap Premium Adjustment
		$1 - \text{Gap Premium}(t-1) \times \text{ACT}(t-1;t) / 360$

Illustration of the Calculation of Cash Settlement Amount

Cash Settlement Amount = Final Value of Certificates – Strike Level (zero)

Value of Certificates	=	$t^7=0$	x	$t=1$	x	$t=2$	x ...	$t=i$
		Notional Amount		Leverage Inverse Strategy daily performance ⁸ x Daily Fees		Leverage Inverse Strategy daily performance x Daily Fees		Leverage Inverse Strategy Daily performance x Daily Fees

Value of Certificates	=	$t=0$	x	Product of the daily Leverage Inverse Strategy Performance	x	Product of the Daily Fees (Hedging Fee Factor)
		Notional Amount		Leverage Inverse Strategy daily performance x Leverage Inverse Strategy daily performance		Daily Fees x Daily Fees

Final Value of Certificates	=	$t=0$	x	Final Reference Level x Final Exchange Rate ÷ Initial Reference Level x Initial Exchange Rate	x	Hedging Fee Factor
		Notional Amount				

Illustration of the applicable fees and charges for an intraday trading scenario

Hedging Fee is implemented overnight in the price of the Certificate. As a consequence, when trading intraday, investors will not bear any Hedging Fee.

Investors will only support bid/ask costs, which are the difference between the price at which the Designated Market Maker purchases (bid) and sells (ask) the Certificate at any point of time.

⁷ "t" refers to "Observation Date" which means each Underlying Stock Business Day (subject to Market Disruption Event) from (and including) the Underlying Stock Business Day immediately preceding the Expected Listing Date to the Valuation Date.

⁸ Leverage Inverse Strategy daily performance is computed as the Leverage Inverse Strategy Closing Level on Business Day (t) divided by the Leverage Inverse Strategy Closing Level on Business Day (t-1).

Example of Calculation of Hedging Fee Factor and Cash Settlement Amount

The example is purely hypothetical. We include the example to illustrate how the Certificates work, and you MUST NOT rely on them as any indication of the actual return or what the payout on the Certificates might actually be. The example also assumes a product which expires 16 days after listing date, to illustrate the daily calculation of price, costs and fees from listing date to expiry date.

Assuming an investor purchases the following Certificates at the Issue Price:

Underlying Stock:	Ordinary shares of Alibaba Group Holding Limited
Expected Listing Date:	03/07/2018
Expiry Date:	18/07/2018
Initial Reference Level:	1,000
Initial Exchange Rate:	1
Final Reference Level:	1,200
Final Exchange Rate:	1
Issue Price:	1.20 SGD
Notional Amount per Certificate:	1.20 SGD
Management Fee (p.a.):	0.40%
Gap Premium (p.a.):	5.40%
Strike Level:	Zero

Hedging Fee Factor

Hedging Fee Factor on the n^{th} Underlying Stock Business Day after issuance of Certificate ("HFF (n)") is calculated as follows:

$$\text{HFF}(0) = 100\%$$

On Next Calendar Day (assuming it is an Underlying Stock Business Day):

$$\text{HFF}(1) = \text{HFF}(0) \times \left(1 - \text{Management Fee} \times \frac{\text{ACT}(t-1; t)}{360}\right) \times \left(1 - \text{Gap Premium} \times \frac{\text{ACT}(t-1; t)}{360}\right)$$

$$\text{HFF}(1) = 100\% \times \left(1 - 0.40\% \times \frac{1}{360}\right) \times \left(1 - 5.40\% \times \frac{1}{360}\right)$$

$$\text{HFF}(1) = 100\% \times 99.9989\% \times 99.9850\% \approx 99.9839\%$$

Assuming 2nd Underlying Stock Business Day falls 3 Calendar Days after 1st Underlying Stock Business Day:

$$\text{HFF (2)} = \text{HFF (1)} \times \left(1 - \text{Management Fee} \times \frac{\text{ACT (t-1; t)}}{360}\right) \times \left(1 - \text{Gap Premium} \times \frac{\text{ACT (t-1; t)}}{360}\right)$$

$$\text{HFF (2)} = 99.9839\% \times \left(1 - 0.40\% \times \frac{3}{360}\right) \times \left(1 - 5.40\% \times \frac{3}{360}\right)$$

$$\text{HFF (2)} = 99.9839\% \times 99.9967\% \times 99.9550\% \approx 99.9356\%$$

The same principle applies to the following Underlying Stock Business Days:

$$\text{HFF (n)} = \text{HFF (n-1)} \times \left(1 - \text{Management Fee} \times \frac{\text{ACT (t-1; t)}}{360}\right) \times \left(1 - \text{Gap Premium} \times \frac{\text{ACT (t-1; t)}}{360}\right)$$

In this example, the Hedging Fee Factor as of the Valuation Date would be equal to 99.7586% as illustrated below:

Date	HFF
3/7/2018	100.0000%
4/7/2018	99.9839%
5/7/2018	99.9678%
6/7/2018	99.9517%
9/7/2018	99.9034%
10/7/2018	99.8873%
11/7/2018	99.8712%
12/7/2018	99.8551%
13/7/2018	99.8390%
16/7/2018	99.7907%
17/7/2018	99.7747%
18/7/2018	99.7586%

Cash Settlement Amount

In this example, the Closing Level and the Cash Settlement Amount would be computed as follows:

$$\begin{aligned} \text{Closing Level} &= [(\text{Final Reference Level} \times \text{Final Exchange Rate}) / (\text{Initial Reference Level} \times \text{Initial Exchange Rate}) - \text{Strike Level}] \times \text{Hedging Fee Factor} \\ &= [(1200 \times 1) / (1000 \times 1) - 0] \times 99.7586\% \\ &= 119.71\% \end{aligned}$$

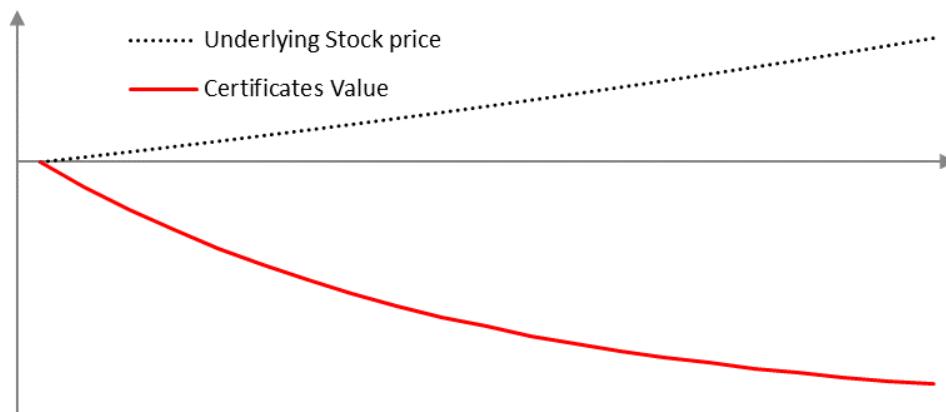
$$\begin{aligned} \text{Cash Settlement Amount} &= \text{Closing Level} \times \text{Notional Amount per Certificate} \\ &= 119.71\% \times 1.20 \text{ SGD} \\ &= \mathbf{1.437 \text{ SGD}} \end{aligned}$$

Illustration on how returns and losses can occur under different scenarios

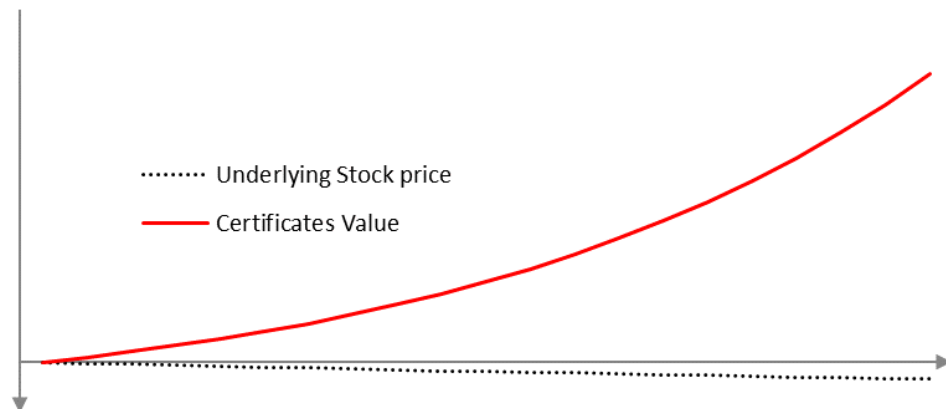
The examples are purely hypothetical and do not take fees and charges payable by investors into consideration. The examples highlight the effect of the Underlying Stock performance on the value of the Certificates and do not take into account the possible influence of fees, exchange rates, dividends, or any other market parameters.

1. Illustrative examples

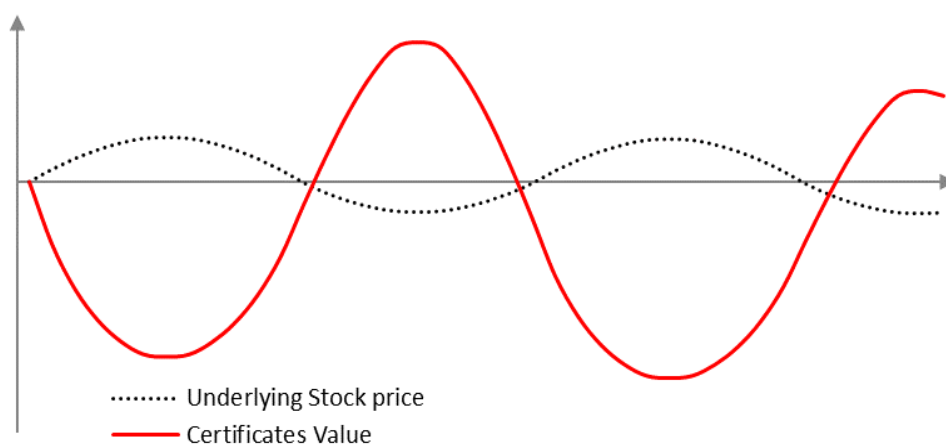
Scenario 1 – Upward Trend



Scenario 2 – Downward Trend



Scenario 3 – Volatile Market



2. Numerical Examples

Scenario 1 – Upward Trend

Underlying Stock						
	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5
Daily return		2.0%	2.0%	2.0%	2.0%	2.0%
Value at end of day	10,000.0	10,200.0	10,404.0	10,612.1	10,824.3	11,040.8
Accumulated Return		2.00%	4.04%	6.12%	8.24%	10.41%

Value of the Certificates						
	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5
Daily return		-10.0%	-10.0%	-10.0%	-10.0%	-10.0%
Price at end of day	1.2	1.08	0.97	0.87	0.79	0.71
Accumulated Return		-10.00%	-19.00%	-27.10%	-34.39%	-40.95%

Scenario 2 – Downward Trend

Underlying Stock						
	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5
Daily return		-2.0%	-2.0%	-2.0%	-2.0%	-2.0%
Value at end of day	10,000.0	9,800.0	9,604.0	9,411.9	9,223.7	9,039.2
Accumulated Return		-2.00%	-3.96%	-5.88%	-7.76%	-9.61%

Value of the Certificates						
	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5
Daily return		10.0%	10.0%	10.0%	10.0%	10.0%
Price at end of day	1.2	1.32	1.45	1.60	1.76	1.93
Accumulated Return		10.00%	21.00%	33.10%	46.41%	61.05%

Scenario 3 – Volatile Market

Underlying Stock						
	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5
Daily return		2.0%	-2.0%	2.0%	-2.0%	2.0%
Value at end of day	10,000.0	10,200.0	9,996.0	10,195.9	9,992.0	10,191.8
Accumulated Return		2.00%	-0.04%	1.96%	-0.08%	1.92%

Value of the Certificates						
	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5
Daily return		-10.0%	10.0%	-10.0%	10.0%	-10.0%
Price at end of day	1.2	1.08	1.19	1.07	1.18	1.06
Accumulated Return		-10.00%	-1.00%	-10.90%	-1.99%	-11.79%

Description of Air Bag Mechanism

The Certificates integrate an “Air Bag Mechanism” which is designed to reduce exposure to the Underlying Stock during extreme market conditions.

When the Air Bag triggers, a 30-minute period starts. This period is divided into two sub-periods:

- Observation Period : during 15 minutes after the Air Bag trigger, the price of the Underlying Stock is observed and its maximum price is recorded; and
- Reset Period: after 15 minutes, the Leverage Inverse Strategy is reset using the maximum price of the Underlying Stock during the Observation Period as the New Observed Price. The New Observed Price replaces the last closing price of the Underlying Stock in order to compute the performance of the Leverage Inverse Strategy, 30 minutes after the Air Bag trigger.

Trading of Certificates is suspended for at least 30 minutes after the Air Bag is triggered and does not take into account the mid-day break. Investors cannot sell or purchase any Certificates during this period.

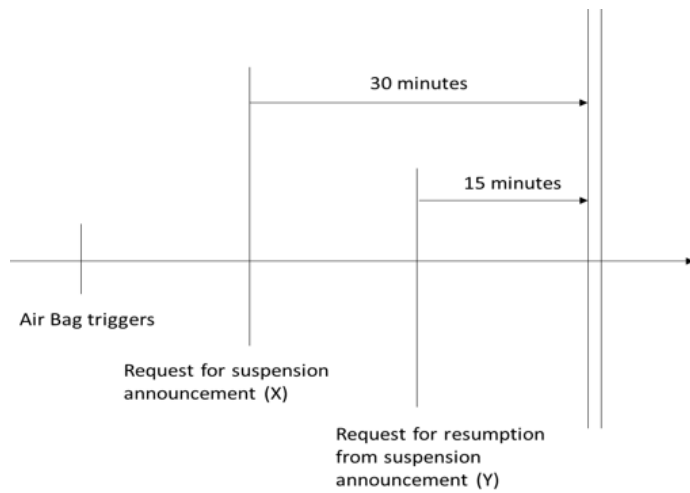
The performance of the Leverage Inverse Strategy will be the inverse of the Underlying Stock.

Air Bag Mechanism timeline

Air Bag Trigger	Observation Period	Resumption of Trading
More than 45 minutes before Market Close	First 15 minutes after Air Bag Trigger	Trading resumes the same day between 30 and 45 minutes after Air Bag Trigger
Less than 45 minutes before Market Close and more than 15 minutes before Market Close		Next trading day at Market Open
15 minutes or less than 15 minutes before Market Close	From Air Bag Trigger to Market Close	

With **Market Close** defined as:

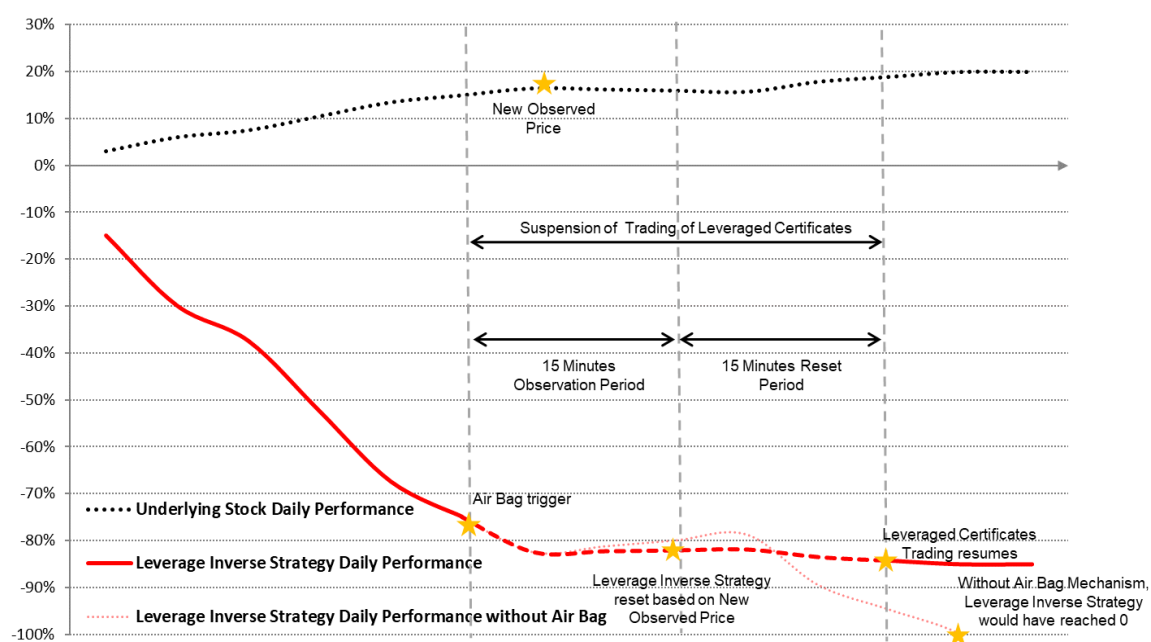
- Underlying Stock closing time with respect to the Observation Period
- The sooner between Underlying Stock closing time and SGX closing time with respect to the Resumption of Trading



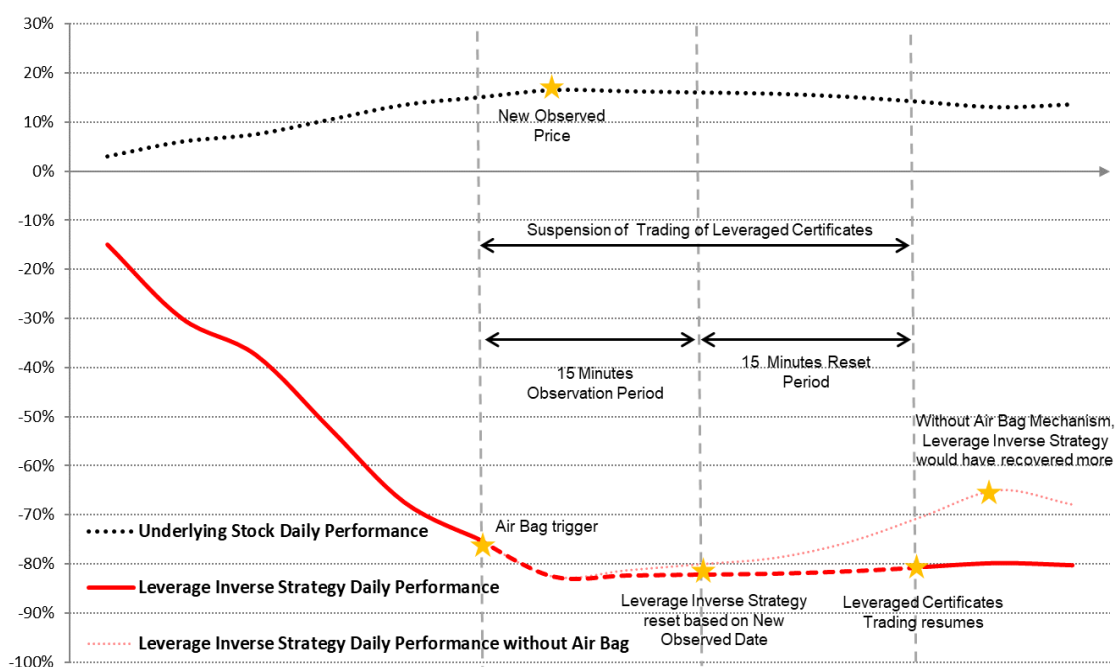
- The later between $X+30$ minutes or $Y+15$ minutes will be the earliest time the Certificates can be resumed, the next quarter-of-an-hour of which will be the scheduled resumption time of the Certificates
- If the scheduled resumption time of the Certificates is at or later than the scheduled closing time of the underlying asset, the Certificates will resume at 9 a.m. on the next SGX-ST trading day

Illustrative examples of the Air Bag Mechanism⁹

Scenario 1 – Upward Trend after Air Bag trigger



Scenario 2 – Downward Trend after Air Bag trigger



⁹ The illustrative examples are not exhaustive.

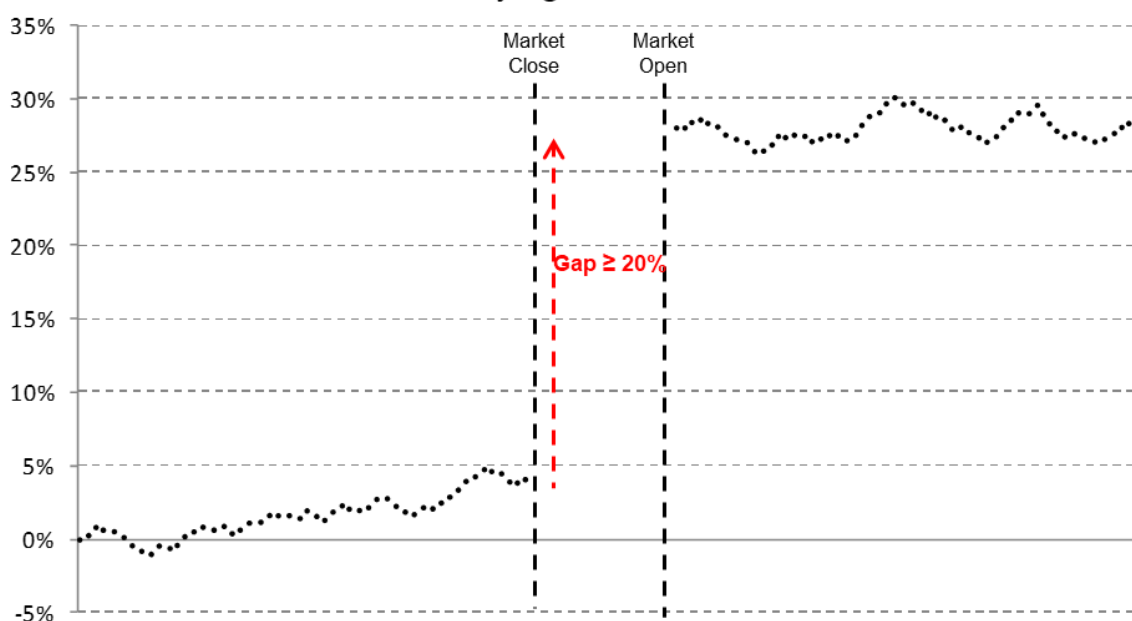
Scenarios where the investor may lose the entire value of the investment

The scenarios below are purely hypothetical and do not take fees and charges payable by investors into consideration. The scenarios highlight cases where the Certificates may lose 100% of their value.

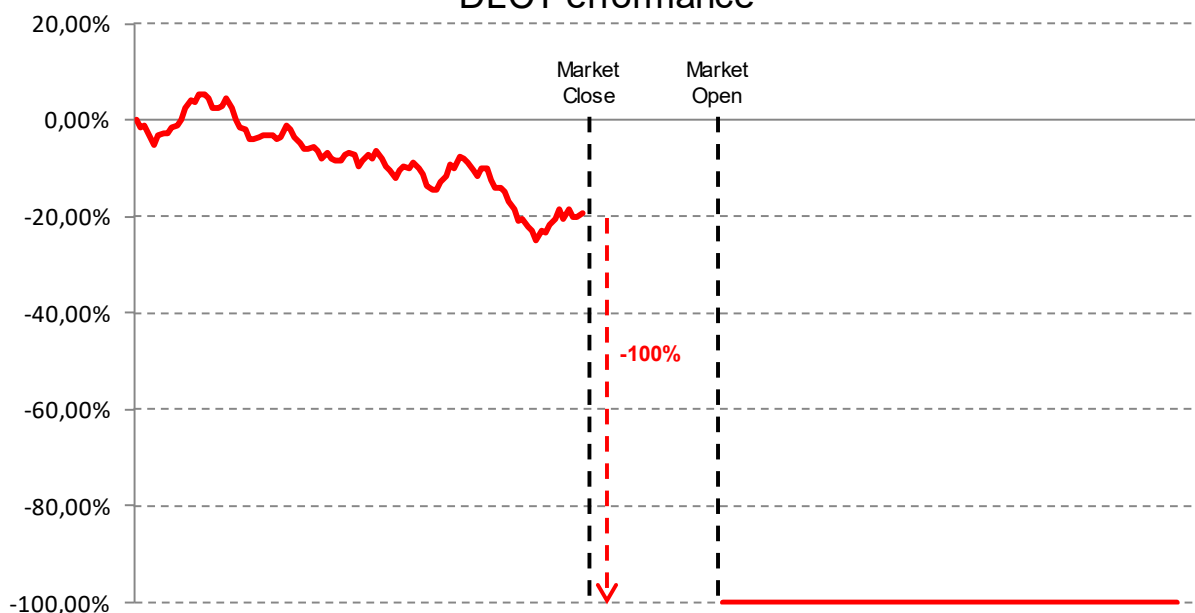
Scenario 1 – Overnight rise of the Underlying Stock

On any business day, the opening price of the Underlying Stock may be higher or lower than the closing price on the previous day. The difference between the previous closing price and the opening price of the Underlying Stock is termed a “gap”. If the opening price of the Underlying Stock is 20% or more above the previous day closing price, the Air Bag Mechanism would only be triggered when the market opens the following day, and the Certificates would lose their entire value in such event.

Underlying Stock Performance

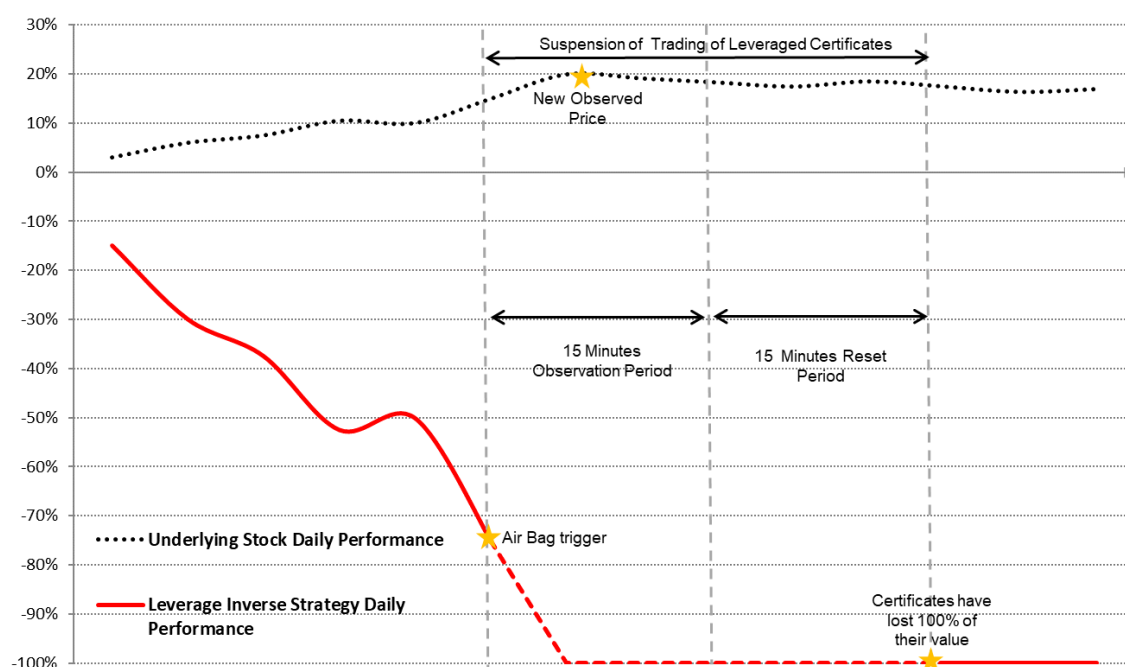


DLC Performance



Scenario 2 – Sharp intraday rise of the Underlying Stock

Although the Air Bag Mechanism is designed to reduce the exposure to the Underlying Stock during extreme market conditions, the Certificate can lose 100% of its value in the event the price of the Underlying Stock rises by 20% or more within the 15 minutes Observation Period compared to the reference price, being: (i) if air bag has not been previously triggered on the same day, the previous closing price of the Underlying Stock, or (ii) if one or more air bag have been previously triggered on the same day, the latest New Observed Price. The Certificates would lose their entire value in such event.



Examples and illustrations of adjustments due to certain corporate actions

The examples are purely hypothetical and do not take fees and charges payable by investors into consideration. The examples highlight the effect of corporate actions on the value of the Certificates and do not take into account the possible influence of fees, exchange rates, or any other market parameters.

In the case of any corporate action on the Underlying Stock, the Calculation Agent will, as soon as reasonably practical after it becomes aware of such event, determine whether such corporate action has a dilutive or concentrative effect on the theoretical value of the Underlying Stock, and if so, will (a) calculate the corresponding adjustment, if any, to be made to the elements relating to the Underlying Stock which are used to determine any settlement or payment terms under the Certificates and/or adjust at its discretion any other terms of the Certificates as it determines appropriate to preserve the economic equivalent of the obligations of the Issuer under the Certificates and (b) determine the effective date of such adjustment.

Notwithstanding the foregoing, in the event Observation Date (t) is an ex-date with respect to a corporate action related to the Underlying Stock, the Calculation Agent may, in its sole and absolute discretion, replace the $Rfactor_t$ with respect to such Observation Date (t) by an amount computed according to the following generic formula :

$$Rfactor_t = \left[1 - \frac{Div_t + DivExc_t - M \times R}{S_{t-1}} \right] \times \frac{1}{1 + M}$$

This formula is provided for indicative purposes and the Calculation Agent may determine that this formula is not appropriate for certain corporate actions and may apply a different formula instead.

Such adjustment of $Rfactor_t$ would affect the Leveraged Return, the Rebalancing Cost, and the Underlying Reference Price used to determine the Intraday Restrike Event. The Air Bag mechanism would not be triggered if the stock price rises by 15% exclusively because of the dilutive effect of a corporate action.

Where:

$DivExc_t$ is the amount received as an Extraordinary Dividend by a holder of existing Shares for each Share held prior to the Extraordinary Dividend, net of any applicable withholding taxes.

M is the number of new Share(s) (whether a whole or a fraction) per existing Share each holder thereof is entitled to subscribe or to receive (positive amount) or the number of existing Shares redeemed or canceled per existing Share (negative amount), as the case may be, resulting from the corporate action.

R is the subscription price per Share (positive amount) or the redemption price per Share (negative amount) including any dividends or other benefits forgone to be subscribe to or to receive (as applicable), or to redeem a Share.

1. Stock split

Assuming the Underlying Stock is subject to a 1 to 2 stock split (i.e. 1 new Share for every 1 existing share):

$$S_{t-1} = \$100$$

$$S_t = \$51$$

$$Div_t = \$0$$

$$DivExc_t = \$0$$

M = 1 (i.e. 1 new Shares for 1 existing Share)

R = \$0 (no subscription price / redemption price)

$$Rfactor_t = \left[1 - \frac{0 + 0 - 2 \times 0}{100} \right] \times \frac{1}{1 + 1} = 50\%$$

As a consequence:

$$LR_{t-1,t} = \text{Leverage} \times \left(\frac{S_t}{S_{t-1} \times Rfactor_t} - 1 \right) = -5 \times \left(\frac{51}{100 \times 50\%} - 1 \right) = -10\%$$

S_{t-1}	$S_{t-1} \times Rfactor_t$	S_t	Adjusted Underlying Stock Performance
100	50	51	2%

Value of the Certificate (t-1)	Value of the Certificate (t)	Certificates' performance (excluding any cost and fees)
1.20	1.08	-10%

In such case an Intraday Restrike Event would occur if the Underlying Stock price rises to \$57.5, which is 15% above \$50, the Underlying Stock Reference Price.

2. Share Consolidation

Assuming the Underlying Stock is subject to a 2 to 1 share consolidation (i.e. 1 Share canceled for every 2 existing Shares):

$$S_{t-1} = \$100$$

$$S_t = \$202$$

$$\text{Div}_t = \$0$$

$$\text{DivExc}_t = \$0$$

M = -0.5 (i.e. 0.5 Shares canceled for each 1 existing Share)

R = \$0 (no subscription price / redemption price)

$$Rfactor_t = \left[1 - \frac{0 + 0 - (-0.5) \times 0}{100} \right] \times \frac{1}{1 + (-0.5)} = 200\%$$

As a consequence:

$$LR_{t-1,t} = \text{Leverage} \times \left(\frac{S_t}{S_{t-1} \times Rfactor_t} - 1 \right) = -5 \times \left(\frac{202}{100 \times 200\%} - 1 \right) = -5\%$$

S_{t-1}	$S_{t-1} \times Rfactor_t$	S_t	Adjusted Underlying Stock Performance
100	200	202	1%

Value of the Certificate (t-1)	Value of the Certificate (t)	Certificates' performance (excluding any cost and fees)
1.20	1.14	-5%

In such case an Intraday Restrike Event would occur if the Underlying Stock price rises to \$230, which is 15% above \$200, the Underlying Stock Reference Price.

3. Rights Issues

Assuming there is a rights issue with respect to the Underlying Stock, with a right to receive 1 new Share for every 2 existing Shares, for a subscription price of \$40.

$$S_{t-1} = \$100$$

$$S_t = \$84$$

$$Div_t = \$0$$

$$DivExc_t = \$0$$

$$R = \$40 \text{ (i.e. subscription price of \$40)}$$

$$M = 0.5 \text{ (i.e. 1 new share for every 2 existing shares)}$$

$$Rfactor_t = \left[1 - \frac{0 + 0 - 0.5 \times 40}{100} \right] \times \frac{1}{1 + 0.5} = 80\%$$

As a consequence:

$$LR_{t-1,t} = \text{Leverage} \times \left(\frac{S_t}{S_{t-1} \times Rfactor_t} - 1 \right) = -5 \times \left(\frac{84}{100 \times 80\%} - 1 \right) = -25\%$$

S_{t-1}	$S_{t-1} \times Rfactor_t$	S_t	Adjusted Underlying Stock Performance
100	80	84	5%

Value of the Certificate (t-1)	Value of the Certificate (t)	Certificates' performance (excluding any cost and fees)
1.20	0.90	-25%

In such case an Intraday Restrike Event would occur if the Underlying Stock price rises to \$92, which is 15% above \$80, the Underlying Stock Reference Price.

4. Bonus Issues

Assuming there is a bonus issue with respect to the Underlying Stock, where shareholders receive 1 bonus share for 5 existing shares:

$$S_{t-1} = \$100$$

$$S_t = \$85$$

$$\text{Div}_t = \$0$$

$$\text{DivExc}_t = \$0$$

$$R = \$0$$

$$M = 0.2 \text{ (i.e. 1 new share for 5 existing shares)}$$

$$Rfactor_t = \left[1 - \frac{0 + 0 - 0.2 \times 0}{100} \right] \times \frac{1}{1 + 0.2} = 83.33\%$$

As a consequence:

$$LR_{t-1,t} = \text{Leverage} \times \left(\frac{S_t}{S_{t-1} \times Rfactor_t} - 1 \right) = -5 \times \left(\frac{85}{100 \times 83.33\%} - 1 \right) = -10\%$$

S_{t-1}	$S_{t-1} \times Rfactor_t$	S_t	Adjusted Underlying Stock Performance
100	83.33	85	2%

Value of the Certificate (t-1)	Value of the Certificate (t)	Certificates' performance (excluding any cost and fees)
1.20	1.08	-10%

In such case an Intraday Restrike Event would occur if the Underlying Stock price rises to \$95.83, which is 15% above \$83.33, the Underlying Stock Reference Price.

5. Extraordinary Dividend

Assuming there is an extraordinary dividend of \$20 (net of taxes) paid in respect of each stock.

$$S_{t-1} = \$100$$

$$S_t = \$84$$

$$\text{Div}_t = \$0$$

$$\text{DivExc}_t = \$20$$

$$R = \$0$$

$$M = 0$$

$$Rfactor_t = \left[1 - \frac{0 + 20 - 0 \times 0}{100} \right] \times \frac{1}{1 + 0} = 80\%$$

As a consequence:

$$LR_{t-1,t} = \text{Leverage} \times \left(\frac{S_t}{S_{t-1} \times Rfactor_t} - 1 \right) = -5 \times \left(\frac{84}{100 \times 80\%} - 1 \right) = -25\%$$

S_{t-1}	$S_{t-1} \times Rfactor_t$	S_t	Adjusted Underlying Stock Performance
100	80	84	5%

Value of the Certificate (t-1)	Value of the Certificate (t)	Certificates' performance (excluding any cost and fees)
1.20	0.90	-25%

In such case an Intraday Restrike Event would occur if the Underlying Stock price rises to \$92, which is 15% above \$80, the Underlying Stock Reference Price.

INFORMATION RELATING TO THE COMPANY

All information contained in this document regarding the Company, including, without limitation, its financial information, is derived from publicly available information which appears on the web-site of Hong Kong Exchanges and Clearing Limited (the “HKExCL”) at <http://www.hkex.com.hk> and/or the Company’s web-site at <http://www.alibabagroup.com/>. The Issuer has not independently verified any of such information.

Alibaba Group Holding Limited (the “**Company**”) is a holding company that provides the technology infrastructure and marketing reach to help merchants, brands and other businesses to leverage the power of new technology to engage with users and customers to operate. The Company operates four business segments. The Core Commerce segment provides China retail, China wholesale, International retail, International wholesale, Cainiao logistics services and local consumer services through Taobao Marketplace and Tmall. The Cloud Computing segment provides complete suite of cloud services, including database, storage, network virtualization services, big data analytics and others. The Digital Media and Entertainment segment provides consumer services beyond the core business operations. The Innovation Initiatives and Others segment is to innovate and deliver new services and products.

The information set out in Appendix I of this document relates to the unaudited results of the Company and its subsidiaries for the three months ended 31 December 2021 and has been extracted and reproduced from an announcement by the Company dated 24 February 2022 in relation to the same. Further information relating to the Company may be located on the web-site of the HKExCL at <http://www.hkex.com.hk>.

INFORMATION RELATING TO THE DESIGNATED MARKET MAKER

Société Générale has been appointed the designated market maker (“**DMM**”) for the Certificates. The DMM will provide competitive buy and sell quotes for the Certificates continuously during the trading hours of the SGX-ST on the following basis:

- (a) Maximum bid and offer spread : (i) when the best bid price of the Certificate is S\$10 and below: 10 ticks or S\$0.20 whichever is greater; and
(ii) when the best bid price of the Certificate is above S\$10: 5% of the best bid price of the Certificate.
- (b) Minimum quantity subject to bid and offer spread : 10,000 Certificates
- (c) Last Trading Day for Market Making : The date falling 5 Exchange Business Days immediately preceding the Expiry Date

In addition, the DMM may not provide a quotation in the following circumstances:

- (i) during the pre-market opening and five minutes following the opening of the SGX-ST on any trading day;
- (ii) if the Certificates are valueless (where the Issuer’s bid price is below the minimum bid size for such securities as prescribed by the SGX-ST);
- (iii) before the Relevant Stock Exchange for the Underlying Stock has opened and after the Relevant Stock Exchange for the Underlying Stock has closed on any trading day;
- (iv) when trading in the Underlying Stock is suspended or limited in a material way for any reason, for the avoidance of doubt, the DMM is not obliged to provide quotations for the Certificates at any time when the Underlying Stock is not negotiated/traded for any reason;
- (v) where the Certificates are suspended from trading for any reason;
- (vi) market disruption events, including, without limitation, any suspension of or limitation imposed on trading (including but not limited to unforeseen circumstances such as by reason of movements in price exceeding limits permitted by the SGX-ST or any act of God, war, riot, public disorder, explosion, terrorism or otherwise) in the Underlying Stock;
- (vii) where the Issuer or the DMM faces technical problems affecting the ability of the DMM to provide bids and offer quotations;
- (viii) where the ability of the Issuer to source a hedge or unwind an existing hedge, as determined by the Issuer in good faith, is materially affected by the prevailing market conditions, and the Issuer informs the SGX-ST of its inability to do so as soon as practicable;
- (ix) in cases where the Issuer has no Certificates to sell, then the DMM will only provide the bid price;
- (x) if the stock market experiences exceptional price movement and volatility;

- (xi) when it is a public holiday in Singapore and/or Hong Kong and/or the SGX-ST and/or the HKEX are not open for dealings; and
- (xii) during the suspension of trading of Certificates after an Air Bag Mechanism has been triggered.

The last trading day on which the DMM will provide competitive quotations for the Certificates would be the fifth Exchange Business Day immediately preceding the Expiry Date.

SUPPLEMENTAL INFORMATION RELATING TO THE GUARANTOR

The information set out in Appendix II of this document is a reproduction of the press release dated 10 February 2022 containing the Guarantor's consolidated financial results for the fourth quarter ended 31 December 2021.

SUPPLEMENTAL GENERAL INFORMATION

The information set out herein is supplemental to, and should be read in conjunction with, the information set out on page 105 of the Base Listing Document.

1. Save as disclosed in this document and the Base Listing Document, neither the Issuer nor the Guarantor is involved in any legal or arbitration proceedings (including any proceedings which are pending or threatened of which the Issuer or the Guarantor is aware) which may have or have had in the previous 12 months a significant effect on the financial position of the Issuer or the Guarantor in the context of the issuance of the Certificates.
2. Settlement of trades done on a normal “ready basis” on the SGX-ST generally take place on the second Business Day following the transaction. Dealing in the Certificates will take place in Board Lots in Singapore dollars. For further details on the transfer of Certificates and their exercise, please refer to the section headed “Summary of the Issue” above.
3. It is not the current intention of the Issuer to apply for a listing of the Certificates on any stock exchange other than the SGX-ST.
4. Save as disclosed in the Base Listing Document and herein, there has been no material adverse change in the financial position or prospects of the Issuer since 31 December 2020 or the Guarantor since 31 December 2021, in the context of the issuance of Certificates hereunder.
5. The following contracts, relating to the issue of the Certificates, have been or will be entered into by the Issuer and/or the Guarantor and may be material to the issue of the Certificates:
 - (a) the Guarantee;
 - (b) the Master Instrument; and
 - (c) the Master Warrant Agent Agreement.

None of the directors of the Issuer and the Guarantor has any direct or indirect interest in any of the above contracts.

6. The Auditors of the Issuer and the Guarantor have given and have not withdrawn their written agreement to the inclusion of the report, included herein, in the form and context in which it is included. Their report was not prepared exclusively for incorporation into this document.

The Auditors of the Issuer and the Guarantor have no shareholding in the Issuer or the Guarantor or any of its subsidiaries, nor do they have the right (whether legally enforceable or not) to subscribe for or to nominate persons to subscribe for securities of the Issuer or the Guarantor or any of its subsidiaries.

7. The Certificates are not fully covered by the Underlying Stock held by Issuer or a trustee for and on behalf of the Issuer. The Issuer has appropriate risk management capabilities to manage the issue of the Certificates.
8. Société Générale, Singapore Branch, currently of 8 Marina Boulevard, #12-01 Marina Bay Financial Centre Tower 1, Singapore 018981, has been authorised to accept, on behalf of the Issuer and the Guarantor, service of process and any other notices required to be served on the Issuer or the Guarantor. Any notices required to be served on the Issuer or the Guarantor should be sent to Société Générale at the above address for the attention of Société Générale Legal Department.

9. Copies of the following documents may be inspected during usual business hours on any weekday (Saturdays, Sundays and holidays excepted) at the offices of Société Générale, Singapore Branch at 8 Marina Boulevard, #12-01 Marina Bay Financial Centre Tower 1, Singapore 018981, during the period of 14 days from the date of this document:
- (a) the Memorandum and Articles of Association of the Issuer and the Constitutional Documents of the Guarantor;
 - (b) the latest financial reports (including the notes thereto) of the Issuer;
 - (c) the latest financial reports (including the notes thereto) of the Guarantor;
 - (d) the consent letters from the Auditors to the Issuer and the Guarantor referred to in paragraph 6 above;
 - (e) the Base Listing Document;
 - (f) this document; and
 - (g) the Guarantee.

PLACING AND SALE

General

No action has been or will be taken by the Issuer that would permit a public offering of the Certificates or possession or distribution of any offering material in relation to the Certificates in any jurisdiction where action for that purpose is required. No offers, sales or deliveries of any Certificates, or distribution of any offering material relating to the Certificates may be made in or from any jurisdiction except in circumstances which will result in compliance with any applicable laws or regulations and will not impose any obligation on the Issuer. In the event that the Issuer contemplates a placing, placing fees may be payable in connection with the issue and the Issuer may at its discretion allow discounts to placees.

Each Certificate Holder undertakes that it will inform any subsequent purchaser of the terms and conditions of the Certificates and all such subsequent purchasers as may purchase such securities from time to time shall be deemed to be a Certificate Holder for the purposes of the Certificates and shall be bound by the terms and conditions of the Certificates.

Singapore

This document has not been registered as a prospectus with the Monetary Authority of Singapore. Accordingly, this document and any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of Certificates may not be circulated or distributed, nor may Certificates be offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to persons in Singapore other than pursuant to, and in accordance with the conditions of, any applicable provision of the Securities and Futures Act, Chapter 289 of Singapore.

Hong Kong

Each dealer has represented and agreed, and each further dealer appointed in respect of the Certificates and each other purchaser will be required to represent and agree, that:

- (a) it has not offered or sold and will not offer or sell in Hong Kong, by means of any document, any Certificates (except for Certificates which are a "structured product" as defined in the Securities and Futures Ordinance (Cap.571) of Hong Kong ("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 ("CWUMPO") or which do not constitute an offer to the public within the meaning of the CWUMPO; and
- (b) it has not issued or had in its possession for the purposes of issue, and will not 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 Certificates, 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 Certificates 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.

European Economic Area

Each dealer represents and agrees, and each further dealer appointed in respect of the Certificates will be required to represent and agree, that it has not offered, sold or otherwise made available and will not offer, sell, or otherwise make available any Certificates which are the subject of the offering as contemplated by this document to any retail investor in the European Economic Area. 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 2016/97/EU (as amended, 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 Regulation (EU) 2017/1129 (as amended and superseded, the Prospectus Regulation); and
- (b) the expression “**offer**” includes the communication in any form and by any means of sufficient information on the terms of the offer and the Certificates to be offered so as to enable an investor to decide to purchase or subscribe for the Certificates.

United Kingdom

Each dealer represents and agrees, and each further dealer appointed in respect of the Certificates will be required to represent and agree, that it has not offered, sold or otherwise made available and will not offer, sell or otherwise make available any Certificates which are the subject of the offering as contemplated by this document to any retail investor 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:
 - (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 European Union (Withdrawal) Act 2018 (“**EUWA**”); or
 - (ii) a customer within the meaning of the provisions of the Financial Services and Markets Act, as amended (the “**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; 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 Certificates to be offered so as to enable an investor to decide to purchase or subscribe for the Certificates.

Each dealer further represents and agrees, and each further dealer appointed in respect of the Certificates will be required to further represent and agree, that:

- (a) in respect to Certificates having a maturity of less than one year: (i) it is a person whose ordinary activities involve it in acquiring, holding, managing or disposing of investments (as principal or agent) for the purposes of its business; and (ii) it has not offered or sold and will not offer or

sell any Certificates 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 Certificates would otherwise constitute a contravention of Section 19 of the FSMA by the Issuer;

- (b) it has only communicated or caused to be communicated and will only communicate or cause to be communicated an invitation or inducement to engage in investment activity (within the meaning of section 21 of the FSMA) received by it in connection with the issue or sale of any Certificates in circumstances in which section 21(1) of the FSMA does not apply to the Issuer or the Guarantor; and
- (c) it has complied and will comply with all applicable provisions of the FSMA with respect to anything done by it in relation to any Certificates in, from or otherwise involving the United Kingdom.

United States

The Certificates and the Guarantee have not been and will not be registered under the United States Securities Act of 1933, as amended (the “**Securities Act**”) or any state securities law, and trading in the Certificates has not been approved by the United States Commodity Futures Trading Commission (the “**CFTC**”) under the United States Commodity Exchange Act of 1936, as amended (the “**Commodity Exchange Act**”) and the Issuer will not be registered as an investment company under the United States Investment Company Act of 1940, as amended, and the rules and regulations thereunder. None of the Securities and Exchange Commission, any state securities commission or regulatory authority or any other United States, French or other regulatory authority has approved or disapproved of the Certificates or the Guarantee or passed upon the accuracy or adequacy of this document. Accordingly, Certificates, or interests therein, may not 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, U.S. persons, nor may any U.S. person at any time trade, own, hold or maintain a position in the Certificates or any interests therein. In addition, in the absence of relief from the CFTC, offers, sales, re-sales, trades, pledges, exercises, redemptions, transfers or deliveries of Certificates, or interests therein, directly or indirectly, in the United States or to, or for the account or benefit of, U.S. persons, may constitute a violation of United States law governing commodities trading and commodity pools. Consequently, 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.

Each dealer has represented and agreed, and each further dealer will be required to represent and agree, that it has not and will not at any time offer, sell, resell, trade, pledge, exercise, redeem, transfer or deliver, directly or indirectly, Certificates in the United States or to, or for the account or benefit of, any U.S. person or to others for offer, sale, resale, trade, pledge, exercise, redeem, transfer or delivery, directly or indirectly, in the United States or to, or for the account or benefit of, any such U.S. person. Any person purchasing Certificates of any tranches must agree with the relevant dealer or the seller of such Certificates that (i) it will not at any time offer, sell, resell, trade, pledge, exercise, redeem, transfer or deliver, directly or indirectly, any Certificates in the United States or to, or for the account or benefit of, any U.S. person or to others for offer, sale, resale, trade, pledge, exercise, redemption, transfer or delivery, directly or indirectly, in the United States or to, or for the account or benefit of, any U.S. person, and (ii) it is not purchasing any Certificates for the account or benefit of any U.S. person.

Exercise or otherwise redemption of Certificates will be conditional upon certification that each person exercising or otherwise redeeming a Certificate is not a U.S. person or in the United States and that the Certificate is not being exercised or otherwise redeemed on behalf of a U.S. person. No

payment will be made to accounts of holders of the Certificates located in the United States.

As used in the preceding paragraphs, the term “**United States**” includes the territories, the possessions and all other areas subject to the jurisdiction of the United States of America, and the term “**U.S. person**” means any person who is (i) a U.S. person as defined under Regulation S under the Securities Act, (ii) a U.S. person as defined in paragraph 7701(a)(30) of the Internal Revenue Code of 1986, or (iii) a person who comes within any definition of U.S. person for the purposes of the United States Commodity Exchange Act of 1936, as amended (the “CEA”) or any rules thereunder of the CFTC (the “**CFTC Rules**”), guidance or order proposed or issued under the CEA (for the avoidance of doubt, any person who is not a “Non-United States person” defined under CFTC Rule 4.7(a)(1)(iv), but excluding, for purposes of subsection (D) thereof, the exception for qualified eligible persons who are not “Non-United States persons”, shall be considered a U.S. person).

APPENDIX I

REPRODUCTION OF THE UNAUDITED RESULTS FOR THE THREE MONTHS ENDED 31 DECEMBER 2021 OF ALIBABA GROUP HOLDING LIMITED AND ITS SUBSIDIARIES

The information set out below is a reproduction of the unaudited results of the Company and its subsidiaries for the three months ended 31 December 2021 and has been extracted and reproduced from an announcement by the Company dated 24 February 2022 in relation to the same.

Hong Kong Exchanges and Clearing Limited and The Stock Exchange of Hong Kong Limited (the “**Hong Kong Stock Exchange**”) take no responsibility for the contents of this announcement, make no representation as to its accuracy or completeness and expressly disclaim any liability whatsoever for any loss howsoever arising from or in reliance upon the whole or any part of the contents of this announcement.

We have one class of shares, and each holder of our shares is entitled to one vote per share. As the Alibaba Partnership’s director nomination rights are categorized as a weighted voting rights structure (the “**WVR structure**”) under the Rules Governing the Listing of Securities on the Hong Kong Stock Exchange, we are deemed as a company with a WVR structure. Shareholders and prospective investors should be aware of the potential risks of investing in a company with a WVR structure. Our American depositary shares, each representing eight of our shares, are listed on the New York Stock Exchange in the United States under the symbol BABA.



Alibaba Group
阿里巴巴集团

Alibaba Group Holding Limited
阿里巴巴集團控股有限公司
(Incorporated in the Cayman Islands with limited liability)
(Stock Code: 9988)

ANNOUNCEMENT OF THE DECEMBER QUARTER 2021 RESULTS

We hereby announce our unaudited results for the three months ended December 31, 2021 (“**December Quarter 2021**”). The December Quarter 2021 unaudited results announcement are available for viewing on the websites of the Hong Kong Stock Exchange at www.hkexnews.hk and our website at www.alibabagroup.com.

By order of the Board
Alibaba Group Holding Limited
Kevin Jinwei ZHANG
Secretary

Hong Kong, February 24, 2022

As at the date of this announcement, our board of directors is comprised of Mr. Daniel Yong ZHANG as the chairman, Mr. Joseph C. TSAI, Ms. Maggie Wei WU, Mr. J. Michael EVANS and Mr. Kabir MISRA as directors, and Mr. Chee Hwa TUNG, Mr. Walter Teh Ming KWAUK, Mr. Jerry YANG, Mr. E. Börje EKHOLM and Ms. Wan Ling MARTELLO as independent directors.



Alibaba Group Announces December Quarter 2021 Results

Hangzhou, China, February 24, 2022 – Alibaba Group Holding Limited (NYSE: BABA and HKEX: 9988, “Alibaba” or “Alibaba Group”) today announced its financial results for the quarter ended December 31, 2021.

“Alibaba delivered steady progress this quarter as we continued to execute our multi-engine growth strategy in a complex and volatile market environment. We achieved positive momentum in key strategic businesses through a disciplined focus on capacity building and value creation to fuel our future growth. Our global annual active consumers grew at a solid pace, reaching 1.28 billion on the strength of a quarterly net increase of 43 million,” said Daniel Zhang, Chairman and Chief Executive Officer of Alibaba Group. “We believe a clear ESG strategy is instrumental to Alibaba's future, and announced our goal to realize carbon neutrality in our operations by 2030 along with a commitment to an additional 1.5 gigatons of decarbonization in 2035 by working with consumers, customers and partners across our ecosystem.”

“We delivered healthy results this quarter with revenue growth of 10% year-over-year. We have always innovated and invested for the long term throughout Alibaba's history. As demonstrated by our new segmental disclosure, our continued investments in growth initiatives have seen tangible results,” said Maggie Wu, Chief Financial Officer of Alibaba Group. “With confidence in the company's prospects today and over the long term, we repurchased approximately 10.1 million of our ADSs for approximately US\$1.4 billion this quarter.”

BUSINESS HIGHLIGHTS

In the quarter ended December 31, 2021:

- **Revenue** was RMB242,580 million (US\$38,066 million), an increase of 10% year-over-year that was primarily driven by the revenue growth of China commerce segment by 7% year-over-year to RMB172,226 million (US\$27,026 million), Cloud segment by 20% year-over-year to RMB19,539 million (US\$3,066 million), Local consumer services segment by 27% year-over-year to RMB12,141 million (US\$1,905 million) and International commerce segment by 18% year-over-year to RMB16,449 million (US\$2,581 million).
- **Annual active consumers** of the Alibaba Ecosystem across the world reached approximately 1.28 billion for the twelve months ended December 31, 2021, an increase of approximately 43 million from the twelve months ended September 30, 2021. This includes 979 million consumers in China and 301 million consumers overseas, representing a quarterly net increase of over 26 million and 16 million, respectively.
- **Income from operations** was RMB7,068 million (US\$1,109 million), a decrease of 86% year-over-year, which included a RMB25,141 million (US\$3,945 million) impairment of goodwill in relation to Digital media and entertainment segment. Excluding this impairment of goodwill, income from operations would have been RMB32,209 million (US\$5,054 million), a decrease of 34% year-over-year. The year-over-year decrease was primarily due to our increased investments in growth initiatives and our increased spending for user growth, as well as our support to merchants. We

excluded impairment of goodwill discussed above from our non-GAAP measurements. **Adjusted EBITA**, a non-GAAP measurement, decreased 27% year-over-year to RMB44,822 million (US\$7,034 million).

- **Net income attributable to ordinary shareholders** was RMB20,429 million (US\$3,206 million) and **net income** was RMB19,224 million (US\$3,017 million), showing year-over-year decreases of 74% and 75%, respectively, primarily due to the impairment of goodwill of RMB25,141 million (US\$3,945 million) and the decrease in net gains arising from the changes in fair value of our equity investments, both of which we excluded from our non-GAAP measures. **Non-GAAP net income** was RMB44,624 million (US\$7,002 million), a decrease of 25% year-over-year.
- **Diluted earnings per ADS** was RMB7.51 (US\$1.18) and **diluted earnings per share** was RMB0.94 (US\$0.15 or HK\$1.15). **Non-GAAP diluted earnings per ADS** was RMB16.87 (US\$2.65), a decrease of 23% year-over-year and **non-GAAP diluted earnings per share** was RMB2.11 (US\$0.33 or HK\$2.58), a decrease of 23% year-over-year.
- **Net cash provided by operating activities** was RMB80,366 million (US\$12,611 million). **Non-GAAP free cash flow** was RMB71,022 million (US\$11,145 million), a decrease of 26% year-over-year compared to RMB96,210 million in the same quarter of 2020, mainly due to a decrease in profit as a result of our increased investments in growth initiatives and our increased spending for user growth, as well as our support to merchants.

Reconciliations of GAAP measures to non-GAAP measures presented above are included at the end of this results announcement.

BUSINESS AND STRATEGIC UPDATES

Starting this quarter, we have updated our segment reporting to separately present China commerce, International commerce, Local consumer services, Cainiao, Cloud, Digital media and entertainment, and Innovation initiatives and others. Please see “December Quarter Information by Segments” below for details.

China Commerce

For the twelve months ended December 31, 2021, our China commerce businesses had approximately 882 million annual active consumers, representing a quarterly net increase of about 20 million, primarily driven by additions from Taobao Deals. The percentage of new consumers in less developed areas continues increasing, which reflects our success in broadening our product offerings to meet diverse consumer demand.

For the quarter ended December 31, 2021, online physical goods GMV for Taobao and Tmall, excluding unpaid orders, recorded single-digit year-over-year growth, primarily due to slowing market conditions as well as competition. By categories, year-over-year growth of physical goods GMV for apparel and accessories and consumer electronic categories were slower than overall average growth, while growth in the FMCG and home furnishing categories were faster.

Taobao Deals (淘特) continued to provide consumers with more value-for-money products, which drove rapid consumer growth. For the twelve months ended December 31, 2021, there were 280 million annual active consumers on Taobao Deals, up 39 million from the prior quarter. Taobao Deals has also successfully executed several initiatives to optimize logistics costs and improve delivery experience for consumers. During the quarter, paid orders on Taobao Deals grew strongly at over 100% year-over-year.

For the quarter ended December 31, 2021, Taocaicai, our community marketplaces business, continued to penetrate into less developed areas while generating robust GMV growth of 30% quarter-over-quarter. Importantly, Taocaicai is driving higher penetration into our annual active consumers' purchases of food, grocery and fresh produce, which enhances their purchase frequency and stickiness on our platforms. At the same time, its unit economics per order continues to improve, benefitting from higher regional order density, and improving gross margin from enhanced supply chain capabilities.

International Commerce

International Retail – expanding consumer base in key strategic regions

In December 2021, our international commerce retail business, mainly including Lazada, AliExpress, Trendyol and Daraz, grew strongly and achieved about 301 million annual active consumers in the twelve months ended December 31, 2021, representing a quarterly net increase of 16 million. During the quarter, combined order growth of these businesses was around 25% year-over-year, driven by robust growth in Lazada of 52% and Trendyol of 49%, which was partially offset by a decrease in orders for AliExpress in Europe due to value-added tax levied on cross-border parcels below €22 in value.

International Wholesale – increasing value-added service offerings to drive international trade

During the quarter, our international commerce wholesale business exhibited robust growth of around 50% year-over-year in value of transactions completed on Alibaba.com, driven by solid export growth of consumer and industrial goods from China to other major developed and developing countries. Alibaba.com facilitates international trade by offering value-added services such as global logistics and trade assurance that have been increasingly adopted by global buyers and sellers. For the quarter ended December 31, 2021, our international commerce wholesale revenue grew strongly by 29% year-over-year. In particular, value-added service revenue grew 43% year-over-year.

Local Consumer Services

For the twelve months ended December 31, 2021, Local consumer services segment had approximately 372 million annual active consumers, representing a solid quarterly net increase of 17 million. For the quarter ended December 31, 2021, Local consumer services recorded order volume growth of 22% year-over-year.

To Home – maintaining healthy on-demand delivery order growth and improving efficiency

Order volume of “To Home” businesses represented by Ele.me and Taoxianda grew steadily, driven by fast growth in the number of merchants and user penetration, with an increasing percentage from non-restaurant orders. During the quarter, Ele.me's unit economics per order improved year-over-year, driven by our disciplined user acquisitions spending and reduced delivery cost.

To Destination – improving user engagement and usage frequency

Order volume growth of “To Destination” businesses, which include Amap and Fliggy, grew rapidly, primarily driven by the increasing number of transacting Amap users and their usage frequency. Amap app is a popular lifestyle app that allows consumers to discover, connect with and visit local merchants at their destinations. Amap continues to develop content and services that have resulted in higher user engagement and loyalty. During the week-long National Day holiday in China, Amap achieved a record high of over 200 million daily active users.

Cainiao

In the December quarter, revenue from Cainiao, before inter-segment elimination, grew 23% year-over-year to RMB19,600 million (US\$3,076 million), primarily driven by the growth of fulfillment solutions and value-added services provided to our China commerce retail businesses as well as the increase in revenue from third-party merchants of our cross-border and international commerce retail businesses. During the quarter, 67% of its total revenue was generated from external customers. Revenue from Cainiao, after inter-segment elimination, grew 15% year-over-year to RMB13,078 million (US\$2,052 million).

Cainiao continues to expand its global infrastructure by strengthening its end-to-end logistics capabilities, including eHubs, line-haul, sorting centers and last-mile network. For the quarter ended December 31, 2021, daily average package volume delivered through its global delivery network exceeded 5 million. During the quarter, Cainiao commenced operations of four self-operated sorting centers in Western Europe, making a total of seven self-operated sorting centers in the region. These sorting centers in Europe improve parcel delivery speed and enable global and local merchants to better serve their consumers in key European countries.

In China, Cainiao continues to build its cost-competitive and highly reliable logistics service network to better serve our consumers in rural areas. We have expanded Cainiao Post coverage nationally with an increasing focus in less developed and rural areas, complementing our domestic e-commerce businesses' geographic expansion strategy. The number of Cainiao Posts in rural areas more than doubled year-over-year as of December 31, 2021.

Cloud

In the December quarter, total revenue from our Cloud business before inter-segment elimination, which includes revenue from services provided to other Alibaba businesses, was RMB26,431 million (US\$4,148 million), an increase of 19% compared to RMB22,175 million in the same quarter of 2020. Revenue from our Cloud business, after inter-segment elimination, grew RMB3,312 million year-over-year to RMB19,539 million (US\$3,066 million). The solid 20% year-over-year growth reflected robust growth from financial and telecommunication industries, partially offset by the continuing impact of a top cloud customer's decision to stop using our overseas cloud services for its international business due to non-product related requirements and slowing demand from customers in the Internet industry such as online entertainment and education.

Alibaba Cloud's revenue is becoming more diversified with revenue contribution from non-Internet industries steadily increasing. Revenue from non-Internet industries accounted for 52% of Alibaba Cloud's post-inter-segment elimination revenue for the quarter ended December 31, 2021.

Products & Services

- **Data Centers:** Alibaba Cloud continues to ramp up its international presence and has added two data centers in the Asia Pacific region, one in South Korea and the other in Thailand. Currently, Alibaba Cloud offers computing services in 25 regions globally, including Malaysia, Singapore, Indonesia, Japan, Germany and Dubai.
- **ACK Anywhere:** Alibaba Cloud Container Service for Kubernetes has been upgraded to ACK Anywhere. This latest edition improves the container technology performance, allowing customers to experience low-cost, low-latency and localized public cloud products in all types of data centers.

Technology

Alibaba Cloud's advantages are its proprietary technology and Alibaba Group's continued commitment to invest in research and development in new product offerings and industry-specific solutions for our customers and partners. Highlights of our proprietary technologies in the quarter include:

- **IaaS and PaaS:** The 2021 Gartner Solution Scorecard for Integrated IaaS+PaaS, published in November 2021, recognized Alibaba Cloud's combined IaaS and PaaS offerings as the third highest scored solution among all the global vendors evaluated. Out of the nine categories examined, Alibaba Cloud received the highest scores in compute, storage, networking and security (based on required criteria) categories compared with those of other global vendors evaluated according to the same report.
- **Database:** Alibaba Cloud was recognized as a Leader in the 2021 Gartner Magic Quadrant for Cloud Database Management Systems (DBMS) for the second consecutive year.

Digital Media and Entertainment

In the December quarter, Youku's daily average subscribers base increased 14% year-over-year, driven by competitive membership pricing and continued contribution from the 88VIP membership program. Youku continues to improve operational efficiency through disciplined investment in content and production capability, which resulted in narrowing of losses year-over-year during the quarter.

Alibaba Pictures has consistently shown its solid track record in content investment and distribution. Alibaba Pictures participated in the production and distribution of over 70% of China's major box office movies during the quarter.

ESG Strategy & Updates

On December 17, 2021, we published our inaugural Alibaba Carbon Neutrality Action Report and announced our climate pledge targets and strategy. In 2020, the total greenhouse gas emissions accounted in Scopes 1-3¹ generated by Alibaba amounted to 9.51 million metric tons of carbon dioxide equivalent. This is the first attempt to baseline our greenhouse gas emissions. We have pursued a scientifically rigorous process, but also fully realize that this is a work in progress, leaving much work to be done, given the complexity of these measurements across our diverse business practices.

Alibaba has put into practice a comprehensive decarbonization strategy. By 2030, we are committed to achieving:

- Scope 1 and Scope 2 carbon neutrality;
- a 50% reduction in Scope 3 carbon intensity; and
- Scope 3 carbon neutrality for Alibaba Cloud.

Our decarbonization result will be measured, verified, and audited by authorized organizations. We have incorporated a three-tier ESG governance framework to oversee, enable and support the achievement of our carbon neutrality targets and broader ESG goals. To achieve these targets, we will implement a technology-led approach including:

¹ Scope 1, 2 and 3 are defined by Global Greenhouse Gas Protocols. Scope 1 includes direct emissions from owned or controlled sources. Scope 2 includes indirect emissions from purchased electricity, steam, heating, and cooling. Scope 3 includes upstream and downstream emissions of the organization's activities, such as emissions from purchased products and services, emissions from the use of the products the organization sells, employee commuting, business travel and others.

- leveraging technology to drive energy efficiency;
- progressively upgrading our energy mix with adoption of clean energy; and
- actively engaging in carbon reduction, removal and offset initiatives.

We believe our potential to drive greenhouse gas emission reduction is far greater than our own Scope 1-3 emissions, especially in engaging millions of merchants and over 1 billion consumers on our digital platform's ecosystem. In addition to Scopes 1-3, we proposed the concept of "Scope 3+", which refers to the emissions generated by a wider range of participants in a platform's ecosystem. In addition to our own operations, we want to empower businesses and incentivize consumers on our platforms to reduce emissions, and we target to achieve a total of 1.5 gigatons of platform decarbonization (Scope 3+) by 2035.

Cash Flow from Operating Activities and Free Cash Flow

In the quarter ended December 31, 2021, net cash provided by operating activities was RMB80,366 million (US\$12,611 million), a decrease of 22% compared to RMB103,208 million in the same quarter of 2020. Free cash flow, a non-GAAP measurement of liquidity, decreased by 26% to RMB71,022 million (US\$11,145 million), from RMB96,210 million in the same quarter of 2020, mainly due to a decrease in profit as a result of our increased investments in growth initiatives and our increased spending for user growth, as well as our support to merchants. A reconciliation of net cash provided by operating activities to free cash flow is included at the end of this results announcement.

Share Repurchases

During the quarter ended December 31, 2021, we repurchased approximately 10.1 million of our ADSs (the equivalent of approximately 80.7 million of our ordinary shares) for approximately US\$1.4 billion under our share repurchase program. For the nine months ended December 31, 2021, we repurchased approximately 42.2 million of our ADSs (the equivalent of approximately 337.5 million of our ordinary shares) for approximately US\$7.7 billion under our share repurchase program, representing 51% of our US\$15 billion share repurchase program. As of December 31, 2021, we had approximately 21.5 billion ordinary shares (the equivalent of approximately 2.7 billion ADSs) issued and outstanding. Our current share repurchase program will expire by the end of December 2022.

DECEMBER QUARTER SUMMARY FINANCIAL RESULTS

	Three months ended December 31,			
	2020	2021		
	RMB	RMB	US\$	YoY % Change
	(in millions, except percentages and per share amounts)			
Revenue	221,084	242,580	38,066	10%
Income from operations	49,002	7,068	1,109	(86)% ⁽²⁾
Operating margin	22%	3%		
Adjusted EBITDA ⁽¹⁾	68,380	51,364	8,060	(25)% ⁽³⁾
Adjusted EBITDA margin ⁽¹⁾	31%	21%		
Adjusted EBITA ⁽¹⁾	61,253	44,822	7,034	(27)% ⁽³⁾
Adjusted EBITA margin ⁽¹⁾	28%	18%		
Net income	77,977	19,224	3,017	(75)% ⁽⁴⁾
Net income attributable to ordinary shareholders	79,427	20,429	3,206	(74)% ⁽⁴⁾
Non-GAAP net income ⁽¹⁾	59,207	44,624	7,002	(25)% ⁽³⁾
Diluted earnings per share ⁽⁵⁾	3.61	0.94	0.15	(74)% ⁽⁴⁾
Diluted earnings per ADS ⁽⁵⁾	28.85	7.51	1.18	(74)% ⁽⁴⁾
Non-GAAP diluted earnings per share ^{(1) (5)}	2.75	2.11	0.33	(23)% ⁽³⁾
Non-GAAP diluted earnings per ADS ^{(1) (5)}	22.03	16.87	2.65	(23)% ⁽³⁾

(1) See the sections entitled “Information about Segments,” “Non-GAAP Financial Measures” and “Reconciliations of Non-GAAP Measures to the Nearest Comparable U.S. GAAP Measures” for more information about the non-GAAP measures referred to within this results announcement.

(2) The year-over-year decrease was primarily due to a RMB25,141 million (US\$3,945 million) impairment of goodwill in relation to the Digital media and entertainment segment, our increased investments in growth initiatives, such as Taobao Deals, Taocaicai, Lazada and Ele.me, and our increased spending for user growth, as well as our support to merchants. We excluded impairment of goodwill from our non-GAAP measurements.

(3) The year-over-year decreases were primarily due to our increased investments in growth initiatives, such as Taobao Deals, Taocaicai, Lazada and Ele.me, and our increased spending for user growth, as well as our support to merchants.

(4) The year-over-year decreases were primarily attributable to the decrease in income from operations, as well as the decrease in net gains arising from the changes in fair value of our equity investments.

(5) Each ADS represents eight ordinary shares.

DECEMBER QUARTER INFORMATION BY SEGMENTS

The table below sets forth selected financial information of our operating segments for the periods indicated:

Three months ended December 31, 2021

	China commerce	International commerce	Local consumer services	Cainiao	Cloud	Digital media and entertainment	Innovation initiatives and others	Unallocated ⁽¹⁾	Consolidated	
	RMB	RMB	RMB	RMB	RMB	RMB	RMB	RMB	RMB	US\$
	(in millions, except percentages)									
Revenue	172,226	16,449	12,141	13,078	19,539	8,113	1,034	—	242,580	38,066
Income (Loss) from operations	54,469	(3,707)	(7,644)	(987)	(2,137)	(2,139)	(2,434)	(28,353)	7,068	1,109
Add: Share-based compensation expense	2,740	769	1,158	639	2,267	566	608	1,029	9,776	1,535
Add: Amortization of intangible assets	580	21	1,499	256	4	199	217	61	2,837	445
Add: Impairment of goodwill	—	—	—	—	—	—	—	25,141	25,141	3,945
Adjusted EBITA	57,789	(2,917)	(4,987)	(92)	134	(1,374)	(1,609)	(2,122)	44,822	7,034
Adjusted EBITA margin	34%	(18)%	(41)%	(1)%	1%	(17)%	(156)%	—	18%	

Three months ended December 31, 2020

	China commerce	International commerce	Local consumer services	Cainiao	Cloud	Digital media and entertainment	Innovation initiatives and others	Unallocated ⁽¹⁾	Consolidated
	RMB	RMB	RMB	RMB	RMB	RMB	RMB	RMB	RMB
	(in millions, except percentages)								
Revenue	161,328	13,920	9,536	11,360	16,227	8,079	634	—	221,084
Income (Loss) from operations	68,590	(2,149)	(7,242)	(713)	(2,344)	(2,387)	(2,127)	(2,626)	49,002
Add: Share-based compensation expense	2,789	652	959	190	2,118	770	1,063	538	9,079
Add: Amortization of intangible assets	568	49	1,956	282	5	228	23	61	3,172
Adjusted EBITA	71,947	(1,448)	(4,327)	(241)	(221)	(1,389)	(1,041)	(2,027)	61,253
Adjusted EBITA margin	45%	(10)%	(45)%	(2)%	(1)%	(17)%	(164)%	—	28%

Starting this quarter, our chief operating decision maker (“CODM”) started to review information under a new reporting structure, and segment reporting is updated to conform to this change, which also provides greater transparency in our business progress and financial performance. Our updated segments comprise:

- China commerce, which mainly includes retail businesses such as Taobao, Tmall, Taobao Deals, Taocaicai, Tmall Supermarket, Tmall Global, Freshippo, Alibaba Health, and Sun Art, as well as wholesale business including 1688.com;
- International commerce, which mainly includes our international retail and wholesale businesses such as Lazada, AliExpress, Trendyol, Daraz and Alibaba.com;
- Local consumer services, which mainly includes location-based services, such as Ele.me, Amap (previously reported under the Innovation initiatives and others segment), Fliggy and Taoxianda;
- Cainiao, which mainly includes our domestic and international one-stop-shop logistics services and supply chain management solutions;
- Cloud, which comprises Alibaba Cloud and DingTalk;

- Digital media and entertainment, which comprises Youku and Alibaba Pictures, as well as other content platforms and online games business; and
 - Innovation initiatives and others, which includes businesses such as Tmall Genie and DAMO Academy.
- Comparative figures were reclassified to conform to this presentation.

(1) Unallocated expenses primarily relate to corporate administrative costs and other miscellaneous items that are not allocated to individual segments. The goodwill impairment is presented as an unallocated item in the segment information because our management does not consider this as part of the segment operating performance measure.

TRAILING NINE MONTHS INFORMATION BY SEGMENTS

The table below sets forth selected financial information of our operating segments for the nine months ended December 31, 2021:

	Nine months ended December 31, 2021									
	China commerce	International commerce	Local consumer services	Cainiao	Cloud	Digital media and entertainment	Innovation initiatives and others	Unallocated ⁽¹⁾	Consolidated	
	RMB	RMB	RMB	RMB	RMB	RMB	RMB	RMB	RMB	US\$
	(in millions, except percentages)									
Revenue	452,375	46,743	33,046	34,525	55,597	24,267	2,457	—	649,010	101,844
Income (Loss) from operations	139,748	(8,737)	(23,982)	(2,839)	(5,765)	(4,849)	(6,697)	(33,958)	52,921	8,304
Add: Share-based compensation expense	7,980	2,233	3,035	1,481	6,623	1,515	1,775	3,066	27,708	4,348
Add: Amortization of intangible assets	2,237	76	4,655	805	12	610	245	176	8,816	1,384
Add: Impairment of goodwill	—	—	—	—	—	—	—	25,141	25,141	3,945
Adjusted EBITA	149,965	(6,428)	(16,292)	(553)	870	(2,724)	(4,677)	(5,575)	114,586	17,981
Adjusted EBITA margin	33%	(14)%	(49)%	(2)%	2%	(11)%	(190)%	—	18%	

	Nine months ended December 31, 2020								
	China commerce	International commerce	Local consumer services	Cainiao	Cloud	Digital media and entertainment	Innovation initiatives and others	Unallocated ⁽¹⁾	Consolidated
	RMB	RMB	RMB	RMB	RMB	RMB	RMB	RMB	RMB
	(in millions, except percentages)								
Revenue	371,292	35,435	27,319	27,299	43,693	23,139	1,717	—	529,894
Income (Loss) from operations	160,970	(5,945)	(19,657)	(2,875)	(10,142)	(6,756)	(5,667)	(12,587)	97,341
Add: Share-based compensation expense	12,005	3,339	4,122	1,727	8,216	2,635	2,047	7,397	41,488
Add: Amortization of intangible assets	1,087	157	5,892	920	17	701	67	171	9,012
Adjusted EBITA	174,062	(2,449)	(9,643)	(228)	(1,909)	(3,420)	(3,553)	(5,019)	147,841
Adjusted EBITA margin	47%	(7)%	(35)%	(1)%	(4)%	(15)%	(207)%	—	28%

Starting this quarter, our CODM started to review information under a new reporting structure, and segment reporting is updated to conform to this change, which also provides greater transparency in our business progress and financial performance (see “December Quarter Information by Segments” above). Comparative figures were reclassified to conform to this presentation.

- (1) Unallocated expenses primarily relate to corporate administrative costs and other miscellaneous items that are not allocated to individual segments. The goodwill impairment is presented as an unallocated item in the segment information because our management does not consider this as part of the segment operating performance measure.

DECEMBER QUARTER OPERATIONAL AND FINANCIAL RESULTS

Revenue

Revenue for the quarter ended December 31, 2021 was RMB242,580 million (US\$38,066 million), an increase of 10% compared to RMB221,084 million in the same quarter of 2020. The increase was mainly driven by the segment revenue growth of China commerce, Cloud, Local consumer services and International commerce.

The following table sets forth a breakdown of our revenue by segment for the periods indicated:

	Three months ended December 31,					
	2020		2021			
	RMB	% of Revenue	RMB	US\$	% of Revenue	YoY % Change
	(in millions, except percentages)					
China commerce:						
China commerce retail						
- Customer management	101,449	46%	100,089	15,706	41%	(1)%
- Direct sales and others ⁽¹⁾	56,048	25%	67,906	10,656	28%	21%
	157,497	71%	167,995	26,362	69%	7%
China commerce wholesale	3,831	2%	4,231	664	2%	10%
Total China commerce	161,328	73%	172,226	27,026	71%	7%
International commerce:						
International commerce retail	10,158	5%	11,606	1,821	5%	14%
International commerce wholesale	3,762	2%	4,843	760	2%	29%
Total International commerce	13,920	7%	16,449	2,581	7%	18%
Local consumer services	9,536	4%	12,141	1,905	5%	27%
Cainiao	11,360	5%	13,078	2,052	5%	15%
Cloud	16,227	7%	19,539	3,066	8%	20%
Digital media and entertainment	8,079	4%	8,113	1,273	3%	0%
Innovation initiatives and others	634	0%	1,034	163	1%	63%
Total	221,084	100%	242,580	38,066	100%	10%

Starting this quarter, our CODM started to review information under a new reporting structure, and segment reporting is updated to conform to this change, which also provides greater transparency in our business progress and financial performance (see “December Quarter Information by Segments” above). Comparative figures were reclassified to conform to this presentation.

- (1) “Direct sales and others” revenue under China commerce retail primarily represents our direct sales businesses, comprising mainly Sun Art, Tmall Supermarket and Freshippo, where revenue and the cost of inventory are recorded on a gross basis.

China commerce

- *China commerce retail business*

Revenue from our China commerce retail business in the quarter ended December 31, 2021 was RMB167,995 million (US\$26,362 million), an increase of 7% compared to RMB157,497 million in the same quarter of 2020. Customer management revenue decreased by 1% year-over-year, primarily due to single-digit year-over-year growth in online physical goods GMV for Taobao and Tmall, excluding unpaid orders, that resulted from slowing market conditions as well as competition. Additionally, we have increased merchant support through incentives to drive merchant adoption of new value-added services as well as strategic reductions in selected service fees to lower merchants’ operational expenses in a slowing consumption environment.

“Direct sales and others” revenue under China commerce retail business in the quarter ended December 31, 2021 was RMB67,906 million (US\$10,656 million) an increase of 21% compared to RMB56,048 million in the same quarter of 2020, primarily due to the revenue contributed by our direct sales businesses, such as Sun Art, Freshippo and Tmall Supermarket.

- ***China commerce wholesale business***

Revenue from our China commerce wholesale business in the quarter ended December 31, 2021 was RMB4,231 million (US\$664 million), an increase of 10% compared to RMB3,831 million in the same quarter of 2020. The increase was primarily due to increase in paying members’ spending on value-added services on 1688.com.

International commerce

- ***International commerce retail business***

Revenue from our international commerce retail business in the quarter ended December 31, 2021 was RMB11,606 million (US\$1,821 million), an increase of 14% compared to RMB10,158 million in the same quarter of 2020. The increase was primarily due to the growth in revenue generated by Lazada. The slower year-over-year growth rate was mainly due to slower revenue growth of Trendyol that was negatively impacted by the depreciation of Turkish lira against Renminbi, as well as the decrease in orders for AliExpress in Europe as a result of the value-added tax levied on cross-border parcels below €22 in value.

- ***International commerce wholesale business***

Revenue from our international commerce wholesale business in the quarter ended December 31, 2021 was RMB4,843 million (US\$760 million), an increase of 29% compared to RMB3,762 million in the same quarter of 2020. The increase was primarily due to increase in the number of paying members on Alibaba.com, as well as an increase in revenue generated by cross-border related value-added services.

Local Consumer Services

Revenue from Local consumer services, which mainly includes location-based services, such as Ele.me, Amap, Fliggy and Taoxianda, was RMB12,141 million (US\$1,905 million) in the quarter ended December 31, 2021, an increase of 27% compared to RMB9,536 million in the same quarter of 2020, primarily due to growth in order volume as well as more efficient use of subsidies that was contra revenue.

Cainiao

Revenue from Cainiao, which represents revenue from its domestic and international one-stop-shop logistics services and supply chain management solutions, after inter-segment elimination, was RMB13,078 million (US\$2,052 million) in the quarter ended December 31, 2021, an increase of 15% compared to RMB11,360 million in the same quarter of 2020, primarily due to the increase in penetration of cross-border and international commerce retail businesses, as well as the increase in revenue from value-added services provided to merchants. Total revenue generated by Cainiao, before inter-segment elimination, which includes revenue from services provided to other Alibaba businesses, was RMB19,600 million (US\$3,076 million), an increase of 23% compared to RMB15,923 million in the same quarter of 2020. The year-over-year increase, in addition to the growth from external revenue, also reflected the growth of fulfillment solutions and value-added services provided to our China commerce retail businesses, such as Tmall, Taobao and Taobao Deals.

Cloud

Revenue from our Cloud business, after inter-segment elimination, was RMB19,539 million (US\$3,066 million) in the quarter ended December 31, 2021, an increase of RMB 3,312 million compared to RMB16,227 million in the same quarter of 2020. The solid 20% year-over-year growth reflected the robust growth from financial and telecommunication industries, partially offset by the continuing impact of a top cloud customer's decision to stop using our overseas cloud services for its international business due to non-product related requirements and slowing demand from customers in the Internet industry such as online entertainment and education. Total revenue from our Cloud business before inter-segment elimination, which includes revenue from services provided to other Alibaba businesses, was RMB26,431 million (US\$4,148 million), an increase of 19% compared to RMB22,175 million in the same quarter of 2020.

Digital media and entertainment

Revenue from our Digital media and entertainment segment in the quarter ended December 31, 2021 was RMB8,113 million (US\$1,273 million), compared to RMB8,079 million in the same quarter of 2020.

Innovation initiatives and others

Revenue from Innovation initiatives and others was RMB1,034 million (US\$163 million) in the quarter ended December 31, 2021, an increase of 63% compared to RMB634 million in the same quarter of 2020.

Costs and Expenses

The following tables set forth a breakdown of our costs and expenses, share-based compensation expense and costs and expenses excluding share-based compensation expense by function for the periods indicated.

	Three months ended December 31,					% of Revenue YoY change
	2020		2021			
		% of			% of	
	RMB	Revenue	RMB	US\$	Revenue	
	(in millions, except percentages)					
Costs and expenses:						
Cost of revenue	121,268	55%	146,658	23,014	61%	6%
Product development expenses	13,607	6%	15,705	2,465	6%	0%
Sales and marketing expenses	25,343	11%	36,706	5,760	15%	4%
General and administrative expenses	8,692	4%	8,465	1,328	4%	0%
Amortization of intangible assets	3,172	2%	2,837	445	1%	(1)%
Impairment of goodwill	—	—	25,141	3,945	10%	10%
Total costs and expenses	172,082	78%	235,512	36,957	97%	19%
Share-based compensation expense:						
Cost of revenue	2,143	1%	2,307	362	1%	0%
Product development expenses	4,022	2%	4,196	659	2%	0%
Sales and marketing expenses	1,085	0%	1,199	188	0%	0%
General and administrative expenses	1,829	1%	2,074	326	1%	0%
Total share-based compensation expense	9,079	4%	9,776	1,535	4%	0%

Costs and expenses excluding share-based compensation expense:

Cost of revenue	119,125	54%	144,351	22,652	60%	6%
Product development expenses	9,585	4%	11,509	1,806	4%	0%
Sales and marketing expenses	24,258	11%	35,507	5,572	15%	4%
General and administrative expenses	6,863	3%	6,391	1,002	3%	0%
Amortization of intangible assets	3,172	2%	2,837	445	1%	(1)%
Impairment of goodwill	—	—	25,141	3,945	10%	10%
Total costs and expenses excluding share-based compensation expense	<u>163,003</u>	<u>74%</u>	<u>225,736</u>	<u>35,422</u>	<u>93%</u>	<u>19%</u>

Cost of revenue – Cost of revenue in the quarter ended December 31, 2021 was RMB146,658 million (US\$23,014 million), or 61% of revenue, compared to RMB121,268 million, or 55% of revenue, in the same quarter of 2020. Without the effect of share-based compensation expense, cost of revenue as a percentage of revenue would have increased from 54% in the quarter ended December 31, 2020 to 60% in the quarter ended December 31, 2021. The increase was primarily attributable to (i) the higher proportion of our direct sales businesses, such as Sun Art, Tmall Supermarket and Freshippo, that resulted in increased cost of inventory as a percentage of revenue, and (ii) the growth of Taocaicai businesses that led to an increase in logistics costs as a percentage of revenue.

Product development expenses – Product development expenses in the quarter ended December 31, 2021 were RMB15,705 million (US\$2,465 million), or 6% of revenue, compared to RMB13,607 million, or 6% of revenue, in the same quarter of 2020. Without the effect of share-based compensation expense, product development expenses as a percentage of revenue would have remained stable at 4% in the quarter ended December 31, 2021 and the same quarter last year.

Sales and marketing expenses – Sales and marketing expenses in the quarter ended December 31, 2021 were RMB36,706 million (US\$5,760 million), or 15% of revenue, compared to RMB25,343 million, or 11% of revenue, in the same quarter of 2020. Without the effect of share-based compensation expense, sales and marketing expenses as a percentage of revenue would have increased from 11% in the quarter ended December 31, 2020 to 15% in the quarter ended December 31, 2021. The increase was primarily due to an increase in marketing and promotional spending for user acquisition and engagement for our mobile commerce apps, such as Taobao Deals, Taobao, Lazada and Ele.me.

General and administrative expenses – General and administrative expenses in the quarter ended December 31, 2021 were RMB8,465 million (US\$1,328 million), or 4% of revenue, compared to RMB8,692 million, or 4% of revenue, in the same quarter of 2020. Without the effect of share-based compensation expense, general and administrative expenses as a percentage of revenue would have remained stable at 3% in the quarter ended December 31, 2021 and the same quarter last year.

Share-based compensation expense – Total share-based compensation expense included in the cost and expense items above in the quarter ended December 31, 2021 was RMB9,776 million (US\$1,535 million), an increase of 8% compared to RMB9,079 million in the same quarter of 2020. Share-based compensation expense as a percentage of revenue remained stable at 4% in the quarter ended December 31, 2021, as compared to the same quarter last year.

The following table sets forth our analysis of share-based compensation expense for the quarters indicated by type of share-based awards:

	Three months ended December 31,					% Change YoY
	2020		2021			
	RMB	% of	RMB	US\$	% of	
		Revenue			Revenue	
		(in millions, except percentages)				
By type of awards:						
Alibaba Group share-based awards ⁽¹⁾	7,694	4%	7,874	1,236	3%	2%
Ant Group share-based awards ⁽²⁾	542	0%	340	54	0%	(37)%
Others ⁽³⁾	843	0%	1,562	245	1%	85%
Total share-based compensation expense	9,079	4%	9,776	1,535	4%	8%

(1) This represents Alibaba Group share-based awards granted to our employees.

(2) This represents Ant Group share-based awards granted to our employees, which is subject to mark-to-market accounting treatment.

(3) This represents share-based awards of our subsidiaries

Share-based compensation expense related to Alibaba Group share-based awards remained stable in this quarter compared to the same quarter of 2020.

We expect that our share-based compensation expense will continue to be affected by changes in the fair value of the underlying awards and the quantity of awards we grant in the future.

Amortization of intangible assets – Amortization of intangible assets in the quarter ended December 31, 2021 was RMB2,837 million (US\$445 million), a decrease of 11% from RMB3,172 million in the same quarter of 2020.

Impairment of goodwill - Impairment of goodwill of RMB25,141 million (US\$3,945 million) was recorded in the quarter ended December 31, 2021, representing the amount by which the carrying value of certain reporting units within the Digital media and entertainment segment exceeds their fair value, based on an annual goodwill impairment assessment.

Income from operations and operating margin

Income from operations in the quarter ended December 31, 2021 was RMB7,068 million (US\$1,109 million), or 3% of revenue, a decrease of 86% compared to RMB49,002 million, or 22% of revenue, in the same quarter of 2020, primarily due to a RMB25,141 million (US\$3,945 million) impairment of goodwill in relation to the Digital media and entertainment segment, our increased investments in growth initiatives, such as Taobao Deals, Taocaicai, Lazada and Ele.me, and our increased spending for user growth, as well as our support to merchants. We excluded impairment of goodwill from our non-GAAP measurements.

Adjusted EBITDA and Adjusted EBITA

Adjusted EBITDA decreased 25% year-over-year to RMB51,364 million (US\$8,060 million) in the quarter ended December 31, 2021, compared to RMB68,380 million in the same quarter of 2020. Adjusted EBITA decreased 27% year-over-year to RMB44,822 million (US\$7,034 million) in the quarter ended December 31, 2021, compared to RMB61,253 million in the same quarter of 2020. The year-over-year decreases were primarily due to our increased investments in growth initiatives, such as Taobao Deals, Taocaicai, Lazada and Ele.me, and our increased spending for user growth, as well as our support to merchants. A

reconciliation of net income to adjusted EBITDA and adjusted EBITA is included at the end of this results announcement.

Adjusted EBITA and adjusted EBITA margin by segments

Adjusted EBITA and adjusted EBITA margin by segments are set forth in the table below. See the section entitled “December Quarter Information by Segments” above for a reconciliation of income (loss) from operations to adjusted EBITA.

	Three months ended December 31,				
	2020		2021		
	RMB	% of	RMB	US\$	% of
		Segment			Segment
		Revenue			Revenue
(in millions, except percentages)					
China commerce	71,947	45%	57,789	9,068	34%
International commerce	(1,448)	(10)%	(2,917)	(458)	(18)%
Local consumer services	(4,327)	(45)%	(4,987)	(783)	(41)%
Cainiao	(241)	(2)%	(92)	(14)	(1)%
Cloud	(221)	(1)%	134	21	1%
Digital media and entertainment	(1,389)	(17)%	(1,374)	(216)	(17)%
Innovation initiatives and others	(1,041)	(164)%	(1,609)	(252)	(156)%
Unallocated ⁽¹⁾	(2,027)	-	(2,122)	(332)	-
Total	61,253	28%	44,822	7,034	18%

Starting this quarter, our CODM started to review information under a new reporting structure, and segment reporting is updated to conform to this change, which also provides greater transparency in our business progress and financial performance (see “December Quarter Information by Segments” above). Comparative figures were reclassified to conform to this presentation.

(1) Unallocated expenses primarily relate to corporate administrative costs and other miscellaneous items that are not allocated to individual segments.

China commerce segment – Adjusted EBITA decreased by 20% to RMB57,789 million (US\$9,068 million) in the quarter ended December 31, 2021, compared to RMB71,947 million in the same quarter of 2020. The decrease was primarily due to our increased investments in growth initiatives within our China commerce retail businesses, such as Taobao Deals and Taocaicai, and our increased spending for user growth, including Taobao, as well as our support to merchants. These factors also led to a decrease in adjusted EBITA margin from 45% in the quarter ended December 31, 2020 to 34% in the quarter ended December 31, 2021.

We expect that our China commerce adjusted EBITA margin will continue to be affected by the pace of our investment in growth initiatives, as well as the growth of our direct sales businesses.

International commerce segment – Adjusted EBITA was a loss of RMB2,917 million (US\$458 million) in the quarter ended December 31, 2021, compared to a loss of RMB1,448 million in the same quarter of 2020. The year-over year increase in adjusted EBITA loss was primarily attributable to the increase in Lazada’s marketing and promotional spending for user acquisition and engagement.

Local consumer services segment – Adjusted EBITA was a loss of RMB4,987 million (US\$783 million) in the quarter ended December 31, 2021, compared to a loss of RMB4,327 million in the same quarter of 2020, primarily due to the increased losses of our “To Destination” businesses, including Amap. Losses of our “To Home” businesses, including Ele.me, slightly increased year-over-year, but narrowed quarter-over-quarter, driven by our disciplined user acquisition spending and reduced delivery cost.

Cainiao segment – Adjusted EBITA was a loss of RMB92 million (US\$14 million) in the quarter ended December 31, 2021, compared to a loss of RMB241 million in the same quarter of 2020.

Cloud segment – Adjusted EBITA was a profit of RMB134 million (US\$21 million) in the quarter ended December 31, 2021, compared to a loss of RMB221 million in the same quarter of 2020, primarily attributable to the realization of economies of scale.

Digital media and entertainment segment – Adjusted EBITA in the quarter ended December 31, 2021 was a loss of RMB1,374 million (US\$216 million), compared to a loss of RMB1,389 million in the same quarter of 2020.

Innovation initiatives and others segment – Adjusted EBITA in the quarter ended December 31, 2021 was a loss of RMB1,609 million (US\$252 million), compared to a loss of RMB1,041 million in the same quarter of 2020, primarily due to our investments in technology and innovation.

Interest and investment income, net

Interest and investment income, net in the quarter ended December 31, 2021 was RMB18,361 million (US\$2,881 million), compared to RMB40,036 million in the same quarter of 2020, primarily due to the decrease in the net gains arising from changes in fair value of our equity investments. In the same quarter of 2020, we also recognized a one-time gain of RMB6.4 billion arising from the revaluation of our previously held equity interests in Sun Art upon our consolidation in October 2020.

The above-mentioned gains and losses were excluded from our non-GAAP net income.

Other income, net

Other income, net in the quarter ended December 31, 2021 was RMB5,083 million (US\$798 million), compared to RMB2,826 million in the same quarter of 2020, primarily due to the increase in net exchange gain.

Income tax expenses

Income tax expenses in the quarter ended December 31, 2021 were RMB9,553 million (US\$1,499 million), compared to RMB9,194 million in the same quarter of 2020.

Our effective tax rate increased to 33% in the quarter ended December 31, 2021 from 10% in the same quarter of 2020, primarily attributable to the impairment of goodwill recorded in this quarter. Excluding share-based compensation expense, revaluation and disposal gains/losses of investments, impairment of goodwill and investments, as well as the deferred tax effects on basis differences arising from our share of results of equity method investees, our effective tax rate would have been 20% in the quarter ended December 31, 2021.

Share of results of equity method investees

Share of results of equity method investees in the quarter ended December 31, 2021 was a loss of RMB549 million (US\$86 million), compared to a loss of RMB3,601 million in the same quarter of 2020. Share of results of equity method investees in the quarter ended December 31, 2021 and the same quarter in the prior year consisted of the following:

Three months ended December 31,

	2020	2021	
	RMB	RMB	US\$
		(in millions)	
Share of profit (loss) of equity method investees			
- Ant Group	4,796	5,811	912
- Others	(100)	(1,632)	(256)
Impairment loss	(7,196)	(3,577)	(561)
Others ⁽¹⁾	(1,101)	(1,151)	(181)
Total	<u>(3,601)</u>	<u>(549)</u>	<u>(86)</u>

(1) "Others" mainly include amortization of intangible assets of equity method investees, share-based compensation expense related to share-based awards granted to employees of our equity method investees, as well as gain or loss arising from the dilution of our investment in equity method investees.

We record our share of results of all equity method investees one quarter in arrears. The year-over-year increase in share of profit of Ant Group was mainly due to an increase in net gains from investments held by Ant Group. The decrease in share of results of other equity method investees was mainly due to the overall decline in financial performance of our equity method investees.

Net income and Non-GAAP net income

Our net income in the quarter ended December 31, 2021 was RMB19,224 million (US\$3,017 million), a decrease of 75% compared to RMB77,977 million in the same quarter of 2020. The year-over-year decreases were primarily attributable to the decrease in income from operations, as well as the decrease in net gains arising from the changes in fair value of our equity investments.

Excluding share-based compensation expense, revaluation and disposal gains/losses of investments, impairment of goodwill and investments and certain other items, non-GAAP net income in the quarter ended December 31, 2021 was RMB44,624 million (US\$7,002 million), a decrease of 25% compared to RMB59,207 million in the same quarter of 2020. A reconciliation of net income to non-GAAP net income is included at the end of this results announcement.

Net income attributable to ordinary shareholders

Net income attributable to ordinary shareholders in the quarter ended December 31, 2021 was RMB20,429 million (US\$3,206 million), a decrease of 74% compared to RMB79,427 million in the same quarter of 2020. The year-over-year decrease was primarily attributable to the decrease in income from operations, as well as the decrease in net gains arising from the changes in fair value of our equity investments.

Diluted earnings per ADS/share and non-GAAP diluted earnings per ADS/share

Diluted earnings per ADS in the quarter ended December 31, 2021 was RMB7.51 (US\$1.18) on a weighted average of 21,716 million diluted shares outstanding during the quarter, a decrease of 74% compared to RMB28.85 on a weighted average of 22,021 million diluted shares outstanding during the same quarter in 2020. Excluding share-based compensation expense, revaluation and disposal gains/losses of investments, impairment of goodwill and investments and certain other items, non-GAAP diluted earnings per ADS in the quarter ended December 31, 2021 was RMB16.87 (US\$2.65), a decrease of 23% compared to RMB22.03 in the same quarter of 2020.

Diluted earnings per share in the quarter ended December 31, 2021 was RMB0.94 (US\$0.15 or HK\$1.15), a decrease of 74% compared to RMB3.61 in the same quarter of 2020. Excluding share-based compensation expense, revaluation and disposal gains/losses of investments, impairment of goodwill and investments and

certain other items, non-GAAP diluted earnings per share in the quarter ended December 31, 2021 was RMB2.11 (US\$0.33 or HK\$2.58), a decrease of 23%, compared to RMB2.75 in the same quarter of 2020.

A reconciliation of diluted earnings per ADS/share to non-GAAP diluted earnings per ADS/share is included at the end of this results announcement. Each ADS represents eight ordinary shares.

Cash, cash equivalents and short-term investments

As of December 31, 2021, cash, cash equivalents and short-term investments were RMB478,528 million (US\$75,091 million), compared to RMB473,638 million as of March 31, 2021. The increase in cash, cash equivalents and short-term investments during the nine months ended December 31, 2021 was primarily due to free cash flow generated from operations of RMB113,944 million (US\$17,880 million), partly offset by cash used in repurchase of ordinary shares of RMB49,093 million (US\$7,704 million), cash used in investment and acquisition activities of RMB46,557 million (US\$7,306 million), as well as repayment of unsecured senior notes of US\$1,500 million.

Cash flow from operating activities and free cash flow

Net cash provided by operating activities in the quarter ended December 31, 2021 was RMB80,366 million (US\$12,611 million), a decrease of 22% compared to RMB103,208 million in the same quarter of 2020. Free cash flow, a non-GAAP measurement of liquidity, in the quarter ended December 31, 2021 decreased by 26% to RMB71,022 million (US\$11,145 million), from RMB96,210 million in the same quarter of 2020, mainly due to a decrease in profit as a result of our increased investments in growth initiatives and our increased spending for user growth, as well as our support to merchants. A reconciliation of net cash provided by operating activities to free cash flow is included at the end of this results announcement.

Net cash used in investing activities

During the quarter ended December 31, 2021, net cash used in investing activities of RMB33,790 million (US\$5,302 million) primarily reflected (i) an increase in short-term investments by RMB15,450 million (US\$2,424 million), (ii) capital expenditures of RMB13,351 million (US\$2,095 million), which included cash outflow for acquisition of land use rights and construction in progress relating to office campuses of RMB4,098 million (US\$643 million), as well as (iii) cash outflow of RMB11,421 million (US\$1,792 million) for investment and acquisition activities. These cash outflows were partially offset by cash inflow of RMB6,705 million (US\$1,052 million) from disposal of investments.

Employees

As of December 31, 2021, we had a total of 259,316 employees, compared to 258,578 as of September 30, 2021.

WEBCAST AND CONFERENCE CALL INFORMATION

Alibaba Group's management will hold a conference call to discuss the financial results at 7:30 a.m. U.S. Eastern Time (8:30 p.m. Hong Kong Time) on February 24, 2022.

Details of the conference call are as follows:

International: +65 6780 1201
U.S.: +1 332 208 9458
U.K.: +44 20 3692 8123
Hong Kong SAR: +852 3018 8307
China Landline: 800 820 2079
China Mobile: 400 820 6895
Conference ID: 5436218 (English)
Conference ID: 8955235 (simultaneous interpretation in Chinese, listen only mode)

A live webcast of the earnings conference call can be accessed at <https://www.alibabagroup.com/en/ir/earnings>. An archived webcast will be available through the same link following the call. A replay of the conference call will be available for one week (dial-in number: +61 2 8199 0299; same conference ID as shown above).

Please visit Alibaba Group's Investor Relations website at <https://www.alibabagroup.com/en/ir/home> on February 24, 2022 to view the earnings release and accompanying slides prior to the conference call.

ABOUT ALIBABA GROUP

Alibaba Group's mission is to make it easy to do business anywhere. The company aims to build the future infrastructure of commerce. It envisions that its customers will meet, work and live at Alibaba, and that it will be a good company that lasts for 102 years.

CONTACTS

Investor Relations Contact:

Rob Lin
investor@alibaba-inc.com

Media Contacts:

Cathy Yan
cathy.yan@alibaba-inc.com

Liyan Chen
liyan.chen@alibaba-inc.com

Brion Tingler
brion.tingler@alibaba-inc.com

EXCHANGE RATE INFORMATION

This results announcement contains translations of certain Renminbi ("RMB") amounts into U.S. dollars ("US\$") and Hong Kong dollars ("HK\$") for the convenience of the reader. Unless otherwise stated, all translations of RMB into US\$ were made at RMB6.3726 to US\$1.00, the exchange rate on December 30, 2021 as set forth in the H.10 statistical release of the Federal Reserve Board, and all translations of RMB into HK\$ were made at RMB0.8176 to HK\$1.00, the middle rate on December 31, 2021 as published by the

People's Bank of China. The percentages stated in this announcement are calculated based on the RMB amounts and there may be minor differences due to rounding.

SAFE HARBOR STATEMENTS

This announcement contains forward-looking statements. These statements are made under the “safe harbor” provisions of the U.S. Private Securities Litigation Reform Act of 1995. These forward-looking statements can be identified by terminology such as “may,” “will,” “expect,” “anticipate,” “future,” “aim,” “estimate,” “intend,” “seek,” “plan,” “believe,” “potential,” “continue,” “ongoing,” “target,” “guidance,” “is/are likely to” and similar statements. In addition, statements that are not historical facts, including statements about Alibaba's strategies and business plans, Alibaba's beliefs, expectations and guidance regarding the growth of its business and its revenue, the business outlook and quotations from management in this announcement, as well as Alibaba's strategic and operational plans, are or contain forward-looking statements. Alibaba may also make forward-looking statements in its periodic reports to the U.S. Securities and Exchange Commission (the “SEC”), in announcements made on the website of The Stock Exchange of Hong Kong Limited (the “Hong Kong Stock Exchange”), in press releases and other written materials and in oral statements made by its officers, directors or employees to third parties. Forward-looking statements involve inherent risks and uncertainties. A number of factors could cause actual results to differ materially from those contained in any forward-looking statement, including but not limited to the following: Alibaba's ability to maintain the trusted status of its ecosystem; risks associated with sustained investments in Alibaba's business, strategic acquisitions and investments; Alibaba's ability to maintain or grow its revenue or business; Alibaba's ability to continue to compete effectively and maintain and improve the network effects of its ecosystem; company culture; Alibaba's ability to continue to innovate; risks and challenges associated with operating a complex and large-scale company; risks associated with our acquisitions, investments and alliances; risks associated with expanding our international and cross-border businesses and operations; uncertainties arising from competition among countries and geopolitical tensions, including protectionist or national security policies; changes in laws, regulations and regulatory environment that affect Alibaba's business operations (including in the areas of anti-monopoly and unfair competition); risks associated with the performance and regulatory environment of our business partners, including but not limited to Ant Group; privacy and data protection regulations and concerns; security breaches; fluctuations in general economic and business conditions in China and globally; impacts of the COVID-19 pandemic and assumptions underlying or related to any of the foregoing. Further information regarding these and other risks is included in Alibaba's filings with the SEC and announcements on the website of the Hong Kong Stock Exchange. All information provided in this results announcement is as of the date of this results announcement and are based on assumptions that we believe to be reasonable as of this date, and Alibaba does not undertake any obligation to update any forward-looking statement, except as required under applicable law.

NON-GAAP FINANCIAL MEASURES

To supplement our consolidated financial statements, which are prepared and presented in accordance with GAAP, we use the following non-GAAP financial measures: for our consolidated results, adjusted EBITDA (including adjusted EBITDA margin), adjusted EBITA (including adjusted EBITA margin), non-GAAP net income, non-GAAP diluted earnings per share/ADS and free cash flow. For more information on these non-GAAP financial measures, please refer to the section entitled “Information about Segments” and the table captioned “Reconciliations of Non-GAAP Measures to the Nearest Comparable U.S. GAAP Measures” in this results announcement.

We believe that adjusted EBITDA, adjusted EBITA, non-GAAP net income and non-GAAP diluted earnings per share/ADS help identify underlying trends in our business that could otherwise be distorted by the effect of certain income or expenses that we include in income from operations, net income and diluted earnings per share/ADS. We believe that these non-GAAP measures provide useful information about our

core operating results, enhance the overall understanding of our past performance and future prospects and allow for greater visibility with respect to key metrics used by our management in its financial and operational decision-making. We present three different income measures, namely adjusted EBITDA, adjusted EBITA and non-GAAP net income in order to provide more information and greater transparency to investors about our operating results.

We consider free cash flow to be a liquidity measure that provides useful information to management and investors about the amount of cash generated by our business that can be used for strategic corporate transactions, including investing in our new business initiatives, making strategic investments and acquisitions and strengthening our balance sheet.

Adjusted EBITDA, adjusted EBITA, non-GAAP net income, non-GAAP diluted earnings per share/ADS and free cash flow should not be considered in isolation or construed as an alternative to income from operations, net income, diluted earnings per share/ADS, cash flows or any other measure of performance or as an indicator of our operating performance. These non-GAAP financial measures presented here do not have standardized meanings prescribed by U.S. GAAP and may not be comparable to similarly titled measures presented by other companies. Other companies may calculate similarly titled measures differently, limiting their usefulness as comparative measures to our data.

Adjusted EBITDA represents net income before (i) interest and investment income, net, interest expense, other income, net, income tax expenses and share of results of equity method investees, (ii) certain non-cash expenses, consisting of share-based compensation expense, amortization of intangible assets, depreciation of property and equipment, operating lease cost relating to land use rights and impairment of goodwill, which we do not believe are reflective of our core operating performance during the periods presented.

Adjusted EBITA represents net income before (i) interest and investment income, net, interest expense, other income, net, income tax expenses and share of results of equity method investees, (ii) certain non-cash expenses, consisting of share-based compensation expense, amortization of intangible assets and impairment of goodwill, which we do not believe are reflective of our core operating performance during the periods presented.

Non-GAAP net income represents net income before share-based compensation expense, amortization of intangible assets, impairment of goodwill and investments, gain or loss on deemed disposals/disposals/reevaluation of investments and others, as adjusted for the tax effects on non-GAAP adjustments.

Non-GAAP diluted earnings per share represents non-GAAP net income attributable to ordinary shareholders divided by the weighted average number of shares outstanding during the periods on a diluted basis. **Non-GAAP diluted earnings per ADS** represents non-GAAP diluted earnings per share after adjustment to the ordinary share-to-ADS ratio.

Free cash flow represents net cash provided by operating activities as presented in our consolidated cash flow statement less purchases of property and equipment (excluding acquisition of land use rights and construction in progress relating to office campuses) and intangible assets, as well as adjustments to exclude from net cash provided by operating activities the consumer protection fund deposits from merchants on our marketplaces. We deduct certain items of cash flows from investing activities in order to provide greater transparency into cash flow from our revenue-generating business operations. We exclude “acquisition of land use rights and construction in progress relating to office campuses” because the office campuses are used by us for corporate and administrative purposes and are not directly related to our revenue-generating business operations. We also exclude consumer protection fund deposits from merchants on our marketplaces because these deposits are restricted for the purpose of compensating consumers for claims against merchants.

The section entitled “Information about Segments” and the table captioned “Reconciliations of Non-GAAP Measures to the Nearest Comparable U.S. GAAP Measures” in this results announcement have more details on the non-GAAP financial measures that are most directly comparable to GAAP financial measures and the related reconciliations between these financial measures.

ALIBABA GROUP HOLDING LIMITED
UNAUDITED CONSOLIDATED INCOME STATEMENTS

	Three months ended December 31,			Nine months ended December 31,		
	2020	2021		2020	2021	
	RMB	RMB	US\$	RMB	RMB	US\$
	(in millions, except per share data)			(in millions, except per share data)		
Revenue	221,084	242,580	38,066	529,894	649,010	101,844
Cost of revenue	(121,268)	(146,658)	(23,014)	(295,751)	(400,505)	(62,848)
Product development expenses	(13,607)	(15,705)	(2,465)	(43,934)	(44,521)	(6,986)
Sales and marketing expenses	(25,343)	(36,706)	(5,760)	(56,366)	(92,599)	(14,531)
General and administrative expenses	(8,692)	(8,465)	(1,328)	(27,490)	(24,507)	(3,846)
Amortization of intangible assets	(3,172)	(2,837)	(445)	(9,012)	(8,816)	(1,384)
Impairment of goodwill	—	(25,141)	(3,945)	—	(25,141)	(3,945)
Income from operations	49,002	7,068	1,109	97,341	52,921	8,304
Interest and investment income, net	40,036	18,361	2,881	72,683	21,006	3,296
Interest expense	(1,092)	(1,186)	(186)	(3,316)	(3,720)	(583)
Other income, net	2,826	5,083	798	5,467	8,903	1,397
Income before income tax and share of results of equity method investees	90,772	29,326	4,602	172,175	79,110	12,414
Income tax expenses	(9,194)	(9,553)	(1,499)	(22,229)	(24,736)	(3,882)
Share of results of equity method investees	(3,601)	(549)	(86)	992	11,062	1,736
Net income	77,977	19,224	3,017	150,938	65,436	10,268
Net loss attributable to noncontrolling interests	1,558	1,322	207	5,006	5,666	889
Net income attributable to Alibaba Group Holding Limited	79,535	20,546	3,224	155,944	71,102	11,157
Accretion of mezzanine equity	(108)	(117)	(18)	(157)	(165)	(25)
Net income attributable to ordinary shareholders	79,427	20,429	3,206	155,787	70,937	11,132
Earnings per share attributable to ordinary shareholders⁽¹⁾						
Basic	3.67	0.95	0.15	7.21	3.28	0.51
Diluted	3.61	0.94	0.15	7.09	3.25	0.51
Earnings per ADS attributable to ordinary shareholders⁽¹⁾						
Basic	29.36	7.59	1.19	57.68	26.26	4.12
Diluted	28.85	7.51	1.18	56.71	25.96	4.07
Weighted average number of shares used in calculating earnings per ordinary share (million shares)⁽¹⁾						
Basic	21,643	21,516		21,608	21,610	
Diluted	22,021	21,716		21,969	21,849	

(1) Each ADS represents eight ordinary shares.

ALIBABA GROUP HOLDING LIMITED

REVENUE

The following table sets forth our revenue by segments for the periods indicated:

	Three months ended December 31,			Nine months ended December 31,		
	2020	2021		2020	2021	
	RMB	RMB	US\$	RMB	RMB	US\$
	(in millions)			(in millions)		
China commerce ⁽¹⁾	161,328	172,226	27,026	371,292	452,375	70,988
International commerce ⁽²⁾	13,920	16,449	2,581	35,435	46,743	7,335
Local consumer services ⁽³⁾	9,536	12,141	1,905	27,319	33,046	5,185
Cainiao ⁽⁴⁾	11,360	13,078	2,052	27,299	34,525	5,418
Cloud ⁽⁵⁾	16,227	19,539	3,066	43,693	55,597	8,724
Digital media and entertainment ⁽⁶⁾	8,079	8,113	1,273	23,139	24,267	3,808
Innovation initiatives and others ⁽⁷⁾	634	1,034	163	1,717	2,457	386
Total	221,084	242,580	38,066	529,894	649,010	101,844

Starting this quarter, our CODM started to review information under a new reporting structure, and segment reporting is updated to conform to this change, which also provides greater transparency in our business progress and financial performance (see “December Quarter Information by Segments” above). Comparative figures were reclassified to conform to this presentation.

- (1) Revenue from China commerce is primarily generated from our China commerce retail business, including Taobao, Tmall, Sun Art, Tmall Supermarket and Freshippo, as well as China commerce wholesale business including 1688.com.
- (2) Revenue from International commerce is primarily generated from our international commerce retail business, including Lazada and AliExpress, as well as our international commerce wholesale business including Alibaba.com.
- (3) Revenue from Local consumer services is primarily generated from Ele.me.
- (4) Revenue from Cainiao is primarily generated from our domestic and international one-stop-shop logistics services and supply chain management solutions.
- (5) Revenue from Cloud is primarily generated from the provision of services, such as elastic computing, database, storage, network virtualization services, large scale computing, security, management and application services, big data analytics, a machine learning platform and IoT services.
- (6) Revenue from Digital media and entertainment is primarily generated from Youku and other content platforms, as well as online games business.
- (7) Revenue from Innovation initiatives and others is primarily generated from businesses such as Tmall Genie and other innovation initiatives. Other revenue also includes SME annual fee received from Ant Group and its affiliates.

ALIBABA GROUP HOLDING LIMITED

INFORMATION ABOUT SEGMENTS

The following table sets forth our income (loss) from operations by segments for the periods indicated:

	Three months ended December 31,			Nine months ended December 31,		
	2020	2021		2020	2021	
	RMB	RMB	US\$	RMB	RMB	US\$
	(in millions)			(in millions)		
China commerce	68,590	54,469	8,547	160,970	139,748	21,930
International commerce	(2,149)	(3,707)	(582)	(5,945)	(8,737)	(1,371)
Local consumer services	(7,242)	(7,644)	(1,200)	(19,657)	(23,982)	(3,763)
Cainiao	(713)	(987)	(155)	(2,875)	(2,839)	(446)
Cloud	(2,344)	(2,137)	(335)	(10,142)	(5,765)	(905)
Digital media and entertainment	(2,387)	(2,139)	(335)	(6,756)	(4,849)	(761)
Innovation initiatives and others	(2,127)	(2,434)	(382)	(5,667)	(6,697)	(1,051)
Unallocated	(2,626)	(28,353)	(4,449)	(12,587)	(33,958)	(5,329)
Total	49,002	7,068	1,109	97,341	52,921	8,304

Starting this quarter, our CODM started to review information under a new reporting structure, and segment reporting is updated to conform to this change, which also provides greater transparency in our business progress and financial performance (see “December Quarter Information by Segments” above). Comparative figures were reclassified to conform to this presentation.

The following table sets forth our adjusted EBITA by segments for the periods indicated:

	Three months ended December 31,			Nine months ended December 31,		
	2020	2021		2020	2021	
	RMB	RMB	US\$	RMB	RMB	US\$
	(in millions)			(in millions)		
China commerce	71,947	57,789	9,068	174,062	149,965	23,533
International commerce	(1,448)	(2,917)	(458)	(2,449)	(6,428)	(1,009)
Local consumer services	(4,327)	(4,987)	(783)	(9,643)	(16,292)	(2,557)
Cainiao	(241)	(92)	(14)	(228)	(553)	(87)
Cloud	(221)	134	21	(1,909)	870	137
Digital media and entertainment	(1,389)	(1,374)	(216)	(3,420)	(2,724)	(427)
Innovation initiatives and others	(1,041)	(1,609)	(252)	(3,553)	(4,677)	(734)
Unallocated	(2,027)	(2,122)	(332)	(5,019)	(5,575)	(875)
Total	61,253	44,822	7,034	147,841	114,586	17,981

Starting this quarter, our CODM started to review information under a new reporting structure, and segment reporting is updated to conform to this change, which also provides greater transparency in our business progress and financial performance, (see “December Quarter Information by Segments” above). Comparative figures were reclassified to conform to this presentation.

ALIBABA GROUP HOLDING LIMITED
UNAUDITED CONSOLIDATED BALANCE SHEETS

	As of March 31,	As of December 31,	
	2021	2021	
	RMB	RMB	US\$
		(in millions)	
Assets			
Current assets:			
Cash and cash equivalents	321,262	293,113	45,996
Short-term investments	152,376	185,415	29,095
Restricted cash and escrow receivables	35,207	40,061	6,286
Equity securities and other investments	9,807	16,405	2,574
Prepayments, receivables and other assets	124,708	140,144	21,992
Total current assets	643,360	675,138	105,943
Equity securities and other investments	237,221	259,133	40,664
Prepayments, receivables and other assets	98,432	112,860	17,710
Investment in equity method investees	200,189	217,208	34,085
Property and equipment, net	147,412	165,056	25,901
Intangible assets, net	70,833	61,935	9,719
Goodwill	292,771	269,237	42,249
Total assets	1,690,218	1,760,567	276,271
Liabilities, Mezzanine Equity and Shareholders' Equity			
Current liabilities:			
Current bank borrowings	3,606	7,906	1,241
Current unsecured senior notes	9,831	—	—
Income tax payable	25,275	26,808	4,207
Accrued expenses, accounts payable and other liabilities	261,140	281,867	44,231
Merchant deposits	15,017	28,045	4,401
Deferred revenue and customer advances	62,489	65,881	10,338
Total current liabilities	377,358	410,507	64,418

ALIBABA GROUP HOLDING LIMITED
UNAUDITED CONSOLIDATED BALANCE SHEETS (CONTINUED)

	As of March 31,	As of December 31,	
	2021	2021	
	RMB	RMB	US\$
		(in millions)	
Deferred revenue	3,158	3,562	559
Deferred tax liabilities	59,598	62,173	9,756
Non-current bank borrowings	38,335	37,107	5,823
Non-current unsecured senior notes	97,381	94,624	14,849
Other liabilities	30,754	32,440	5,090
Total liabilities	606,584	640,413	100,495
Commitments and contingencies	—	—	—
Mezzanine equity	8,673	10,608	1,664
Shareholders' equity:			
Ordinary shares	1	1	—
Additional paid-in capital	394,308	415,015	65,125
Treasury shares at cost	—	(1,115)	(175)
Subscription receivables	(47)	(46)	(7)
Statutory reserves	7,347	9,520	1,494
Accumulated other comprehensive loss	(19,063)	(30,710)	(4,819)
Retained earnings	554,924	581,634	91,271
Total shareholders' equity	937,470	974,299	152,889
Noncontrolling interests	137,491	135,247	21,223
Total equity	1,074,961	1,109,546	174,112
Total liabilities, mezzanine equity and equity	1,690,218	1,760,567	276,271

ALIBABA GROUP HOLDING LIMITED
UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

	Three months ended December 31,			Nine months ended December 31,		
	2020	2021		2020	2021	
	<u>RMB</u>	<u>RMB</u>	<u>US\$</u>	<u>RMB</u>	<u>RMB</u>	<u>US\$</u>
		(in millions)			(in millions)	
Net cash provided by operating activities	103,208	80,366	12,611	207,603	149,799	23,506
Net cash used in investing activities	(79,712)	(33,790)	(5,302)	(216,493)	(111,338)	(17,471)
Net cash used in financing activities	(5,685)	(18,697)	(2,934)	(188)	(53,835)	(8,448)
Effect of exchange rate changes on cash and cash equivalents, restricted cash and escrow receivables	<u>(4,132)</u>	<u>(5,924)</u>	<u>(930)</u>	<u>(8,336)</u>	<u>(7,921)</u>	<u>(1,243)</u>
Increase (decrease) in cash and cash equivalents, restricted cash and escrow receivables	13,679	21,955	3,445	(17,414)	(23,295)	(3,656)
Cash and cash equivalents, restricted cash and escrow receivables at beginning of period	<u>314,889</u>	<u>311,219</u>	<u>48,837</u>	<u>345,982</u>	<u>356,469</u>	<u>55,938</u>
Cash and cash equivalents, restricted cash and escrow receivables at end of period	<u>328,568</u>	<u>333,174</u>	<u>52,282</u>	<u>328,568</u>	<u>333,174</u>	<u>52,282</u>

ALIBABA GROUP HOLDING LIMITED
RECONCILIATIONS OF NON-GAAP MEASURES TO THE NEAREST COMPARABLE U.S. GAAP MEASURES

The table below sets forth a reconciliation of our net income to adjusted EBITA and adjusted EBITDA for the periods indicated:

	Three months ended December 31,			Nine months ended December 31,		
	2020	2021		2020	2021	
	RMB	RMB (in millions)	US\$	RMB	RMB (in millions)	US\$
Net income	77,977	19,224	3,017	150,938	65,436	10,268
Less: Interest and investment income, net	(40,036)	(18,361)	(2,881)	(72,683)	(21,006)	(3,296)
Add: Interest expense	1,092	1,186	186	3,316	3,720	583
Less: Other income, net	(2,826)	(5,083)	(798)	(5,467)	(8,903)	(1,397)
Add: Income tax expenses	9,194	9,553	1,499	22,229	24,736	3,882
Add: Share of results of equity method investees	3,601	549	86	(992)	(11,062)	(1,736)
Income from operations	49,002	7,068	1,109	97,341	52,921	8,304
Add: Share-based compensation expense	9,079	9,776	1,535	41,488	27,708	4,348
Add: Amortization of intangible assets	3,172	2,837	445	9,012	8,816	1,384
Add: Impairment of goodwill	—	25,141	3,945	—	25,141	3,945
Adjusted EBITA	61,253	44,822	7,034	147,841	114,586	17,981
Add: Depreciation of property and equipment, and operating lease cost relating to land use rights	7,127	6,542	1,026	19,103	20,246	3,177
Adjusted EBITDA	68,380	51,364	8,060	166,944	134,832	21,158

ALIBABA GROUP HOLDING LIMITED
RECONCILIATIONS OF NON-GAAP MEASURES TO THE NEAREST COMPARABLE U.S. GAAP MEASURES (CONTINUED)

The table below sets forth a reconciliation of our net income to non-GAAP net income for the periods indicated:

	Three months ended December 31,			Nine months ended December 31,		
	2020	2021		2020	2021	
	RMB	RMB	US\$	RMB	RMB	US\$
		(in millions)			(in millions)	
Net income	77,977	19,224	3,017	150,938	65,436	10,268
Adjustments to reconcile net income to non-GAAP net income:						
Share-based compensation expense	9,079	9,776	1,535	41,488	27,708	4,348
Amortization of intangible assets	3,172	2,837	445	9,012	8,816	1,384
Impairment of goodwill and investments	8,436	31,444	4,933	14,205	34,961	5,486
Gain on deemed disposals/disposals/ revaluation of investments and others	(37,639)	(16,823)	(2,640)	(69,390)	(16,174)	(2,538)
Tax effects on non-GAAP adjustments ⁽¹⁾	(1,818)	(1,834)	(288)	(484)	(4,158)	(653)
Non-GAAP net income	59,207	44,624	7,002	145,769	116,589	18,295

(1) Tax effects on non-GAAP adjustments primarily comprises tax effects relating to share-based compensation expense, amortization of intangible assets and certain gains and losses from investments.

ALIBABA GROUP HOLDING LIMITED
RECONCILIATIONS OF NON-GAAP MEASURES TO THE NEAREST COMPARABLE U.S.
GAAP MEASURES (CONTINUED)

The table below sets forth a reconciliation of our diluted earnings per share/ADS to non-GAAP diluted earnings per share/ADS for the periods indicated:

	Three months ended December 31,			Nine months ended December 31,		
	2020	2021		2020	2021	
	RMB	RMB	US\$	RMB	RMB	US\$
	(in millions, except per share data)			(in millions, except per share data)		
Net income attributable to ordinary shareholders – basic	79,427	20,429	3,206	155,787	70,937	11,132
Dilution effect on earnings arising from option plans operated by equity method investees and subsidiaries	(27)	(26)	(4)	(53)	(29)	(5)
Net income attributable to ordinary shareholders – diluted	79,400	20,403	3,202	155,734	70,908	11,127
Add: Non-GAAP adjustments to net income ⁽¹⁾	(18,770)	25,400	3,985	(5,169)	51,153	8,027
Non-GAAP net income attributable to ordinary shareholders for computing non-GAAP diluted earnings per share/ADS	60,630	45,803	7,187	150,565	122,061	19,154
Weighted average number of shares on a diluted basis (million shares)⁽⁵⁾	22,021	21,716		21,969	21,849	
Diluted earnings per share⁽²⁾⁽⁵⁾	3.61	0.94	0.15	7.09	3.25	0.51
Add: Non-GAAP adjustments to net income per share ⁽³⁾⁽⁵⁾	(0.86)	1.17	0.18	(0.24)	2.34	0.37
Non-GAAP diluted earnings per share⁽⁴⁾⁽⁵⁾	2.75	2.11	0.33	6.85	5.59	0.88
Diluted earnings per ADS⁽²⁾⁽⁵⁾	28.85	7.51	1.18	56.71	25.96	4.07
Add: Non-GAAP adjustments to net income per ADS ⁽³⁾⁽⁵⁾	(6.82)	9.36	1.47	(1.88)	18.73	2.94
Non-GAAP diluted earnings per ADS⁽⁴⁾⁽⁵⁾	22.03	16.87	2.65	54.83	44.69	7.01

- (1) See the table above for the reconciliation of net income to non-GAAP net income for more information of these non-GAAP adjustments.
- (2) Diluted earnings per share is derived from net income attributable to ordinary shareholders for computing diluted earnings per share divided by weighted average number of shares on a diluted basis. Diluted earnings per ADS is derived from the diluted earnings per share after adjustment to the ordinary share-to-ADS ratio.
- (3) Non-GAAP adjustments to net income per share is derived from non-GAAP adjustments to net income divided by weighted average number of shares on a diluted basis. Non-GAAP adjustments to net income per ADS is derived from the non-GAAP adjustments to net income per share after adjustment to the ordinary share-to-ADS ratio.
- (4) Non-GAAP diluted earnings per share is derived from non-GAAP net income attributable to ordinary shareholders for computing non-GAAP diluted earnings per share divided by weighted average number of shares on a diluted basis. Non-GAAP diluted earnings per ADS is derived from the non-GAAP diluted earnings per share after adjustment to the ordinary share-to-ADS ratio.
- (5) Each ADS represents eight ordinary shares.

ALIBABA GROUP HOLDING LIMITED
RECONCILIATIONS OF NON-GAAP MEASURES TO THE NEAREST COMPARABLE U.S.
GAAP MEASURES (CONTINUED)

The table below sets forth a reconciliation of net cash provided by operating activities to free cash flow for the periods indicated:

	Three months ended December 31,			Nine months ended December 31,		
	2020	2021		2020	2021	
	RMB	RMB	US\$	RMB	RMB	US\$
		(in millions)			(in millions)	
Net cash provided by operating activities	103,208	80,366	12,611	207,603	149,799	23,506
Less: Purchase of property and equipment (excluding land use rights and construction in progress relating to office campuses)	(4,869)	(9,253)	(1,452)	(30,117)	(32,827)	(5,151)
Less: Acquisition of intangible assets	(15)	—	—	(1,733)	(15)	(2)
Less: Changes in the consumer protection fund deposits	(2,114)	(91)	(14)	(2,433)	(3,013)	(473)
Free cash flow	96,210	71,022	11,145	173,320	113,944	17,880

APPENDIX II

REPRODUCTION OF THE PRESS RELEASE DATED 10 FEBRUARY 2022 CONTAINING THE GUARANTOR'S CONSOLIDATED FINANCIAL RESULTS FOR THE FOURTH QUARTER ENDED 31 DECEMBER 2021

The information set out below is a reproduction of the press release dated 10 February 2022 containing the Guarantor's consolidated financial results for the fourth quarter ended 31 December 2021.

RESULTS AT DECEMBER 31ST 2021

Press release

Paris, February 10th 2022

2021, RECORD GROUP NET INCOME

Substantial increase in underlying revenues of +16.1%⁽¹⁾ vs. 2020 (+17.2%^{(1)*}), with a historically high level of Financing & Advisory and Financial Services activities, very solid Global Markets activities throughout the year, and a healthy momentum in Retail Banking

Underlying gross operating income of EUR 8.5 billion⁽¹⁾, up 51.0%⁽¹⁾ vs. 2020, with a significant positive jaws effect and costs under control, up +4.3%⁽¹⁾

Still low cost of risk at 13 basis points

Underlying Group net income of EUR 5.3 billion⁽¹⁾ (EUR 5.6 billion on a reported basis)

Underlying profitability (ROTE) of 10.2%⁽¹⁾ (11.7% on a reported basis)

In Q4 21, underlying gross operating income of EUR 1.9 billion⁽¹⁾, +24.1% vs. Q4 20

Underlying Group net income of EUR 1.2 billion⁽¹⁾, +94.4% vs. Q4 20 (EUR 1.8 billion on a reported basis)

Underlying profitability (ROTE) of 9.2%⁽¹⁾ (16.6% on a reported basis)

ATTRACTIVE SHAREHOLDER DISTRIBUTION

Distribution equivalent to EUR 2.75 per share, or:

- **a dividend in cash**, proposed to the General Meeting, **of EUR 1.65 per share**
- **a share buyback programme**, for around EUR 915 million, **equivalent to EUR 1.1 per share**

Solid CET 1 ratio of 13.7%⁽²⁾ at end-2021, around 470 basis points above the regulatory requirement

ACCELERATION IN STRATEGIC AND BUSINESS DEVELOPMENTS

Strengthening of our competitive position on mobility, announcement of the planned acquisition of LeasePlan by ALD with a view to creating a mobility leader

Client onboarding by Boursorama one year ahead of schedule, announcement of entry into exclusive discussions with the ING group with a view to offering ING's customers in France the best alternative banking solution

Good momentum of the retail banking networks in France in the context of **preparations for the merger**

Continued digitalisation initiatives and improvement of operational efficiency in International Retail Banking

Solid performance by Global Markets throughout the year, with the successful repositioning of structured products and a reduction in the risk profile

Record performance by Financing & Advisory, driven by strong market momentum and an increase in allocated capital

Frédéric Oudéa, the Group's Chief Executive Officer, commented:

"2021 marks a milestone for the Société Générale Group, which achieved the best financial results in its history, enabling it to generate a good level of profitability and offer its shareholders an attractive return. All the businesses have contributed to this excellent performance. The Group also had a very robust balance sheet at the end of the year, with a very good quality loan portfolio and high capital ratios. In addition, the Group was able, firstly, to successfully continue advancing on major projects such as the merger of the two retail banking networks Société Générale and Crédit du Nord and secondly, achieve two strategic transactions strengthening two differentiating assets, with the entry into exclusive discussions for the acquisition of Leaseplan by ALD and with ING concerning its retail banking activities in France. The Group is therefore entering 2022 with confidence, with the priority objective of the disciplined execution of this high value-creating roadmap and the finalisation of its outlines by accelerating the transformations around ESG issues and new technologies."

⁽¹⁾ Underlying data (see methodology note section 10.5 for the transition from accounting data to underlying data)

⁽²⁾ Phased-in ratio (fully-loaded ratio of 13.6%) after distribution provision

The footnote * in this document corresponds to data adjusted for changes in Group Structure and at constant exchange rates

1. GROUP CONSOLIDATED RESULTS

In EURm	Q4 21	Q4 20	Change		2021	2020	Change	
Net banking income	6,620	5,838	+13.4%	+11.7%*	25,798	22,113	+16.7%	+17.7%*
<i>Underlying net banking income⁽¹⁾</i>	6,503	5,838	+11.4%	+9.8%*	25,681	22,113	+4.3%	+17.2%*
Operating expenses	(4,565)	(4,351)	+4.9%	+3.6%*	(17,590)	(16,714)	+5.2%	+5.8%*
<i>Underlying operating expenses⁽¹⁾</i>	(4,617)	(4,318)	+6.9%	+5.6%*	(17,211)	(16,504)	+4.3%	+4.9%*
Gross operating income	2,055	1,487	+38.2%	+35.3%*	8,208	5,399	+52.0%	+55.1%*
<i>Underlying gross operating income⁽¹⁾</i>	1,886	1,520	+24.1%	+21.4%*	8,470	5,609	+51.0%	+53.9%*
Net cost of risk	(86)	(689)	-87.5%	-87.7%*	(700)	(3,306)	-78.8%	-78.6%*
Operating income	1,969	798	x 2.5	x 2.4	7,508	2,093	x 3.6	x 3.7*
<i>Underlying operating income⁽¹⁾</i>	1,800	851	x 2.1	x 2.1	7,770	2,323	x 3.3	x 3.4*
Net profits or losses from other assets	449	(94)	n/s	n/s	635	(12)	n/s	n/s*
Impairment losses on goodwill	(114)	0	n/s	n/s	(114)	(684)	n/s	n/s
Income tax	(311)	(125)	x 2.5	x 2.4	(1,697)	(1,204)	+41.0%	+43.2%*
Net income	1,995	582	x 3.4	x 3.3	6,338	196	x 32.3	x 43.8
O.w. non-controlling interests	208	112	+85.7%	+81.2%*	697	454	+53.5%	+53.6%*
Reported Group net income	1,787	470	x 3.8	x 3.7	5,641	(258)	n/s	n/s
<i>Underlying Group net income⁽¹⁾</i>	1,226	631	+94.4%	+90.4%*	5,264	1,435	x 3.7	x 3.8*
ROE	12.1%	2.4%			9.6%	-1.7%		
ROTE	16.6%	2.7%			11.7%	-0.4%		
<i>Underlying ROTE⁽¹⁾</i>	9.2%	4.1%			10.2%	1.7%		

(1) Adjusted for exceptional items and linearisation of IFRIC 21

Societe Generale's Board of Directors, which met on February 9th, 2022 under the chairmanship of Lorenzo Bini Smaghi, examined the Societe Generale Group's results for Q4 and full-year 2021.

The various restatements enabling the transition from underlying data to published data are presented in the methodology notes (section 10.5).

Net banking income

Net banking income was substantially higher in 2021, up +16.7% (+17.7%*) vs. 2020, and +16.1% (+17.2%*) vs. 2020 on an underlying basis, with a very strong momentum in all the businesses.

French Retail Banking posted a solid performance in 2021. As a result, net banking income (excluding PEL/CEL provision) increased by +4.8% vs. 2020, driven by the recovery in net interest income and buoyant commissions, particularly financial commissions.

International Retail Banking & Financial Services enjoyed strong revenue growth (+9.9%* vs. 2020), underpinned by the excellent momentum in Financial Services to Corporates (+32.0%* vs. 2020) and Insurance (+8.6%* vs. 2020). International Retail Banking benefited from a rebound in its activities (+2.8%* vs. 2020).

Global Banking & Investor Solutions delivered a remarkable performance, with revenues up +25.2% (+26.1%*) vs. 2020. Financing & Advisory enjoyed a record performance, with growth of +14.8% (+15.8%*) vs. 2020, while the revenues of Global Markets & Investor Services were substantially higher (+35.6%, +36.9%*) than in 2020.

In Q4 21, the Group continued to enjoy a strong revenue growth momentum (+13.4%, +11.7%*) vs. Q4 20, with a positive and evenly balanced contribution from all the businesses.

Operating expenses

In 2021, operating expenses totalled EUR 17,590 million on a reported basis and EUR 17,211 million on an underlying basis (restated for transformation costs), an increase of +4.3% vs. 2020.

This increase can be explained primarily by the rise in variable costs linked to the growth in revenues (EUR +701 million) and the increase in the contribution to the Single Resolution Fund (EUR +116 million). The other operating expenses declined by EUR 70 million, excluding structure effect.

Driven by a very positive jaws effect, underlying gross operating income grew substantially (+51.0%) to EUR 8,470 million and the underlying cost to income ratio improved by nearly 8 points (67.0% vs. 74.6% in 2020).

In **Q4 21**, operating expenses totalled EUR 4,565 million on a reported basis and EUR 4,617 million on an underlying basis (restated for the linearisation of IFRIC 21 and transformation costs), representing an increase of +6.9% vs. Q4 20.

Excluding the contribution to the Single Resolution Fund, the underlying cost to income ratio is expected to be between 66% and 68% in 2022 and improving onwards. This aggregate, excluding the contribution to the SRF, amounts to 64.7% in 2021, it being specified that the contribution to the Single Resolution Fund is EUR 586 million in 2021.

There is expected to be an increase in the contribution to the Single Resolution Fund until 2023 included.

The Group's radical transformations as announced in 2021 have led to changes in 2023 cost outlook. The various initiatives in progress will contribute to a decline in the Group's underlying cost to income ratio beyond 2022 excluding the contribution to the Single Resolution Fund year after year.

Cost of risk

In 2021, the cost of risk stood at a low level of 13 basis points, lower than in 2020 (64 basis points), or EUR 700 million (vs. EUR 3,306 million in 2020). It breaks down into a provision on non-performing loans of EUR 949 million and a provision write-back on performing loans of EUR 249 million.

The Group's provisions on performing loans amounted to EUR 3,355 million at end-2021.

In Q4 21, the cost of risk stood at 6 basis points, lower than in Q4 20 (54 basis points), or EUR 86 million and lower than in Q3 21 (15 basis points). It breaks down into a provision on non-performing loans of EUR 218 million and a provision write-back on performing loans of EUR 132 million.

In order to support its customers during the crisis, the Group granted State Guaranteed Loans. At December 31st 2021, the residual amount of State Guaranteed Loans represented around EUR 17 billion. In France, the total amount of State Guaranteed Loans ("PGE") amounts to around EUR 14 billion and net exposure is around EUR 1.5 billion.

The gross doubtful outstandings ratio amounted to 2.9%⁽¹⁾ at December 31st 2021, lower than at end-September 2021 (3.1%). The Group's gross coverage ratio for doubtful outstandings amounted to 51%⁽²⁾ at December 31st 2021.

The cost of risk is expected to be below 30 basis points in 2022.

⁽¹⁾ NPL ratio calculated according to the EBA methodology published on July 16th, 2019

⁽²⁾ Ratio between the amount of provisions on doubtful outstandings and the amount of these same outstandings

Group net income

In EURm	Q4 21	Q4 20	2021	2020
Reported Group net income	1,787	470	5,641	(258)
Underlying Group net income (1)	1,226	631	5,264	1,435

In EURm	Q4 21	Q4 20	2021	2020
Reported Group net income	16.6%	2.7%	11.7%	-0.4%
Underlying Group net income (1)	9.2%	4.1%	10.2%	1.7%

(1) Adjusted for exceptional items and linearisation of IFRIC21

Earnings per share amounts to EUR 5.97 in 2021 (EUR -1.02 in 2020). Underlying earnings per share amounts to EUR 5.52 over the same period (EUR 0.97 in 2020).

Distribution to shareholders

The Board of Directors has established its distribution policy at 50% of underlying Group net income⁽²⁾, which is equivalent to EUR 2.75 per share.

A dividend in cash of EUR 1.65 per share will therefore be proposed to the Combined General Meeting of Shareholders on May 17th 2022. The dividend will be detached on May 25th 2022 and paid on May 27th 2022.

Furthermore, the Group plans to launch a share buyback programme for a total amount of around EUR 915 million, or the equivalent of EUR 1.1 per share. This programme is subject to the customary authorisation of the ECB and the General Meeting for its implementation.

⁽²⁾ After deducting interest on deeply subordinated notes and undated subordinated notes

2. THE GROUP'S FINANCIAL STRUCTURE

Group shareholders' equity totalled EUR 65.1 billion at December 31st, 2021 (EUR 61.7 billion at December 31st, 2020). Net asset value per share was EUR 68.7 and tangible net asset value per share was EUR 61.1.

The consolidated balance sheet totalled EUR 1,464 billion at December 31st, 2021 (EUR 1,444 billion⁽¹⁾ at December 31st, 2020). The net amount of customer loan outstandings at December 31st, 2021, including lease financing, was EUR 488 billion (EUR 440 billion at December 31st, 2020) – excluding assets and securities purchased under resale agreements. At the same time, customer deposits amounted to EUR 502 billion, vs. EUR 451 billion at December 31st, 2020 (excluding assets and securities sold under repurchase agreements).

At December 31st, 2021, the parent company had issued EUR 35.3 billion of medium/long-term debt, having an average maturity of 5.1 years and an average spread of 33 basis points (vs. the 6-month mid-swap, excluding subordinated debt). The subsidiaries had issued EUR 3.8 billion. In total, the Group had issued EUR 39.1 billion of medium/long-term debt.

The LCR (Liquidity Coverage Ratio) was well above regulatory requirements at 129% at end-December 2021 (131% on average in Q4), vs. 149% at end-December 2020. At the same time, the NSFR (Net Stable Funding Ratio) was at a level of 110% at end-December 2021.

The Group's **risk-weighted assets** (RWA) amounted to EUR 363.4 billion at December 31st, 2021 (vs. EUR 351.9 billion at end-December 2020) according to CRR2/CRD5 rules. Risk-weighted assets in respect of credit risk represent 83.9% of the total, at EUR 304.9 billion, up 6.1% vs. December 31st, 2020.

At December 31st, 2021, the Group's **Common Equity Tier 1** ratio stood at 13.7%, or around 470 basis points above the regulatory requirement. The CET1 ratio at December 31st, 2021 includes an effect of +16 basis points for phasing of the IFRS 9 impact. Excluding this effect, the fully-loaded ratio amounts to 13.6%. The Tier 1 ratio stood at 15.9% at end-December 2021 (16% at end-December 2020) and the total capital ratio amounted to 18.8% (19.2% at end-December 2020).

The Group is aiming for a CET1 ratio between 200-250 basis points minimum above the regulatory requirement including after the entry into force of the regulation finalising the Basel III reform.

The **leverage ratio** stood at 4.9% at December 31st, 2021 (4.8% at end-December 2020).

With a level of 31.1% of RWA and 9.5% of leverage exposure at end-December 2021, the Group's TLAC ratio is above the Financial Stability Board's requirements for 2021 and 2022. At December 31st, 2021, the Group was also above its 2022 MREL requirements of 25.2% of RWA and 5.91% of leverage exposure.

The Group is rated by four rating agencies: (i) Fitch Ratings - long-term rating "A-", stable rating, senior preferred debt rating "A", short-term rating "F1" (ii) Moody's - long-term rating (senior preferred debt) "A1", stable outlook, short-term rating "P-1" (iii) R&I - long-term rating (senior preferred debt) "A", stable outlook; and (iv) S&P Global Ratings - long-term rating (senior preferred debt) "A", stable outlook, short-term rating "A-1".

⁽¹⁾ Amounts restated compared with the financial statements published in 2020 (See Note 1.7 of financial statements)

3. FRENCH RETAIL BANKING

In EURm	Q4 21	Q4 20	Change	2021	2020	Change
Net banking income	2,048	1,845	+11.0%	7,777	7,315	+6.3%
<i>Net banking income excl. PEL/CEL</i>	<i>2,027</i>	<i>1,870</i>	<i>+8.4%</i>	<i>7,738</i>	<i>7,381</i>	<i>+4.8%</i>
Operating expenses	(1,534)	(1,443)	+6.3%	(5,635)	(5,418)	+4.0%
<i>Underlying operating expenses⁽¹⁾</i>	<i>(1,573)</i>	<i>(1,476)</i>	<i>+6.6%</i>	<i>(5,635)</i>	<i>(5,418)</i>	<i>+4.0%</i>
Gross operating income	514	402	+27.9%	2,142	1,897	+12.9%
<i>Underlying gross operating income⁽¹⁾</i>	<i>454</i>	<i>394</i>	<i>+15.3%</i>	<i>2,103</i>	<i>1,963</i>	<i>+7.1%</i>
Net cost of risk	20	(276)	n/s	(104)	(1,097)	-90.5%
Operating income	534	126	x 4.2	2,038	800	x 2.5
Net profits or losses from other assets	22	19	+15.8%	24	158	-84.8%
Reported Group net income	400	104	x 3.8	1,492	666	x 2.2
<i>Underlying Group net income⁽¹⁾</i>	<i>356</i>	<i>99</i>	<i>x 3.6</i>	<i>1,463</i>	<i>712</i>	<i>x 2.1</i>
RONE	14.6%	3.7%		13.4%	5.8%	
<i>Underlying RONE⁽¹⁾</i>	<i>13.0%</i>	<i>3.5%</i>		<i>13.1%</i>	<i>6.2%</i>	

(1) Adjusted for the linearisation of IFRIC 21 and PEL/CEL provision

Societe Generale and Cr dit du Nord networks

Average loan outstandings were -1% lower than in Q4 20 at EUR 210 billion. They were 9% higher than in Q4 19. Average outstanding loans to individuals were up +2%, bolstered by the growth in home loan production (+33% vs. Q4 20). The production of medium/long-term loans to corporate and professional customers climbed +45% excluding State Guaranteed Loans vs. Q4 20.

Average outstanding balance sheet deposits increased by +7% vs. Q4 20 to EUR 241 billion (+22% vs. Q4 19), still driven by sight deposits.

As a result, the average loan/deposit ratio stood at 87% in Q4 21 vs. 94% in Q4 20.

Insurance assets under management totalled EUR 93 billion at end-December 2021, up +6% year-on-year. Gross life insurance inflow amounted to EUR 1.9 billion in Q4 21, with the unit-linked share accounting for 36%.

Private Banking's assets under management totalled EUR 78 billion at end-December 2021. Net inflow was buoyant at EUR 4.1 billion in 2021, an increase of 68% vs. 2020.

Property/casualty insurance premiums were up +5% vs. Q4 20, while personal protection insurance premiums were up +4% vs. Q4 20. The penetration rate for our customer base has improved both for property/casualty insurance and personal protection insurance.

Boursorama

The bank consolidated its position as the leading online bank in France, with more than 3.3 million clients at end-December 2021, thanks to the onboarding of 266,000 new clients in Q4 21 (+38% vs. Q4 20). Boursorama is aiming to have more than 4 million clients at end-2022, one year ahead of schedule relative to its plan.

This quarter, Boursorama distinguished itself by obtaining the highest NPS score among French banks in 2021 in the classification established by Bain & Company in December 2021. Moreover, Boursorama was ranked No. 1 in the classification best bank for Customer Experience Excellence in France in 2021 awarded by KPMG in November 2021. The bank also obtained the highest rating scores for its App among French banks with 4.8 on iOS (App Store) and 4.9 on Android (Google Play Store). In addition, Boursorama was voted the least expensive bank for the 14th consecutive year by Le Monde and Meilleurebanque.com in December 2021.

Average outstanding loans rose +28% vs. Q4 20 to EUR 14 billion. Home loan outstandings were up +30% vs. Q4 20.

Average outstanding savings including deposits and financial savings were 25% higher than in Q4 20 at EUR 35 billion, while outstanding deposits were up +25% vs. Q4 20. Life insurance outstandings were 13% higher than in Q4 20 while assets under management in UCITS increased by +16% vs. Q4 20. Brokerage volumes were stable in 2021 compared to 2020 at a record level (x3 compared to 2019).

Net banking income excluding PEL/CEL

2021: revenues (excluding PEL/CEL) totalled EUR 7,738 million, up +4.8% vs. 2020. Net interest income (excluding PEL/CEL) was up +2.1% vs. 2020, underpinned by catch-up effects related to the TLTRO allowance and to State Guaranteed Loans. Commissions enjoyed a healthy momentum (+5.1% vs. 2020) against the backdrop of a recovery in activity following the lockdowns in 2020.

Q4 21: revenues (excluding PEL/CEL) totalled EUR 2,027 million, up +8.4% vs. Q4 20. Net interest income (excluding PEL/CEL) was up +6.7% vs. Q4 20. Commissions were 5.0% higher than in Q4 20.

Operating expenses

2021: operating expenses totalled EUR 5,635 million (+4.0% vs. 2020). The cost to income ratio (restated for the PEL/CEL provision) stood at 72.8%, an improvement of 0.6 points vs. 2020.

Q4 21: operating expenses amounted to EUR 1,534 million (+6.3% vs. Q4 20) and EUR 1,573 million on an underlying basis. The cost to income ratio (after linearisation of the IFRIC 21 charge and restated for the PEL/CEL provision) stood at 77.6%, an improvement of 1.3 points vs. Q4 20.

Cost of risk

2021: the cost of risk amounted to EUR 104 million or 5 basis points, a substantial decline compared to 2020 (52 basis points) which was marked by an environment of uncertainty linked to the pandemic.

Q4 21: the cost of risk represented a write-back of EUR 20 million or -4 basis points, a significant improvement vs. Q4 20 (50 basis points) and Q3 21 (write-back of 1 basis point).

Contribution to Group net income

2021: the contribution to Group net income was EUR 1,492 million (x2.2 vs. 2020 impacted by the pandemic). RONE (restated for the PEL/CEL provision) stood at 13.1% in 2021 (6.2% in 2020) and 14.4% excluding Boursorama.

Q4 21: the contribution to Group net income was EUR 400 million vs. EUR 104 million in Q4 20. RONE (after linearisation of the IFRIC 21 charge and restated for the PEL/CEL provision) stood at 13.0% in Q4 21 (3.5% in Q4 20).

4. INTERNATIONAL RETAIL BANKING & FINANCIAL SERVICES

In EURm	Q4 21	Q4 20	Change		2021	2020	Change	
Net banking income	2,159	1,919	+12.5%	+10.3%*	8,117	7,524	+7.9%	+9.9%*
Operating expenses	(1,088)	(1,018)	+6.9%	+4.2%*	(4,203)	(4,142)	+1.5%	+3.1%*
<i>Underlying operating expenses⁽¹⁾</i>	(1,112)	(1,042)	+6.7%	+4.1%*	(4,203)	(4,142)	+1.5%	+3.1%*
Gross operating income	1,071	901	+18.9%	+17.3%*	3,914	3,382	+15.7%	+18.3%*
<i>Underlying gross operating income⁽¹⁾</i>	1,047	877	+19.4%	+17.8%*	3,914	3,382	+15.7%	+18.3%*
Net cost of risk	(96)	(287)	-66.6%	-67.2%*	(504)	(1,265)	-60.2%	-59.4%*
Operating income	975	614	+58.8%	+57.5%*	3,410	2,117	+61.1%	+65.2%*
Net profits or losses from other assets	8	6	+33.3%	+36.6%*	18	15	+20.0%	+21.2%*
Reported Group net income	584	376	+55.3%	+54.9%*	2,082	1,304	+59.7%	+64.4%*
<i>Underlying Group net income⁽¹⁾</i>	570	362	+57.5%	+57.1%*	2,082	1,304	+59.7%	+64.4%*
RONE	22.2%	14.9%			20.3%	12.4%		
<i>Underlying RONE⁽¹⁾</i>	21.7%	14.3%			20.3%	12.4%		

(1) Adjusted for the linearisation of IFRIC 21

International Retail Banking's loan and deposit production provided confirmation in Q4 of its rebound in all geographical regions. Outstanding loans totalled EUR 93.6 billion. They rose +6.0%* vs. end-December 2020. Outstanding deposits were 8.5%* higher than in December 2020, at EUR 89.5 billion.

For the Europe scope, outstanding loans were up +6.6%* vs. December 2020 at EUR 59.9 billion, driven by all the regions: +6.5%* in the Czech Republic, +11.1%* in Romania, and +5.4%* in Western Europe. Outstanding deposits increased by +6.0%* to EUR 50.8 billion.

In Russia, outstanding loans rose +13.3%* vs. end-December 2020, with a robust commercial performance particularly in home loans (+15%* year-on-year) and in the corporate customers segment (+22%* year-on-year). There was a significant increase in outstanding deposits (+20.8%*).

In Africa, Mediterranean Basin and French Overseas Territories, outstanding loans rose +1.6%* year-on-year. Outstanding deposits continued to enjoy a healthy momentum, up +7.7%*.

In the Insurance business, the life insurance savings business saw outstandings increase +7%* at end-December 2021 vs. end-December 2020 to EUR 135 billion. The share of unit-linked products in outstandings was 37%, an increase of +4 points vs. December 2020.

Financial Services to Corporates also enjoyed a healthy momentum. Operational Vehicle Leasing and Fleet Management had 1.7 million contracts, including 1.4 million financed vehicles, an increase of +4.0% vs. end-December 2020. Equipment Finance's new leasing business was up +12.1%* vs. 2020, while outstanding loans rose +1.1% vs. end-December 2020, to EUR 14.7 billion (excluding factoring).

Net banking income

Net banking income amounted to EUR 8,117 million in 2021, up +9.9%* vs. 2020. Revenues amounted to EUR 2,159 million in Q4 21, up +10.3%* vs. Q4 20.

International Retail Banking's net banking income totalled EUR 5,000 million in 2021, an increase of +2.8%* vs. 2020. It was up +3.5%* in Q4 21 at EUR 1,311 million.

Thanks to a rise in interest rates, a healthy commercial momentum and an increase in commissions (+16%* vs. Q4 20), revenues in Europe were 10.7%* higher than in Q4 20. Activity in the individual customers segment remained particularly robust in specialised consumer finance, with revenues up +9%* vs. Q4 20.

In 2021, the revenues of SG Russia⁽¹⁾ were down -2.8%* (-7.0%* vs. Q4 20), adversely affected firstly, by a temporary squeeze on individual customer margins (part of the rise in rates not being passed on to individual customers) and secondly, by a non-recurring item affecting the recognition of commissions.

The Africa, Mediterranean Basin and French Overseas Territories scope posted revenues up +4.6%* vs. 2020 at EUR 1,770 million. Despite persistent supply chain pressures and the sharp decline in tourism, activity proved resilient in Q4 21, with a gradual improvement in the commercial momentum. As a result, revenues were slightly lower (-1.2%) at EUR 453 million, with strong growth in certain key countries of Sub-Saharan Africa (Cote d'Ivoire, Senegal and Madagascar) particularly in the corporate customers segment.

The Insurance business posted net banking income up +8.6%* vs. 2020, at EUR 963 million in 2021. The gross premiums of the life insurance savings business were 25%* higher in Q4 21 than in Q4 20, with an attractive share of unit-linked products (44%). Protection insurance saw an increase of +5%* vs. December 2020. Property/casualty premiums rose +9%* in Q4 21 (including +7%* in France and +10%* internationally) and +8%* in 2021, as did personal protection insurance (+3%* vs. 2020). The Insurance business' net banking income was 8.1%* higher in Q4 21 than in Q4 20 at EUR 243 million.

Financial Services to Corporates' net banking income was substantially higher (+32.0%*) than in 2020, at EUR 2,154 million. This performance was driven primarily by the activities of ALD which posted strong growth in its fleet and the used car sale result (EUR 1,422 per vehicle in 2021). Financial Services to Corporates' net banking income totalled EUR 605 million in Q4 21, up +30.6%* vs. Q4 20.

Operating expenses

Operating expenses totalled EUR 4,203 million, an increase of +3.1%* on a reported and underlying basis vs. 2020. Operating expenses amounted to EUR 1,088 million in Q4 21, up +4.2%* vs. Q4 20, in conjunction with the growth in revenue. As a result, the quarter generated a positive jaws effect. The cost to income ratio stood at 51.8% in 2021.

In International Retail Banking, operating expenses were slightly higher (+2.5%*) than in 2020. Operating expenses were 4.0%* higher than in Q4 20.

In the **Insurance** business, operating expenses were in line with the expansion ambitions and rose +4.8%* vs. 2020 and +6.6%* vs. Q4 20.

In **Financial Services to Corporates**, operating expenses increased by +4.4%* vs. 2020 and +4.7%* vs. Q4 20.

Cost of risk

Q4 21: the cost of risk amounted to 28 basis points (EUR 96 million), vs. 43 basis points in Q3 21 and 89 basis points in Q4 20.

2021: the cost of risk amounted to 38 basis points (EUR 504 million). It was 96 basis points in 2020.

Contribution to Group net income

The contribution to Group net income totalled EUR 2,082 million in 2021 (+64.4%* vs. 2020) and EUR 584 million in Q4 21 (+54.9%* vs. Q4 20).

Underlying RONE stood at 20.3% in 2021 (vs. 12.4% in 2020) and 21.7% in Q4 21 (14.3% in Q4 20), with RONE of 16% in International Retail Banking and 26% in Financial Services.

⁽¹⁾ SG Russia encompasses the entities Rosbank, Rosbank Insurance, ALD Automotive and their consolidated subsidiaries

5. GLOBAL BANKING & INVESTOR SOLUTIONS

In EURm	Q4 21	Q4 20	Variation		2021	2020	Variation	
Net banking income	2,320	2,072	+12.0%	+9.7%*	9,530	7,613	+25.2%	+26.1%*
Operating expenses	(1,556)	(1,688)	-7.8%	-9.3%*	(6,863)	(6,713)	+2.2%	+2.7%*
<i>Underlying operating expenses⁽¹⁾</i>	<i>(1,681)</i>	<i>(1,638)</i>	<i>+2.6%</i>	<i>+0.9%*</i>	<i>(6,863)</i>	<i>(6,556)</i>	<i>+4.7%</i>	<i>+5.1%*</i>
Gross operating income	764	384	+99.0%	+91.5%*	2,667	900	x 3.0	x 3.0*
<i>Underlying gross operating income⁽¹⁾</i>	<i>639</i>	<i>434</i>	<i>+47.3%</i>	<i>+42.4%*</i>	<i>2,667</i>	<i>1,057</i>	<i>x 2.5</i>	<i>x 2.6</i>
Net cost of risk	(3)	(104)	-97.1%	-97.2%*	(86)	(922)	-90.7%	-90.5%*
Operating income	761	280	x 2.7	x 2.6	2,581	(22)	n/s	n/s
Reported Group net income	635	280	x 2.3	x 2.2	2,076	57	x 36.4	x 40.8
<i>Underlying Group net income⁽¹⁾</i>	<i>539</i>	<i>320</i>	<i>+68.4%</i>	<i>+64.1%*</i>	<i>2,076</i>	<i>183</i>	<i>x 11.4</i>	<i>x 11.8</i>
RONE	16.3%	7.8%			13.9%	0.4%		
<i>Underlying RONE⁽¹⁾</i>	<i>13.8%</i>	<i>9.0%</i>			<i>13.9%</i>	<i>1.3%</i>		

(1) Adjusted for the linearisation of IFRIC 21

Net banking income

In 2021, Global Banking & Investor Solutions posted substantially higher revenues (+25.2%) than in 2020 at EUR 9,530 million, driven by a very strong momentum in all the businesses. Revenues rose +9.5% compared to 2019. This solid financial performance reflects the successful execution of the strategic plan presented in May 2021.

In Q4 21, revenues rose +12.0% vs. Q4 20, to EUR 2,320 million.

In Global Markets & Investor Services, net banking income totalled EUR 5,648 million in 2021 (+35.6% vs. 2020). It amounted to EUR 1,260 million in Q4 21 (+8.6% vs. Q4 20).

Global Markets turned in a very strong performance in 2021 (EUR 5,001 million), with an increase of +40.2% compared to 2020 which was heavily impacted by the health crisis. Market conditions were favourable in the Equity market and more complex in the fixed income markets in 2021. The reduction in the risk profile of structured products was completed in the first half of the year, ahead of schedule.

Q4 21 also delivered a solid performance (EUR 1,103 million), with an increase of +9.5% vs. Q4 20. The fourth quarter was marked by very buoyant commercial activity in most client segments.

The Equity activity enjoyed its best year since 2009 (EUR 3,150 million vs. EUR 1,275 million in 2020 and EUR 2,502 million in 2019), driven by good market conditions and the successful repositioning of the Investment Solutions product offering.

In Q4 21, the business was able to take advantage of still favourable market conditions on all products, and posted revenues of EUR 727 million, up +22.6% vs. Q4 20.

Fixed Income & Currency activities posted revenues of EUR 1,851 million in 2021, down -19.2% compared to 2020 which was marked by exceptional market conditions in the first half of the year.

Q4 21 delivered a resilient performance (-9.2% vs. Q4 20) in a more complex market, with higher revenues in emerging markets and financing.

There was a significant increase in Securities Services' revenues in 2021, with revenues up +8.4% vs. 2020, at EUR 647 million. They were 2.6% higher in Q4 21 than in Q4 20, at EUR 157 million.

Securities Services' assets under custody and assets under administration amounted to EUR 4,586 billion and EUR 697 billion respectively, up +6.3% and +9.2% in 2021.

Financing & Advisory delivered the best historical annual performance, with revenues of EUR 2,924 million, up +14.8% vs. 2020. Firstly, the business capitalised on the good market momentum, particularly in Investment Banking, by playing key roles in our clients' major transactions and secondly, it benefited from an additional capital allocation.

In Q4 21, the business again enjoyed record revenues of EUR 814 million, substantially higher (+19.5%) than in Q4 20.

Investment Banking enjoyed an excellent quarter, driven by the strong momentum of M&A, Leveraged Buyout and equity capital market activities. Revenues from Asset Finance, Natural Resources and Infrastructure activities and the Asset-Backed Products platform also showed a substantial increase.

Global Transaction and Payment Services continued to experience strong growth, up +25.2% vs. Q4 20.

Asset and Wealth Management's net banking income totalled EUR 958 million in 2021 (+6.1% vs. 2020). It was 6.5% higher in Q4 21 vs. Q4 20.

In 2021, Private Banking posted an increase in revenues of +3.1% vs. 2020, to EUR 699 million (when restated for an exceptional impact of EUR +29 million related to an insurance payout received in 2020, revenues are up +7.7%). The business benefited from strong commercial activity in all regions. Net inflow amounted to EUR +7.7 billion in 2021. Assets under management totalled EUR 130 billion. They rose +12% in 2021.

In Q4 21, net banking income amounted to EUR 171 million, up +5.6% vs. Q4 20.

In 2021, Lyxor's net banking income totalled EUR 239 million, an increase of +15.5% vs. 2020. Assets under management were up +27% in 2021, at EUR 178 billion.

In Q4 21, revenues were 10.9% higher than in Q4 20.

Operating expenses

2021: operating expenses totalled EUR 6,863 million, an increase of +2.2% vs. 2020 on a reported basis, and +4.7% on an underlying basis (operating expenses included a restructuring charge of EUR 157 million in Q4 20). This increase can be explained by the rise in variable costs related to the increase in earnings and IFRIC 21 charges. Thanks to a very positive jaws effect, there was a significant improvement in the cost to income ratio of 14 points (72% vs. 86% on an underlying basis in 2020).

Q4 21: operating expenses were up +2.6% on an underlying basis (at EUR 1,681 million).

Net cost of risk

2021: the cost of risk was at a low level of 5 basis points (or EUR 86 million), well below 2020 (57 basis points) which was adversely affected by the health crisis.

Q4 21: it amounted to 1 basis point (or EUR 3 million), vs. 28 basis points in Q4 20.

Contribution to Group net income

2021: the contribution to Group net income was EUR 2,076 million.

Q4 21: it was EUR 635 million on a reported basis and EUR 539 million on an underlying basis (+68.4% vs. Q4 20).

Global Banking & Investor Solutions posted a significant RONE of 13.9% in 2021 (16.1% when restated for the impact of the contribution to the Single Resolution Fund).

The underlying RONE was 13.8% in Q4 21.

6. CORPORATE CENTRE

In EURm	Q4 21	Q4 20	2021	2020
Net banking income	93	2	374	(339)
<i>Underlying net banking income⁽¹⁾</i>	<i>(24)</i>	<i>2</i>	<i>257</i>	<i>(339)</i>
Operating expenses	(387)	(202)	(889)	(441)
<i>Underlying operating expenses⁽¹⁾</i>	<i>(251)</i>	<i>(162)</i>	<i>(510)</i>	<i>(388)</i>
Gross operating income	(294)	(200)	(515)	(780)
<i>Underlying gross operating income⁽¹⁾</i>	<i>(275)</i>	<i>(160)</i>	<i>(253)</i>	<i>(727)</i>
Net cost of risk	(7)	(22)	(6)	(22)
Net profits or losses from other assets	429	(105)	603	(185)
Impairment losses on goodwill	(114)	-	(114)	(684)
Income tax	193	52	187	(482)
Reported Group net income	168	(290)	(9)	(2,285)
<i>Underlying Group net income⁽¹⁾</i>	<i>(255)</i>	<i>(133)</i>	<i>(386)</i>	<i>(718)</i>

(1) Adjusted for the linearisation of IFRIC 21

The Corporate Centre includes the property management of the Group's head office, the Group's equity portfolio, the Treasury activities for the Group, certain costs related to cross-functional projects as well as certain costs incurred by the Group not re-invoiced to the businesses.

The Corporate Centre's net banking income totalled EUR +374 million in 2021 vs. EUR -339 million in 2020 and EUR +93 million in Q4 21, including the positive impact of a revaluation of securities for EUR 117 million vs. EUR +2 million in Q4 20.

Operating expenses totalled EUR 889 million in 2021 vs. EUR 441 million in 2020. They include the Group's transformation costs for a total amount of EUR 379 million relating to the activities of French Retail Banking (EUR 194 million), Global Banking & Investor Solutions (EUR 99 million) and the Corporate Centre (EUR 86 million). Underlying costs came to EUR 510 million in 2021 compared to EUR 388 million in 2020.

Operating expenses totalled EUR 387 million in Q4 21 vs. EUR 202 million in Q4 20. They include the Group's transformation costs for a total amount of EUR 147 million relating to the activities of French Retail Banking (EUR 88 million), Global Banking & Investor Solutions (EUR 33 million) and the Corporate Centre (EUR 26 million). Underlying costs came to EUR 251 million in Q4 21 compared to EUR 162 million in Q4 20.

Gross operating income totalled EUR -515 million in 2021 vs. EUR -780 million in 2020 and EUR -294 million in Q4 21 vs. EUR -200 million in Q4 20. Underlying gross operating income came to EUR -253 million in 2021 vs. EUR -727 million in 2020.

Net profits or losses from other assets amounted to EUR +603 million in 2021 vs. EUR -185 million in 2020. In Q4 21, they totalled EUR +429 million including the proceeds of the disposal of Lyxor's asset management activities for EUR 439 million, vs. EUR -105 million in Q4 20 including EUR -101 million in respect of the disposal of SG Finans.

In Q4 21, the Group benefited from the recognition of EUR 130 million of deferred tax assets. Furthermore, the review of International Retail Banking's financial trajectory led to the impairment of goodwill for EUR 114 million in Q4 21.

The Corporate Centre's contribution to Group net income was EUR -9 million in 2021 vs. EUR -2,285 million in 2020 and EUR +168 million in Q4 21 vs. EUR -290 million in Q4 20. The Corporate Centre's contribution to Group net income on an underlying basis was EUR -255 million.

7. CONCLUSION

In 2021, the Group delivered the best annual performance in its history, with Group net income of EUR 5.6 billion and a strong contribution from all its businesses.

2021 was also marked by major progress in the execution of all our strategic initiatives and in the strategic reallocation of our capital in favour of businesses offering profitable growth. The Group therefore announced the planned acquisition of LeasePlan by ALD to create a mobility leader, as well as Boursorama's entry into exclusive discussions with ING with a view to offering ING's individual customers in France the best alternative banking solution.

At end-December 2021, the Group had a CET1 ratio of 13.7%⁽¹⁾, comfortably above its regulatory requirement.

The Board of Directors has established an attractive distribution of 2021 financial results to shareholders equivalent to EUR 2.75 per share. A dividend in cash of EUR 1.65 per share will be proposed to the General Meeting of Shareholders on May 17th.

Furthermore, the Group foresees a buyback programme for around EUR 915 million, or an amount equivalent to EUR 1.10 per share. Exceptionally, it has been retained a split of the distribution between 60% in cash and 40% through share buy-back.

In future, the Group intends to maintain a distribution policy of 50% of underlying Group net income⁽²⁾ with up to 20% of the distribution in the form of a share buyback.

⁽¹⁾ Phased-in (13.6% fully-loaded) post distribution provision

⁽²⁾ After deducting interest on deeply subordinated notes and undated subordinated notes

8. 2022 FINANCIAL CALENDAR

2022 Financial communication calendar

May 5 th , 2022	First quarter 2022 results
May 17 th , 2022	2022 General Meeting
August 3 rd , 2022	Second quarter and first half 2022 results
November 4 th , 2022	Third quarter and nine-month 2022 results

The Alternative Performance Measures, notably the notions of net banking income for the pillars, operating expenses, IFRIC 21 adjustment, cost of risk in basis points, ROE, ROTE, RONE, net assets, tangible net assets, and the amounts serving as a basis for the different restatements carried out (in particular the transition from published data to underlying data) are presented in the methodology notes, as are the principles for the presentation of prudential ratios.

This document contains forward-looking statements relating to the targets and strategies of the Societe Generale Group.

These forward-looking statements are based on a series of assumptions, both general and specific, in particular the application of accounting principles and methods in accordance with IFRS (International Financial Reporting Standards) as adopted in the European Union, as well as the application of existing prudential regulations.

These forward-looking statements have also been developed from scenarios based on a number of economic assumptions in the context of a given competitive and regulatory environment. The Group may be unable to:

- anticipate all the risks, uncertainties or other factors likely to affect its business and to appraise their potential consequences,
- evaluate the extent to which the occurrence of a risk or a combination of risks could cause actual results to differ materially from those provided in this document and the related presentation.

Therefore, although Societe Generale believes that these statements are based on reasonable assumptions, these forward-looking statements are subject to numerous risks and uncertainties, including matters not yet known to it or its management or not currently considered material, and there can be no assurance that anticipated events will occur or that the objectives set out will actually be achieved. Important factors that could cause actual results to differ materially from the results anticipated in the forward-looking statements include, among others, overall trends in general economic activity and in Societe Generale's markets in particular, regulatory and prudential changes, and the success of Societe Generale's strategic, operating and financial initiatives.

More detailed information on the potential risks that could affect Societe Generale's financial results can be found in the section "Risk Factors" in our Universal Registration Document filed with the French Autorité des Marchés Financiers (which is available on <https://investors.societegenerale.com/en>).

Investors are advised to take into account factors of uncertainty and risk likely to impact the operations of the Group when considering the information contained in such forward-looking statements. Other than as required by applicable law, Societe Generale does not undertake any obligation to update or revise any forward-looking information or statements. Unless otherwise specified, the sources for the business rankings and market positions are internal.

9. APPENDIX 1: FINANCIAL DATA

GROUP NET INCOME BY CORE BUSINESS

In EURm	Q4 21	Q4 20	Variation	2021	2020	Variation
French Retail Banking	400	104	x 3.8	1,492	666	x 2.2
International Retail Banking and Financial Services	584	376	+55.3%	2,082	1,304	+59.7%
Global Banking and Investor Solutions	635	280	x 2.3	2,076	57	x 36.4
Core Businesses	1,619	760	x 2.1	5,650	2,027	x 2.8
Corporate Centre	168	(290)	n/s	(9)	(2,285)	+99.6%
Group	1,787	470	x 3.8	5,641	(258)	n/s

CONSOLIDATED BALANCE SHEET

In EUR m	31.12.2021	31.12.2020
Cash, due from central banks	179,969	168,179
Financial assets at fair value through profit or loss *	342,714	411,916
Hedging derivatives	13,239	20,667
Financial assets at fair value through other comprehensive income	43,450	52,060
Securities at amortised cost	19,371	15,635
Due from banks at amortised cost	55,972	53,380
Customer loans at amortised cost	497,164	448,761
Revaluation differences on portfolios hedged against interest rate risk	131	378
Investments of insurance companies	178,898	166,854
Tax assets *	4,812	4,995
Other assets	92,898	67,341
Non-current assets held for sale	27	6
Investments accounted for using the equity method	95	100
Tangible and intangible fixed assets	31,968	30,088
Goodwill	3,741	4,044
Total *	1,464,449	1,444,404

In EUR m	31.12.2021	31.12.2020
Due to central banks	5,152	1,489
Financial liabilities at fair value through profit or loss *	307,563	372,705
Hedging derivatives	10,425	12,461
Debt securities issued	135,324	138,957
Due to banks	139,177	135,571
Customer deposits	509,133	456,059
Revaluation differences on portfolios hedged against interest rate risk	2,832	7,696
Tax liabilities *	1,577	1,227
Other liabilities	106,305	84,937
Non-current liabilities held for sale	1	-
Insurance contracts related liabilities	155,288	146,126
Provisions *	4,850	4,732
Subordinated debts	15,959	15,432
Total liabilities *	1,393,586	1,377,392
Shareholder's equity		
Shareholders' equity, Group share		
Issued common stocks and capital reserves	21,913	22,333
Other equity instruments	7,534	9,295
Retained earnings *	30,631	32,102
Net income	5,641	(258)
Sub-total *	65,719	63,472
Unrealised or deferred capital gains and losses	(652)	(1,762)
Sub-total equity, Group share *	65,067	61,710
Non-controlling interests *	5,796	5,302
Total equity *	70,863	67,012
Total *	1,464,449	1,444,404

(*) Amounts restated compared with the financial statements published in 2020 (See Note 1.7 of financial statements)

10. APPENDIX 2: METHODOLOGY

1 –The financial information presented in respect of Q4 and 2021 was examined by the Board of Directors on February 9th, 2021 and has been prepared in accordance with IFRS as adopted in the European Union and applicable at that date. This information has not been audited.

2 - Net banking income

The pillars' net banking income is defined on page 41 of Societe Generale's 2021 Universal Registration Document. The terms "Revenues" or "Net Banking Income" are used interchangeably. They provide a normalised measure of each pillar's net banking income taking into account the normative capital mobilised for its activity.

3 - Operating expenses

Operating expenses correspond to the "Operating Expenses" as presented in note 8.1 to the Group's consolidated financial statements as at December 31st, 2020 (pages 466 et seq. of Societe Generale's 2021 Universal Registration Document). The term "costs" is also used to refer to Operating Expenses. The Cost/Income Ratio is defined on page 41 of Societe Generale's 2021 Universal Registration Document.

4 - IFRIC 21 adjustment

The IFRIC 21 adjustment corrects the result of the charges recognised in the accounts in their entirety when they are due (generating event) so as to recognise only the portion relating to the current quarter, i.e. a quarter of the total. It consists in smoothing the charge recognised accordingly over the financial year in order to provide a more economic idea of the costs actually attributable to the activity over the period analysed.

The contributions to **Single Resolution Fund (« SRF »)** are part of IFRIC21 adjusted charges, they include contributions to national resolution funds within the EU.

5 – Exceptional items – Transition from accounting data to underlying data

It may be necessary for the Group to present underlying indicators in order to facilitate the understanding of its actual performance. The transition from published data to underlying data is obtained by restating published data for exceptional items and the IFRIC 21 adjustment.

Moreover, the Group restates the revenues and earnings of the French Retail Banking pillar for PEL/CEL provision allocations or write-backs. This adjustment makes it easier to identify the revenues and earnings relating to the pillar's activity, by excluding the volatile component related to commitments specific to regulated savings.

The reconciliation enabling the transition from published accounting data to underlying data is set out in the table below:

Q4 21 (in EURm)	Net Banking Income	Operating Expenses	Cost of risk	Net profit or losses from other assets	Impairment losses on goodwill	Income tax	Group net income	Business
Reported	6 620	(4 565)	(86)	449	(114)	(311)	1 787	
(+) Revaluation gain*	(117)					2	(115)	Corporate Center
(+) IFRIC 21 linearisation		(199)				46	(149)	
(+) Transformation charges*		147				(39)	108	Corporate Center ⁽¹⁾
(+) Lyxor disposal*				(439)		50	(389)	Corporate Center
(+) DTA recognition*						(130)	(130)	Corporate Center
(+) Goodwill impairment*					114		114	Corporate Center
Underlying	6 503	(4 617)	(86)	10	0	(382)	1 226	

Q4 20 (in EURm)	Net Banking Income	Operating Expenses	Cost of risk	Net profit or losses from other assets	Impairment losses on goodwill	Income tax	Group net income	Business
Reported	5 838	(4 351)	(689)	(94)	0	(125)	470	
(+) IFRIC 21 linearisation		(177)				52	(121)	
(+) Transformation charges*		210				(63)	147	o/w GBIS (EUR -157m), Corporate Center (EUR -53m)
(+) Group refocusing plan*			20	101		14	135	Corporate Center
Underlying	5 838	(4 318)	(669)	7	0	(123)	631	

2021 (in EURm)	Net Banking Income	Operating Expenses	Cost of risk	Net profit or losses from other assets	Impairment losses on goodwill	Income tax	Group net income	Business
Reported	25 798	(17 590)	(700)	635	(114)	(1 697)	5 641	
(+) Lyxor disposal*				(439)		50	(389)	Corporate Center
(+) Transformation charges*		379				(104)	275	Corporate Center ⁽²⁾
(+) Capital gains on Haussmann office disposal*				(185)		53	(132)	Corporate Center
(+) Revaluation gain*	(117)					2	(115)	Corporate Center
(+) DTA recognition*						(130)	(130)	Corporate Center
(+) Goodwill impairment*					114		114	Corporate Center
Underlying	25 681	(17 211)	(700)	11	0	(1 826)	5 264	

2020 (in EURm)	Net Banking Income	Operating Expenses	Cost of risk	Net profit or losses from other assets	Impairment losses on goodwill	Income tax	Group net income	Business
Reported	22 113	(16 714)	(3 306)	(12)	(684)	(1 204)	(258)	
(+) Transformation charges*		210				(63)	147	o/w GBIS (EUR -157m), Corporate Center (EUR -53m)
(+) Group refocusing plan*			20	178		14	212	Corporate center
(+) Goodwill impairment*					684		684	Corporate center
(+) DTA impairment*						650	650	Corporate center
Underlying	22 113	(16 504)	(3 286)	166	0	(603)	1 435	

(*) Exceptional item

(1) Transformation and/or restructuring charges in Q4 21 related to RBDF (EUR 88m), GBIS (EUR 33m) and Corporate Center (EUR 26m)

(2) Transformation and/or restructuring charges in 2021 related to RBDF (EUR 194m), GBIS (EUR 99m) and Corporate Center (EUR 86m)

6 - Cost of risk in basis points, coverage ratio for doubtful outstandings

The cost of risk is defined on pages 43 and 635 of Societe Generale's 2021 Universal Registration Document. This indicator makes it possible to assess the level of risk of each of the pillars as a percentage of balance sheet loan commitments, including operating leases.

In EURm		Q4 21	Q4 20	2021	2020
French Retail Banking	Net Cost Of Risk	(20)	276	104	1,097
	Gross loan Outstandings	219,522	222,926	218,043	212,185
	Cost of Risk in bp	(4)	50	5	52
International Retail Banking and Financial Services	Net Cost Of Risk	96	287	504	1,265
	Gross loan Outstandings	137,018	128,965	133,321	132,082
	Cost of Risk in bp	28	89	38	96
Global Banking and Investor Solutions	Net Cost Of Risk	3	104	86	922
	Gross loan Outstandings	178,116	147,508	165,603	160,918
	Cost of Risk in bp	1	28	5	57
Corporate Centre	Net Cost Of Risk	7	22	6	22
	Gross loan Outstandings	14,574	14,044	13,835	11,611
	Cost of Risk in bp	16	62	4	20
Societe Generale Group	Net Cost Of Risk	86	689	700	3,306
	Gross loan Outstandings	549,229	513,443	530,801	516,797
	Cost of Risk in bp	6	54	13	64

The **gross coverage ratio for doubtful outstandings** is calculated as the ratio of provisions recognised in respect of the credit risk to gross outstandings identified as in default within the meaning of the regulations, without taking account of any guarantees provided. This coverage ratio measures the maximum residual risk associated with outstandings in default ("doubtful").

7 - ROE, ROTE, RONE

The notions of ROE (Return on Equity) and ROTE (Return on Tangible Equity), as well as their calculation methodology, are specified on page 43 and 44 of Societe Generale's 2021 Universal Registration Document. This measure makes it possible to assess Societe Generale's return on equity and return on tangible equity.

RONE (Return on Normative Equity) determines the return on average normative equity allocated to the Group's businesses, according to the principles presented on page 44 of Societe Generale's 2021 Universal Registration Document.

Group net income used for the ratio numerator is book Group net income adjusted for "interest net of tax payable on deeply subordinated notes and undated subordinated notes, interest paid to holders of deeply subordinated notes and undated subordinated notes, issue premium amortisations" and "unrealised gains/losses booked under shareholders' equity, excluding conversion reserves" (see methodology note No. 9). For ROTE, income is also restated for goodwill impairment.

Details of the corrections made to book equity in order to calculate ROE and ROTE for the period are given in the table below:

ROTE calculation: calculation methodology

End of period	Q4 21	Q4 20	2021	2020
Shareholders' equity Group share*	65,067	61,710	65,067	61,710
Deeply subordinated notes	(8,003)	(8,830)	(8,003)	(8,830)
Undated subordinated notes		(264)		(264)
Interest net of tax payable to holders of deeply subordinated notes & undated subordinated notes, interest paid to holders of deeply subordinated notes & undated subordinated notes, issue premium amortisations	20	19	20	19
OCI excluding conversion reserves	(489)	(942)	(489)	(942)
Dividend provision	(2,286)	(467)	(2,286)	(467)
ROE equity end-of-period*	54,310	51,227	54,310	51,227
Average ROE equity*	53,878	51,307	52,634	52,091
Average Goodwill	(3,776)	(3,928)	(3,890)	(4,172)
Average Intangible Assets	(2,687)	(2,477)	(2,584)	(2,432)
Average ROTE equity*	47,415	44,902	46,160	45,487
Group net Income (a)	1,787	470	5,641	(258)
Underlying Group net income (b)	1,226	631	5,264	1,435
Interest on deeply subordinated notes and undated subordinated notes (c)	(151)	(164)	(590)	(611)
Cancellation of goodwill impairment (d)	337	-	337	684
Ajusted Group net Income (e) = (a)+ (c)+(d)	1,973	306	5,388	(185)
Ajusted Underlying Group net Income (f)=(b)+(c)	1,075	467	4,674	824
Average ROTE equity (g)*	47,415	44,902	46,160	45,487
ROTE [quarter: (4*e/g), 12M: (2*e/g)]	16.6%	2.7%	11.7%	-0.4%
Average ROTE equity (underlying) (h)*	46,854	45,063	45,783	47,180
Underlying ROTE [quarter: (4*f/h), 12M: (2*f/h)]	9.2%	4.1%	10.2%	1.7%

(*) Amounts restated compared with the financial statements published in 2020 (See Note 1.7 of the financial statements)

RONE calculation: Average capital allocated to Core Businesses (in EURm)

In EUR m	Q4 21	Q4 20	Change	2021	2020	Change
French Retail Banking	10,990	11,186	-1.8%	11,149	11,427	-2.4%
International Retail Banking and Financial Services	10,523	10,112	+4.1%	10,246	10,499	-2.4%
Global Banking and Investor Solutions	15,602	14,287	+9.2%	14,916	14,302	+4.3%
Core Businesses	37,115	35,585	+4.3%	36,310	36,228	+0.2%
Corporate Center	16,763	15,722	+6.7%	16,324	15,863	+2.9%
Group	53,878	51,307	+5.0%	52,634	52,091	+1.0%

(*) Amounts restated compared with the financial statements published in 2020 (See Note 1.7 of the financial statements)

8 - Net assets and tangible net assets

Net assets and tangible net assets are defined in the methodology, page 46 of the Group's 2021 Universal Registration Document. The items used to calculate them are presented below:

End of period – in EUR m	2021	2020	2019
Shareholders' equity Group share*	65,067	61,710	63,527
Deeply subordinated notes	(8,003)	(8,830)	(9,501)
Undated subordinated notes		(264)	(283)
Interest, net of tax, payable to holders of deeply subordinated notes & undated subordinated notes, interest paid to holders of deeply subordinated notes & undated subordinated notes, issue premium amortisations	20	19	4
Bookvalue of own shares in trading portfolio	37	301	375
Net Asset Value*	57,121	52,936	54,122
Goodwill	(3,624)	(3,928)	(4,510)
Intangible Assets	(2,733)	(2,484)	(2,362)
Net Tangible Asset Value*	50,764	46,524	47,250
Number of shares used to calculate NAPS**	831,162	848,859	849,665
Net Asset Value per Share	68.7	62.4	63.7
Net Tangible Asset Value per Share	61.1	54.8	55.6

(*) Amounts restated compared with the financial statements published in 2020 (See Note 1.7 of the financial statements)

(* *) The number of shares considered is the number of ordinary shares outstanding as at end of period, excluding treasury shares and buybacks, but including the trading shares held by the Group.

In accordance with IAS 33, historical data per share prior to the date of detachment of a preferential subscription right are restated by the adjustment coefficient for the transaction.

9 - Calculation of Earnings Per Share (EPS)

The EPS published by Societe Generale is calculated according to the rules defined by the IAS 33 standard (see page 45 of Societe Generale's 2021 Universal Registration Document). The corrections made to Group net income in order to calculate EPS correspond to the restatements carried out for the calculation of ROE and ROTE. As specified on page 45 of Societe Generale's 2021 Universal Registration Document, the Group also publishes EPS adjusted for the impact of non-economic and exceptional items presented in methodology note No. 5 (underlying EPS).

The calculation of Earnings Per Share is described in the following table:

Average number of shares (thousands) – in EUR m	2021	2020	2019
Existing shares	853,371	853,371	834,062
Deductions			
Shares allocated to cover stock option plans and free shares awarded to staff	3,861	2,987	4,011
Other own shares and treasury shares	3,249		149
Number of shares used to calculate EPS**	846,261	850,385	829,902
Group net Income	5,641	(258)	3,248
Interest on deeply subordinated notes and undated subordinated notes	(590)	(611)	(715)
Capital gain net of tax on partial buybacks			
Adjusted Group net income	5,051	(869)	2,533
EPS (in EUR)	5.97	(1.02)	3.05
Underlying EPS* (in EUR)	5.52	0.97	4.03

(*) Calculated on the basis of underlying Group net income.

(**) The number of shares considered is the average number of ordinary shares outstanding during the period, excluding treasury shares and buybacks, but including the trading shares held by the Group.

10 – The Societe Generale Group's Common Equity Tier 1 capital is calculated in accordance with applicable CRR2/CRD5 rules. The fully loaded solvency ratios are presented pro forma for current earnings, net of dividends, for the current financial year, unless specified otherwise. When there is reference to phased-in ratios, these do not include the earnings for the current financial year, unless specified otherwise. The leverage ratio is also calculated according to applicable CRR2/CRD5 rules including the phased-in following the same rationale as solvency ratios.

NB (1) The sum of values contained in the tables and analyses may differ slightly from the total reported due to rounding rules.

(2) All the information on the results for the period (notably: press release, downloadable data, presentation slides and supplement) is available on Societe Generale's website www.societegenerale.com in the "Investor" section.

Societe Generale

Societe Generale is one of the leading European financial services groups. Based on a diversified and integrated banking model, the Group combines financial strength and proven expertise in innovation with a strategy of sustainable growth. Committed to the positive transformations of the world's societies and economies, Societe Generale and its teams seek to build, day after day, together with its clients, a better and sustainable future through responsible and innovative financial solutions.

Active in the real economy for over 150 years, with a solid position in Europe and connected to the rest of the world, Societe Generale has over 133,000 members of staff in 61 countries and supports on a daily basis 30 million individual clients, businesses and institutional investors around the world by offering a wide range of advisory services and tailored financial solutions. The Group is built on three complementary core businesses:

- **French Retail Banking** which encompasses the Societe Generale, Credit du Nord and Boursorama brands. Each offers a full range of financial services with omnichannel products at the cutting edge of digital innovation;
- **International Retail Banking, Insurance and Financial Services to Corporates**, with networks in Africa, Russia, Central and Eastern Europe and specialised businesses that are leaders in their markets;
- **Global Banking and Investor Solutions**, which offers recognised expertise, key international locations and integrated solutions.

Societe Generale is included in the principal socially responsible investment indices: DJSI (Europe), FTSE4Good (Global and Europe), Bloomberg Gender-Equality Index, Refinitiv Diversity and Inclusion Index, Euronext Vigeo (Europe and Eurozone), STOXX Global ESG Leaders indexes, and the MSCI Low Carbon Leaders Index (World and Europe).

In case of doubt regarding the authenticity of this press release, please go to the end of [Societe Generale's newsroom page](#) where official Press Releases sent by Societe Generale can be certified using blockchain technology. A link will allow you to check the document's legitimacy directly on the web page.

For more information, you can follow us on Twitter [@societegenerale](#) or visit our website www.societegenerale.com.

REGISTERED OFFICE OF THE ISSUER

SG Issuer
16, Boulevard Royal
L-2449 Luxembourg
Luxembourg

REGISTERED OFFICE OF THE GUARANTOR

Société Générale
29, boulevard Haussmann
75009 Paris
France

ISSUER'S AUDITORS

Ernst & Young Société Anonyme
35E, avenue John F. Kennedy
L-1855 Luxembourg
Luxembourg

**Ernst & Young et
Autres**
Tour First
TSA 14444
92037 Paris-La
Défense Cedex
France

GUARANTOR'S AUDITORS

Deloitte & Associés
6, place de la Pyramide
92908 Paris-La Défense
Cedex
France

WARRANT AGENT

THE CENTRAL DEPOSITORY (PTE) LIMITED

11 North Buona Vista Drive
#06-07 The Metropolis Tower 2
Singapore 138589

LEGAL ADVISERS TO THE ISSUER

(as to Singapore law)

ALLEN & GLEDHILL LLP
One Marina Boulevard #28-00
Singapore 018989