

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 UBS AG, acting through its London branch, the Certificates, or the Company (as defined below).

**12,000,000 European Style Cash Settled Long Certificates relating to
the ordinary shares of Hong Kong Exchanges and Clearing Limited
with a Daily Leverage of 5x**

UBS AG

(Incorporated with limited liability in Switzerland)

acting through its London Branch

Issue Price: S\$0.70 per Certificate

This document is published for the purpose of obtaining a listing of all the above certificates (the “**Certificates**”) to be issued by UBS AG (the “**Issuer**”) acting through its London branch, and is supplemental to and should be read in conjunction with a base listing document dated 28 June 2024 (the “**Base Listing Document**”), including its supplements and addenda as executed from time to time, for the purpose of giving information with regard to the Issuer 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 the United States, the United Kingdom, the European Economic Area, Singapore and Hong Kong (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 and/or any of its affiliates may from time to time purchase the Certificates or sell additional Certificates on the market, the Issuer and/or any of its affiliates are not obliged to do so. Investors should also note that there are leveraged risks because the Certificates integrate a 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.

For the purpose of section 309B(1) of the Securities and Futures Act 2001 of Singapore (the "SFA"), the Issuer has determined, and hereby notifies all relevant persons (as defined in section 309A of the SFA) that 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.

Prospective purchasers should therefore ensure that they understand the nature of the Certificates and carefully study the risk factors set out in the Base Listing Document and pages 5 to 10 of this document before they invest in the Certificates.

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 July 2024.

As at the date hereof, the Issuer's long term credit rating by S&P Global Ratings Europe Limited is A+, by Moody's Investors Service Ltd. is Aa2 and by Fitch Ratings Ireland Limited is A+.

The Issuer is regulated by, among others, the Swiss Federal Banking Commission. In the United Kingdom, it is authorised by the Prudential Regulatory Authority and subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulatory Authority.

3 July 2024

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 accepts full responsibility for the accuracy of the information contained in this document and the Base Listing Document in relation to itself and the Certificates. To the best of the knowledge and belief of the Issuer (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 it accepts 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 accepts 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.

No persons have been authorised to give any information or to make any representation save as contained in this document or otherwise authorised by the Issuer in connection with the Certificates and, if given or made, such information or representations must not be relied upon as having been authorised by the Issuer. 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 or its subsidiaries and associates since the date hereof.

This document does not constitute an offer or solicitation by or on behalf of the Issuer 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 requires persons into whose possession this document comes to inform themselves of and observe all such restrictions. In particular, the Certificates have not been, and will not be, registered under the United States Securities Act of 1933, as amended (the "**Securities Act**"). Subject to certain exceptions, Certificates, or interests therein, may not at any time be offered, sold, resold or delivered, directly or indirectly, in the United States or to, or for the account or benefit of, any U.S. person (as defined in Regulation S under the Securities Act) or to others for offering, sale or resale in the United States or to any such U.S. person. Offers and sales of Certificates, or interests therein, in the United States or to U.S. persons would constitute a violation of United States securities laws unless made in compliance with registration requirements of the Securities Act or pursuant to an exemption therefrom. 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 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 and/or any of its 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 and/or any of its 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.

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RISK FACTORS

The following risk factors are relevant to the Certificates:-

- (a) investment in Certificates involves substantial risks including market risk, liquidity risk, and the risk that the Issuer will be unable to satisfy its 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 direct, general and unsecured contractual obligations of the Issuer and if you purchase the Certificates you are relying upon the creditworthiness of the Issuer and have no rights under the Certificates against any 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 have no rights under the Certificates against the Company which has issued the Underlying Stock (as defined below). The Issuer has substantially no obligation to a Certificate Holder (as defined in the Conditions) other than to pay amounts in accordance with the terms thereof as set forth herein and in the Base Listing Document. The Issuer does not in any respect underwrite or guarantee the performance of any Certificate. Any profit or loss realised by a Certificate Holder in respect of a Certificate upon exercise or otherwise due to changes in the value of such Certificate or the Underlying Stock is solely for the account of such Certificate Holder. In addition, the Issuer shall have the absolute discretion to put in place any hedging transaction or arrangement which it deems appropriate in connection with any Certificate or the Underlying Stock. A reduction in the rating, if any, accorded to outstanding debt securities of the Issuer by any one of its rating agencies could result in a reduction in the trading value of the Certificates;
- (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 may, in extreme circumstances, sustain a significant loss of their investment if the price of the Underlying Stock has fallen 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 and the creditworthiness of the Issuer;
- (e) fluctuations in the price of the Underlying Stock will affect the price of the Certificates but not necessarily in the same magnitude and direction, therefore, prospective investors intending to purchase Certificates to hedge their market risk associated with investing in the Underlying Stock which may be specified herein, should recognise the complexities of utilising the Certificates in this manner;
- (f) 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) 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;
- (h) investors should note that the Issuer's obligations to pay amounts in accordance with the terms thereof as set forth herein shall be discharged by delivery of the aggregate Cash Settlement Amount (if positive) to all Certificate Holders in accordance with the agreement with the Warrant Agent;
- (i) 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;
- (j) 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;
- (k) 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 such expiry date the Cash Settlement Amount is zero, a Certificate Holder will lose the value of his investment;
- (l) 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);
- (m) 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 Strategy (as described below) including the Funding Cost (as defined below) and the Rebalancing Cost (as defined below);
- (n) investors should note that there may be an exchange rate risk where the Cash Settlement Amount may be 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;
- (o) investors should note that there are leveraged risks because the Certificates integrate a 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;
- (p) 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 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;

- (q) 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);
- (r) investors should note that the Air Bag Mechanism reduces the impact on the Leverage Strategy if the Underlying Stock falls further, but will also maintain a reduced exposure to the Underlying Stock in the event the Underlying Stock starts to rise after the Air Bag Mechanism is triggered, thereby reducing its ability to recoup losses;
- (s) 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 fall 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 the market (in respect of which the Underlying Stock is listed) opens the following day (including pre-opening session or opening auction, as the case may be) or (ii) a sharp intraday fall in the Underlying Stock of 20% or greater during the observation period compared to the reference price, being: (a) if air bag event has not been previously triggered on the same day, the previous closing price of the Underlying Stock, or (b) if one or more air bag events have been previously triggered on the same day, the latest new observed price. Investors may refer to pages 41 to 42 of this document for more information;
- (t) certain events may, pursuant to the terms and conditions of the Certificates, trigger (A) the implementation of methods of adjustment or (B) 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 (A) general market conditions and (B) 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 Condition 13 on pages 28 to 29 of this document for more information;
- (u) investors should note that it is not possible to predict the price at which the Certificates will trade in the secondary market or whether such market will be liquid or illiquid. To the extent Certificates of a particular issue are exercised, the number of Certificates of such issue outstanding will decrease, resulting in a diminished liquidity for the remaining Certificates of such issue. A decrease in the liquidity of an issue of Certificates may cause, in turn, an increase in the volatility associated with the price of such issue of Certificates. The Issuer may, but is not obligated to, at any time, purchase Certificates at any price in the open market or by tender or private agreement. Any Certificates so purchased may be held or resold or surrendered for cancellation. To the extent that an issue of Certificates becomes illiquid, an investor may have to exercise such Certificates to realise value;
- (v) 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;

- (w) 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. Investors should refer to the Taxation Section in the Base Listing Document;
- (x) investors should note that the Issuer may enter into discount, commission or fee arrangements with brokers and/or any of its subsidiaries or affiliates with respect to the primary or secondary market in the Certificates. The arrangements may result in the benefit to investors in Certificates buying and selling Certificates through nominated brokers by reducing or eliminating the commission payable by such Certificate Holders. In the event that the commission payable by Certificate Holders is eliminated, fee arrangements between the Issuer and brokers and/or any of its subsidiaries or affiliates will continue to apply. Investors in the Certificates should note that any brokers with whom the Issuer has a commission arrangement does not, and cannot be expected to, deal exclusively in the Certificates, therefore any broker and/or any of its subsidiaries or affiliates may from time to time engage in transactions involving the Underlying Stock and/or structured products of other issuers over the Underlying Stock as the Certificates for their proprietary accounts and/or accounts of their clients. The fact that the same broker may deal simultaneously for different clients in competing products in the market place may affect the value of the Certificates and present certain conflicts of interests;
- (y) various potential and actual conflicts of interest may arise from the overall activities of the Issuer and any of its subsidiaries and affiliates.

The Issuer and any of its 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 and any of its 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 and any of its subsidiaries and affiliates have no obligation to disclose such information about the Underlying Stock or such activities. The Issuer and any of its 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;

- (z) 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 and any of its 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 and/or related derivatives. In addition, in connection with the offering of any Certificates, the Issuer and any of its respective subsidiaries and affiliates may enter into one or more hedging transactions with respect to the Underlying Stock and/or related derivatives. In connection with such hedging or market-making activities or with respect to proprietary or other trading

activities by the Issuer and any of its respective subsidiaries and its affiliates, the Issuer and any of its respective subsidiaries and affiliates may enter into transactions in the Underlying Stock and/or related derivatives which may affect the market price, liquidity or value of the Certificates and which may affect the interests of Certificate Holders;

- (aa) the value of the Certificates depends on the Leverage Strategy performance built in the Certificate. The Calculation Agent will make the Leverage Strategy last closing level and a calculation tool available to the investors on a website;
- (bb) certain risks relating to the Issuer's operating environment and strategy, including those as set out in Appendix 2 of the Base Listing Document, may impact the Issuer's ability to execute its strategy and directly affect its business activities, financial condition, results of operations and prospects. As a broad-based international financial services firm, the Issuer is inherently exposed to risks that become apparent only with the benefit of hindsight, risks of which it is not presently aware or which it currently does not consider to be material could also materially affect its business activities, financial condition, results of operations and prospects. The sequence in which the risk factors are set out in Appendix 2 of the Base Listing Document is not indicative of their likelihood of occurrence or the potential magnitude of their financial consequences;
- (cc) 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 website of the SGX-ST. Investors will need to check the website of the SGX-ST regularly and/or rely on their brokers/custodians to obtain such notices;
- (dd) Generally, investing in the Certificates may involve risks related to the discontinuance, changes or adjustments to benchmarks generally

Discontinuance of, or changes to, benchmarks may require adjustments to the Issuer's agreements, systems and processes. The interbank offered rate(s) and other interest rate, equity, commodity, foreign exchange and other types of indices which are deemed to be "benchmarks", are the subject of national, international and other regulatory guidance and proposals for reform. Some of these reforms are already effective whilst others are still to be or may be implemented. These reforms may cause such benchmarks to perform differently than in the past, to disappear entirely, or have other consequences which cannot be predicted. Any such consequence could have a material adverse effect on any Certificates referencing such a benchmark. Investors should consult their own independent advisers and make their own assessment about the potential risks or any of the international or national reforms in making any investment decision with respect to any Certificates referencing a benchmark; and

- (ee) Specifically, 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 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.

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:	12,000,000 European Style Cash Settled Long Certificates relating to the ordinary shares of Hong Kong Exchanges and Clearing Limited traded in HKD (the “ Underlying Stock ” or the “ Underlying ”)
ISIN:	CH1227876757
Company:	Hong Kong Exchanges and Clearing Limited (RIC: 0388.HK)
Underlying Price ³ and Source:	HK\$251.6 (Bloomberg)
Calculation Agent:	UBS AG acting through its London Branch
Strike Level:	Zero
Daily Leverage:	5x (within the Leverage Strategy as described below)
Notional Amount per Certificate:	SGD 0.70
Management Fee (p.a.) ⁴ :	0.40%
Gap Premium (p.a.) ⁵ :	7.00%, is a hedging cost against extreme market movements overnight.
Funding Cost ⁶ :	The annualised costs of funding, referencing a publically published interbank offered rate plus spread.
Rebalancing Cost ⁶ :	The transaction costs (if applicable), computed as a function of leverage and daily performance of the Underlying Stock.
Launch Date:	26 June 2024
Closing Date:	3 July 2024

³ These figures are calculated as at, and based on information available to the Issuer on or about 3 July 2024. 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 3 July 2024.

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 Strategy.

Expected Listing Date:	4 July 2024
Last Trading Date:	The date falling 5 Business Days immediately preceding the Expiry Date, currently being 19 June 2025
Expiry Date:	26 June 2025 (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:	25 June 2025 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 5:00 p.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 5:00 p.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:	In respect of each Certificate, shall be an amount (if positive) payable in the Settlement Currency equal to: Closing Level multiplied by the Notional Amount per Certificate Please refer to the “Information relating to the European Style Cash Settled Long Certificates on Single Equities” section on pages 33 to 47 of this document for examples and illustrations of the calculation of the Cash Settlement Amount.
Hedging Fee Factor:	In respect of each Certificate, shall be an amount calculated as: Product (for t from Expected Listing Date 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: “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; 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).

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 Long Certificates on Single Equities” section on pages 33 to 47 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 Strategy (as described below) on the Valuation Date

The calculation of the closing level of the Leverage Strategy is set out in the “Specific Definitions relating to the Leverage Strategy” section on pages 15 to 19 below.

Initial Exchange Rate³: 0.1736294684

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

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

trading is subject to the SGX-ST's requirements of at least 15 minutes after the SGX-ST approves the request from the Issuer to resume trading on the Certificates, rounded to the next quarter of an hour.

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

Please refer to the "Air Bag Mechanism" section on page 19 below and the "Description of Air Bag Mechanism" section on pages 39 to 40 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 (" SGX-ST ")
Relevant Stock Exchange for the Underlying Stock:	HKEX
Business Day, Settlement Business Day and Exchange Business Day:	<p>A "Business Day" or a "Settlement Business Day" is a day (excluding Saturdays, Sundays and public holidays) on which the SGX-ST is open for dealings in Singapore during its normal trading hours and banks are open for business in Singapore.</p> <p>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.</p>
Warrant Agent:	The Central Depository (Pte) Limited (" CDP ")
Clearing System:	CDP
Fees and Charges:	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.

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 Strategy including the Funding Cost and the 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.

Further Information:

Please refer to the website at <http://dlc.ubs.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 Strategy

Description of the Leverage Strategy

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

At the end of each trading day of the Underlying Stock, the exposure of the Leverage Strategy to the Underlying Stock is reset within the Leverage Strategy in order to retain a daily leverage of 5 times the 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 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 Strategy Formula

LSL_t means, the Leverage Strategy Level as at the Leverage Reset Time (t), calculated in accordance with the following formulae:

On Leverage Reset Time (1):

$$LSL_1 = 1000$$

On each subsequent Leverage Reset Time (t):

$$LSL_t = \text{Max}\left[LSL_{r(t)} \times \left(1 + LR_{r(t),t} - FC_{r(t),t} - RC_{r(t),t}\right), 0\right]$$

Leverage Reset Time (t)	<p>means</p> <p>1) the scheduled closing time for the Relevant Stock Exchange for the Underlying Stock (or any successor thereto) on any Observation Date; and</p> <p>2) end of any Intraday Restrike Event Observation Period.</p> <p>Leverage Reset Time (1) is the scheduled close for the Relevant Stock Exchange for the Underlying Stock on Issue Date.</p>
Leverage Reset Time r(t)	<p>means the Leverage Reset Time immediately preceding the Leverage Reset Time (t).</p>
LR_{r(t),t}	<p>means the Leveraged Return of the Underlying Stock between Leverage Reset Time r(t) and Leverage Reset Time (t), calculated as follows:</p> $LR_{r(t),t} = \text{Leverage} \times \left(\frac{S_t}{S_{r(t)} \times Rfactor_t} - 1 \right)$
FC_{r(t),t}	<p>means, the Funding Cost between the Leverage Reset Time r(t) (included) and the Leverage Reset Time (t) (excluded) calculated as follows:</p> <p>If the Leverage Reset Time r(t) is at the scheduled closing time for the Relevant Stock Exchange for the Underlying Stock (or any successor thereto) on any Observation Date,</p> $FC_{r(t),t} = (\text{Leverage} - 1) \times \frac{\text{Rate}_{r(t)} \times \text{ACT}(r(t), t)}{\text{DayCountBasisRate}}$ <p>Otherwise, $FC_{r(t),t} = 0$</p>
RC_{r(t),t}	<p>means the Rebalancing Cost of the Leverage Strategy as at Leverage Reset Time (t), calculated as follows:</p> $RC_{r(t),t} = \text{Leverage} \times (\text{Leverage} - 1) \times \left(\left \frac{S_t}{S_{r(t)} \times Rfactor_t} - 1 \right \right) \times \text{TC}$
TC	<p>means the Transaction Costs applicable as determined by the Calculation Agent (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>0.10%</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 the Underlying Stock Price as of Leverage Reset Time (t) computed as follows, subject to the adjustments and provisions of the Conditions:

If the Leverage Reset Time (t) is at the scheduled closing time for the Relevant Stock Exchange for the Underlying Stock (or any successor thereto) on any Observation Date,

S_t is the Closing Price of the Underlying Stock as of such Observation Date.

Otherwise,

S_t is the lowest price of the Underlying Stock during the respective Intraday Restrike Observation Period.

$Rfactor_t$ means an amount determined by the Calculation Agent, according to the following formula, subject to the adjustments and provisions of the Conditions:

If in respect of the Leverage Reset Time (t), the immediately preceding Leverage Reset Time $r(t)$ is at the scheduled closing time for the Relevant Stock Exchange for the Underlying Stock (or any successor thereto) on any Observation Date,

$$Rfactor_t = 1 - \frac{Div_t}{S_{r(t)}}$$

Otherwise,

$$Rfactor_t = 1$$

Where

Div_t is the dividend to be paid out in respect of the Underlying Stock on the Observation Date of the Leverage Reset Time (t) if such Observation Date is an ex-dividend date, otherwise is zero. The dividend shall be considered net of any applicable withholding taxes.

$Rate_t$ means, in respect of the Observation Date of Leverage Reset Time (t), a rate calculated as of such day in accordance with the following formula:

$$Rate_t = CashRate_t + \%SpreadLevel_t$$

$CashRate_t$ means, in respect of the Observation Date of the Leverage Reset Time (t), the Overnight HKD Hong Kong Interbank Offered Rate (HIBOR) Fixing, as published on Reuters RIC HIHKDOND= 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 a Benchmark 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.

%SpreadLevel_t means, in respect of the Observation Date of the Leverage Reset Time (t), a rate which shall be determined with respect to such Valuation Date(t) by the Calculation Agent as the difference between (1) the 12-month HKD Hong Kong Interbank Offered Rate (HIBOR) Fixing, as published on Reuters RIC HHHKD1YD= and (2) Overnight HKD Hong Kong Interbank Offered Rate (HIBOR) Fixing, as published on Reuters RIC HHHKDOND=or any successor page, each being the rate as of day (t), provided that if any of such rates 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 a Benchmark 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.

Provided that if such difference is negative, **%SpreadLevel_t** should be 0%.

Benchmark Event means:

- (a) the relevant reference rate has ceased to be published on the relevant screen page as a result of such benchmark ceasing to be calculated or administered; or
- (b) a public statement by the administrator of the relevant reference rate that (in circumstances where no successor administrator has been or will be appointed that will continue publication of such reference rate) it has ceased publishing such reference rate permanently or indefinitely or that it will cease to do so by a specified future date (the "**Specified Future Date**"); or
- (c) a public statement by the supervisor of the administrator of the relevant reference rate that such reference rate has been or will, by a specified future date (the "**Specified Future Date**"), be permanently or indefinitely discontinued; or
- (d) a public statement by the supervisor of the administrator of the relevant reference rate as a consequence of which Reference Rate will, by a specified future date (the "**Specified Future Date**"), be prohibited from being used, or that its use will be subject to restrictions or adverse consequences, either generally or in respect of the Certificates; or
- (e) a public statement by the supervisor of the administrator of the relevant reference rate that, in the view of such supervisor, such reference rate is or will, by a specified future date (the "**Specified Future Date**"), be no longer representative of an underlying market or the methodology to calculate such reference rate has materially changed; or
- (f) it has or will, by a specified date within the following six months, become unlawful for the Calculation Agent or the Issuer to calculate any payments due to be made to any holder of the Certificates

using the relevant reference rate (including, without limitation, under the Benchmarks Regulation (EU) 2016/1011, if applicable).

Notwithstanding the subparagraphs above, where the relevant Benchmark Event is a public statement within subparagraphs (b), (c), (d) or (e) above and the Specified Future Date in the public statement is more than six months after the date of that public statement, the Benchmark Event shall not be deemed occur until the date falling six months prior to such Specified Future Date.

ACT(r(t),t) ACT(r(t),t) means the number of calendar days between the Observation Date of the Leverage Reset Time r(t) (included) and the Observation Date of the Leverage Reset Time (t) (excluded).

DayCountBasisRate 365

Air Bag Mechanism

Intraday Restrike Event means in respect of an Observation Date, the decrease at any Calculation Time of the Underlying Stock price by 15% or more compared with the amount of $S_{r(t)} \times Rfactor_t$ where r(t) means the immediately preceding Leverage Reset Time prior to 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 Strategy Level.

TimeReferenceOpening means the scheduled opening time (including pre-opening session or opening auction, as the case may be) for the Relevant Stock Exchange for the Underlying Stock (or any successor thereto).

TimeReferenceClosing means the scheduled closing time (including closing auction session) 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 of continuous trading 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, 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 28 June 2024, made by UBS AG (the "**Issuer**") acting through its London Branch; and
 - (ii) a warrant agent agreement (the "**Master Warrant Agent Agreement**" or "**Warrant Agent Agreement**") dated any time on or before 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 Certificate Holders (as defined below) 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.* The Certificates constitute direct, general and unsecured contractual 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 and, in particular, the Certificates will not be secured by any underlying assets. 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.
- (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 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.

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 (if positive) 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 provided that the Issuer, if applicable, may, but shall not be obliged to, determine such Final Reference Level or the relevant closing level by having regard to the manner in which futures contracts relating to the Underlying Stock are calculated.

"**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 5:00 p.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 5:00 p.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 5:00 p.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 Warrant Agent who will then 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 dispatched by the Warrant Agent as soon as practicable and no later than five Settlement Business Days (as defined in the relevant Supplemental Listing Document) following the Expiry Date (subject to extension upon the occurrence of a Market Disruption Event (as defined above) 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.

The Issuer's obligations to pay the Cash Settlement Amount shall be discharged by payment to the Warrant Agent in accordance with the Master Warrant Agent Agreement or Warrant Agent Agreement.

- (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 (excluding Saturdays, Sundays and public holidays) 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) *Subdivision or Consolidation of the Certificates.* The Issuer reserves the right to subdivide or consolidate the Certificates, provided that such adjustment 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) *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 and unfettered discretion and without any obligation whatsoever) to make such adjustments and amendments as it believes appropriate in circumstances where an event or events (including the events as contemplated in Conditions 6(a) to 6(e)) occur which it believes in its sole discretion (and notwithstanding any prior adjustment made pursuant to the above) and irrespective of, in substitution for, or in addition to the provisions contemplated in Conditions 6(a) to 6(e) 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).
- (g) *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 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 or its related corporations 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 website 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 website 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.

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 etc.* The Issuer shall have the right to terminate the Certificates if it shall have determined in its absolute discretion that a Regulatory Event (as defined below) has occurred and, for reasons beyond its control its performance thereunder shall have become unlawful in whole or in part under any applicable present or future law, rule, regulation, judgment, order or directive of any governmental, administrative, legislative or judicial authority or power ("**Applicable Law**").

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 any of its affiliates involved in the issue of the Certificates (hereafter the "**Relevant Affiliates**" and each of the Issuer 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, judgment, 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 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 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(c) 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 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).
- (c) *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 the Applicable Law, pay to each Certificate Holder in respect of each Certificate held by such Certificate Holder an amount calculated by it as the fair market value of the Certificate immediately prior to such termination (ignoring such illegality) less the cost to the Issuer of unwinding any related hedging arrangements. Payment will be made to the Certificate Holder in such manner as shall be notified to the Certificate Holder in accordance with Condition 9.

14. 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 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.

15. 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.

16. Contracts (Rights of Third Parties) Act 2001 of Singapore

Unless otherwise expressly 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 2001 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:	UBS AG acting through its London Branch
Company:	Hong Kong Exchanges and Clearing Limited
The Certificates:	European Style Cash Settled Long Certificates relating to the Underlying Stock
Number:	12,000,000 Certificates
Form:	The Certificates will be issued subject to, and with the benefit of, a master instrument by way of deed poll dated 28 June 2024 (the “ Master Instrument ”) and executed by the Issuer and a master warrant agent agreement dated 27 February 2008 (the “ Master Warrant Agent Agreement ”) and made between the Issuer 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 5:00 p.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 5:00 p.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 July 2024.
- Governing Law: The laws of Singapore
- Warrant Agent: The Central Depository (Pte) Limited
4 Shenton Way
#02-01 SGX Centre 2
Singapore 068807
- Further Issues: Further issues which will form a single series with the Certificates will be permitted.

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 LONG CERTIFICATES ON SINGLE EQUITIES**

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

European style cash settled long 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 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 increase and are seeking short-term leveraged 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 Strategy including the Funding Cost and the Rebalancing Cost.

Illustration of the Calculation of Hedging Fee Factor

Hedging Fee Factor	=	Product of the Daily Fees
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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 Strategy daily performance ⁸ x Daily Fees		Leverage Strategy daily performance x Daily Fees		Leverage Strategy Daily performance x Daily Fees

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

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

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 Strategy daily performance is computed as the Leverage Strategy Level on Business Day (t) divided by the Leverage Strategy 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 Hong Kong Exchanges and Clearing Limited traded in HKD
Expected Listing Date:	01/02/2021
Expiry Date:	16/02/2021
Initial Reference Level:	1,000
Initial Exchange Rate:	1
Final Reference Level:	1,200
Final Exchange Rate:	1
Issue Price:	0.70 SGD
Notional Amount per Certificate:	0.70 SGD
Management Fee (p.a.):	0.40%
Gap Premium (p.a.):	7.00%
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):

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

$$\text{HFF}(1) = 100\% \times \left(1 - 0.40\% \times \frac{1}{360}\right) \times \left(1 - 7.00\% \times \frac{1}{360}\right)$$

$$\text{HFF}(1) = 100\% \times 99.9989\% \times 99.9806\% \approx 99.9794\%$$

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

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

$$\text{HFF (2)} = 99.9794\% \times \left(1 - 0.40\% \times \frac{3}{360}\right) \times \left(1 - 7.00\% \times \frac{3}{360}\right)$$

$$\text{HFF (2)} = 99.9794\% \times 99.9967\% \times 99.9417\% \approx 99.9178\%$$

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 99.6921% as illustrated below:

Date	HFF
2/1/2021	100.0000%
2/2/2021	99.9794%
2/3/2021	99.9589%
2/4/2021	99.9383%
2/5/2021	99.9178%
2/8/2021	99.8562%
2/9/2021	99.8357%
2/10/2021	99.8151%
2/11/2021	99.7946%
2/12/2021	99.7741%
2/15/2021	99.7126%
2/16/2021	99.6921%

Cash Settlement Amount

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

$$\text{Closing Level} = \frac{[(\text{Final Reference Level} \times \text{Final Exchange Rate}) / (\text{Initial Reference Level} \times \text{Initial Exchange Rate}) - \text{Strike Level}] \times \text{Hedging Fee Factor}}$$

$$= \frac{[(1200 \times 1) / (1000 \times 1) - 0] \times 99.6921\%}{}$$

$$= 119.63\%$$

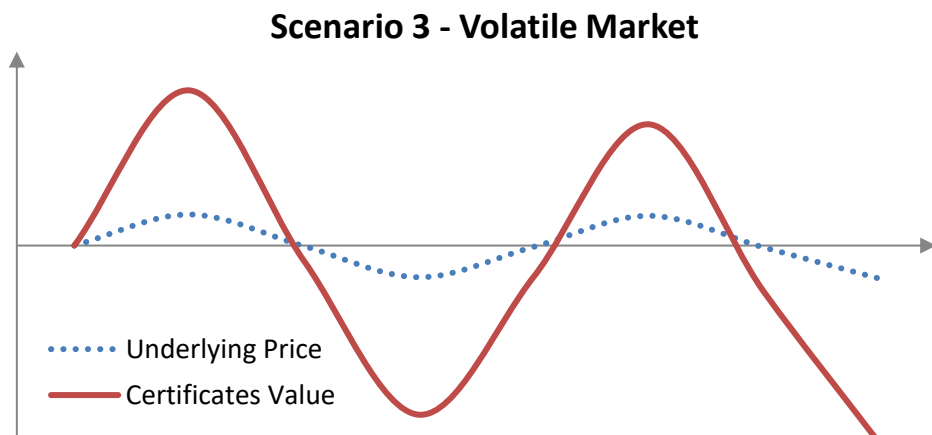
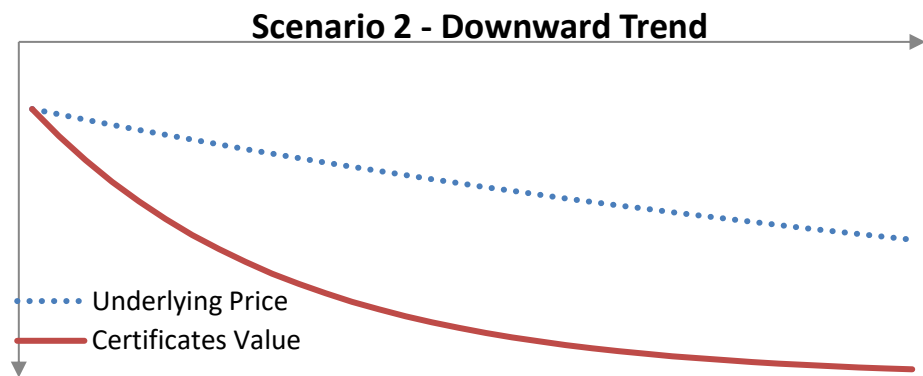
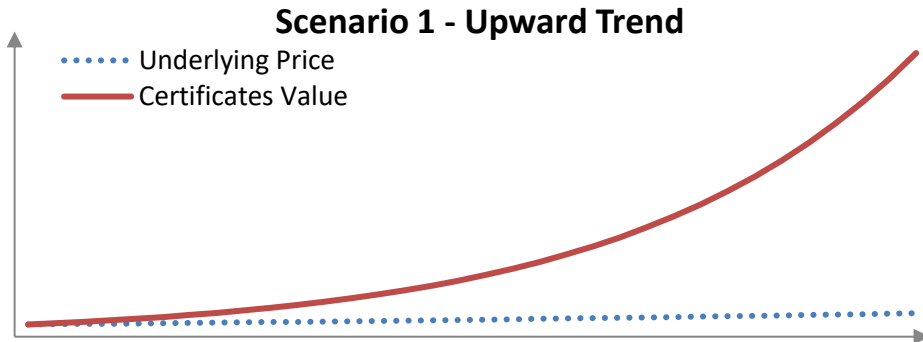
$$\text{Cash Settlement Amount} = \text{Closing Level} \times \text{Notional Amount per Certificate}$$

$$= 119.63\% \times 0.70 \text{ SGD}$$

$$= \mathbf{0.837 \text{ SGD}}$$

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

2. Numerical Examples

Scenario 1 – Upward Trend

Underlying						
	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5
Daily Return		2.00%	2.00%	2.00%	2.00%	2.00%
Value at end of day	10,000.00	10,200.00	10,404.00	10,612.08	10,824.32	11,040.81
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		10.00%	10.00%	10.00%	10.00%	10.00%
Price at end of day	0.70	0.77	0.85	0.93	1.02	1.13
Accumulated Return		10.00%	21.00%	33.10%	46.41%	61.05%

Scenario 2 – Downward Trend

Underlying						
	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5
Daily Return		-2.00%	-2.00%	-2.00%	-2.00%	-2.00%
Value at end of day	10,000.00	9,800.00	9,604.00	9,411.92	9,223.68	9,039.21
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		-10.00%	-10.00%	-10.00%	-10.00%	-10.00%
Price at end of day	0.70	0.63	0.57	0.51	0.46	0.41
Accumulated Return		-10.00%	-19.00%	-27.10%	-34.39%	-40.95%

Scenario 3 – Volatile Market

Underlying						
	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5
Daily Return		2.00%	-2.00%	-2.00%	2.00%	2.00%
Value at end of day	10,000.00	10,200.00	9,996.00	9,796.08	9,992.00	10,191.84
Accumulated Return		2.00%	-0.04%	-2.04%	-0.08%	1.92%

Value of the Certificates						
	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5
Daily Return		10.00%	-10.00%	-10.00%	10.00%	10.00%
Price at end of day	0.70	0.77	0.69	0.62	0.69	0.75
Accumulated Return		10.00%	-1.00%	-10.90%	-1.99%	7.81%

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.

In accordance with the Air Bag Mechanism timeline below, when the Air Bag triggers, the following typically occurs:

- Observation Period: the price of the Underlying Stock is observed and its minimum price is recorded (i) during 15 minutes of continuous trading after the Air Bag is triggered, or (ii) until Market Close if there is 15 minutes (or less) of continuous trading until Market Close when the Air Bag is triggered; and
- Reset Period: thereafter, the Leverage Strategy is reset using the minimum 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 Strategy.

During the Observation Period and Reset Period, trading of Certificates is suspended for a period of **at least** 30 minutes of continuous trading after the Air Bag is triggered, and such suspension will be based on instructions provided by the Issuer to the SGX-ST for suspension of trading. Investors cannot sell or purchase any Certificates during this period.

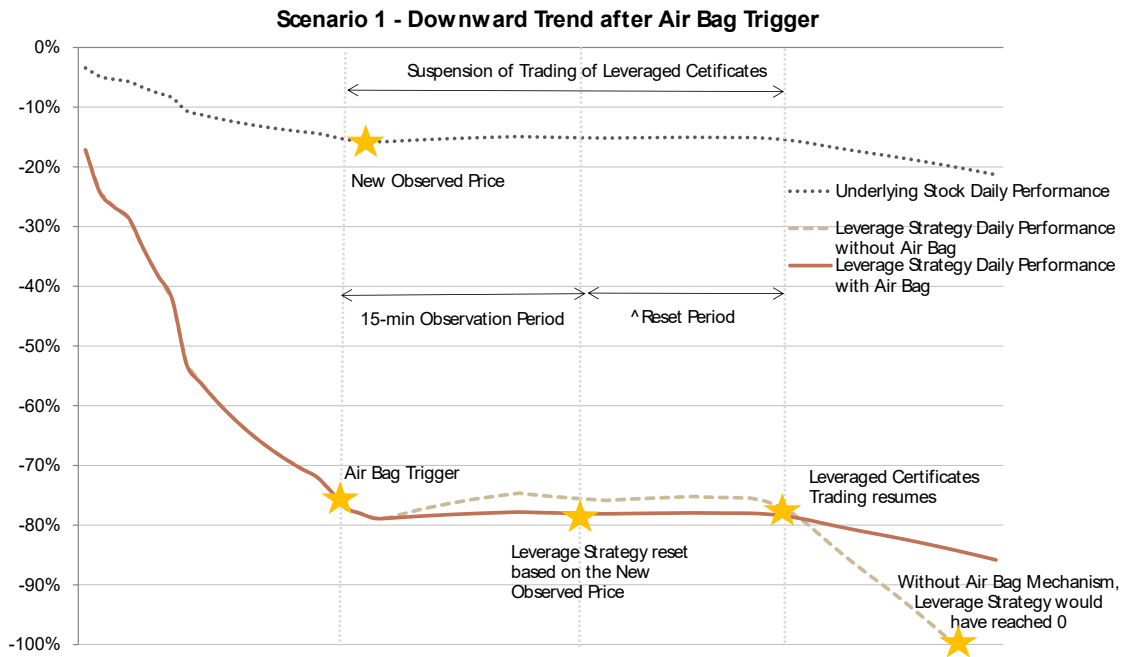
For the avoidance of doubt, if the Air Bag Mechanism was triggered with more than 60 minutes of continuous trading before Market Close, trading of Certificates will resume the same trading day after the Reset Period has elapsed, subject to the SGX-ST’s approval to resume trading. If the Air Bag Mechanism was triggered between 45 minutes and 60 minutes of continuous trading before Market Close, trading of Certificates may or may not resume the same trading day after the Reset Period has elapsed. If the Air Bag Mechanism was triggered with only 45 minutes (or less) of continuous trading before Market Close, trading of Certificates resumes on the next trading day.

The resumption of trading is subject to the SGX-ST’s requirements of at least 15 minutes after the SGX-ST approves the request from the Issuer to resume trading on the Certificates, rounded to the next quarter of an hour. The Issuer will provide at least 15 minutes’ notice of the resumption of trading by making an SGXNET announcement.

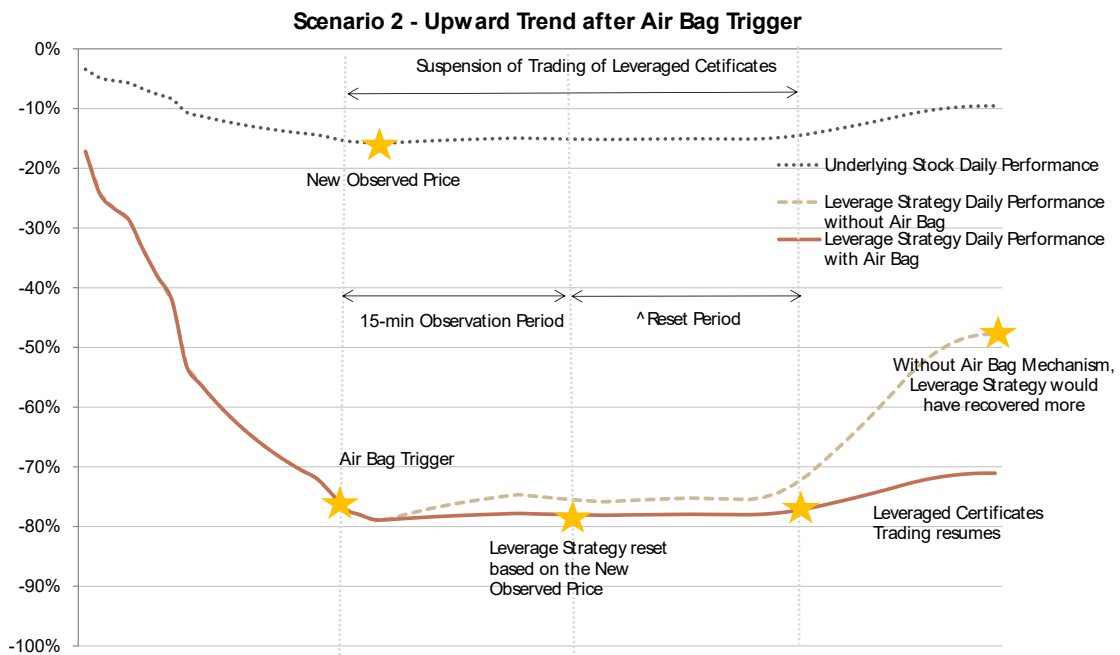
With **Market Close** defined as:

- the Underlying Stock closing time, including the closing auction session, with respect to the Observation Period; and
- the sooner of (i) the Underlying Stock closing time for continuous trading and (ii) the SGX-ST closing time, with respect to the Resumption of Trading

Illustrative examples of the Air Bag Mechanism⁹



^ The resumption of trading is subject to the SGX-ST's requirements of at least 15 minutes after the SGX-ST approves the request from the Issuer to resume trading on the Certificates, rounded to the next quarter of an hour.



^ The resumption of trading is subject to the SGX-ST's requirements of at least 15 minutes after the SGX-ST approves the request from the Issuer to resume trading on the Certificates, rounded to the next quarter of an hour.

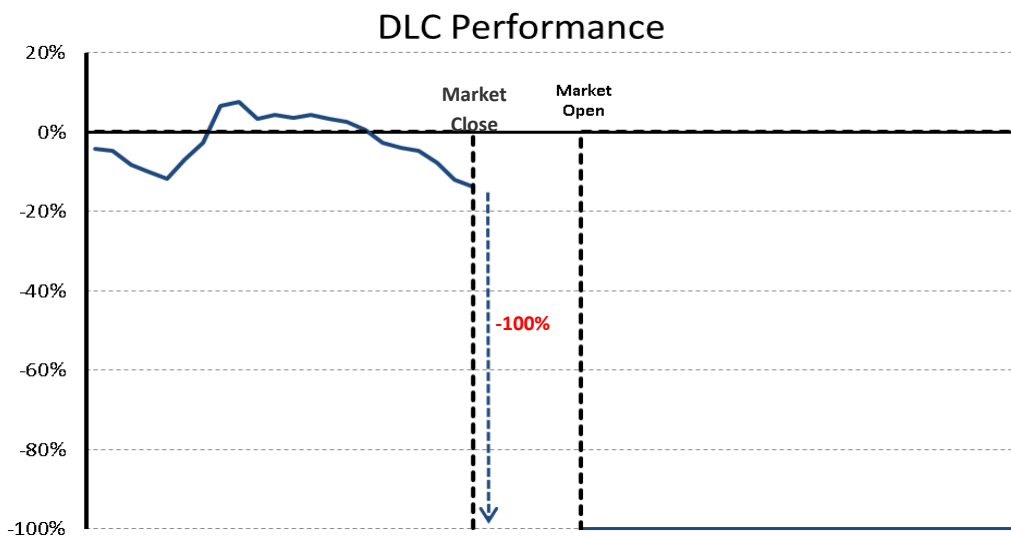
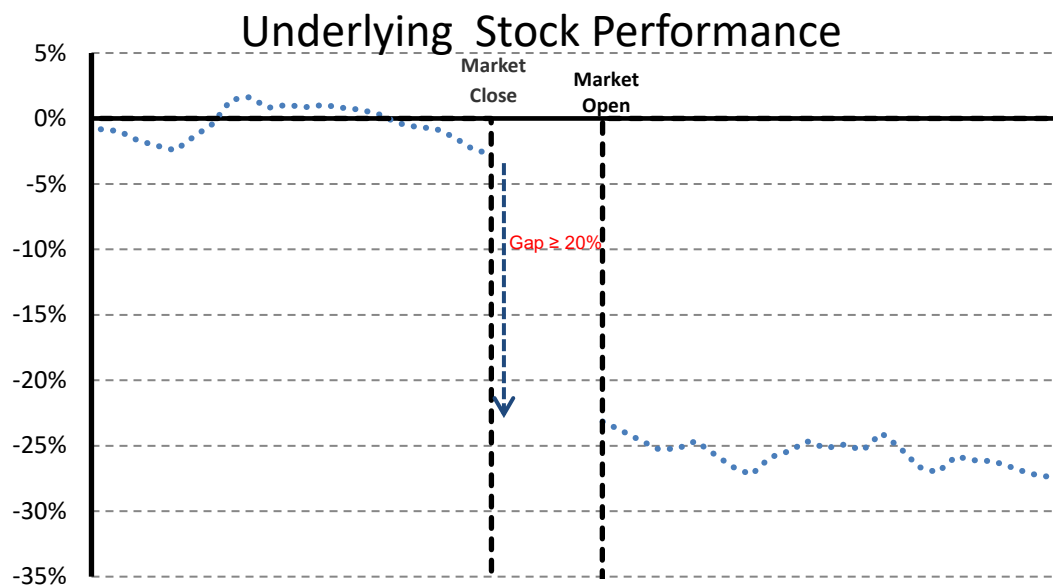
⁹ The illustrative examples are not exhaustive.

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.

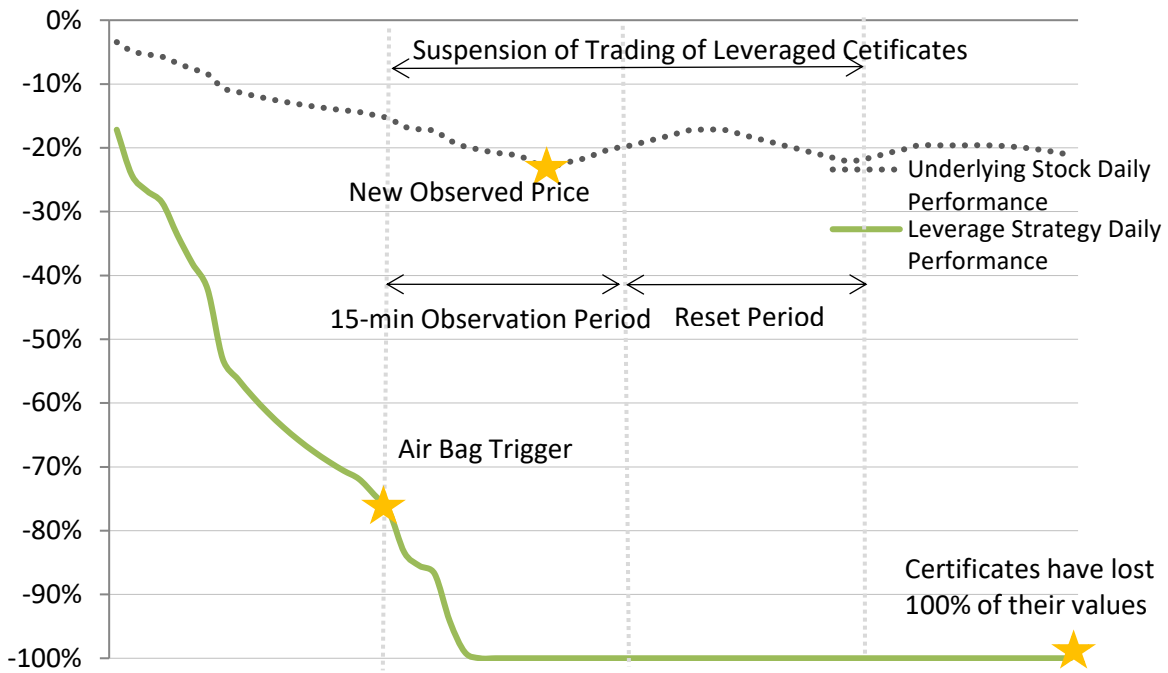
Scenario 1 – Overnight fall of the Underlying Stock

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 below the previous day closing price, the Air Bag Mechanism would only be triggered when the market (in respect of which the Underlying Stock is listed) opens the following day (including pre-opening session or opening auction, as the case may be), and the Certificates would lose their entire value in such event.



Scenario 2 – Sharp intraday fall 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 falls by 20% or more within the 15 minutes Observation Period compared to the reference price, being: (i) if air bag event 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 events 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 the Observation Date of the Leverage Reset Time (t) is an ex-date with respect to a corporate action related to the Underlying Stock, and the immediately preceding Leverage Reset Time r(t) is at the scheduled closing time for the Relevant Stock Exchange for the Underlying Stock (or any successor thereto), the Calculation Agent may, in its sole and absolute discretion, replace the $Rfactor_t$ with respect to such Leverage Reset Time (t) by an amount computed according to the following generic formula :

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

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 falls 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):

$$S_{r(t)} = \$100$$

$$S_t = \$51$$

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

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

$M = 1$ (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:

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

$S_{r(t)}$	$S_{r(t)} \times Rfactor_t$	S_t	Adjusted Underlying Stock Performance
100	50	51	2%

Value of the Certificate r(t)	Value of the Certificate (t)	Certificates' performance (excluding any cost and fees)
0.70	0.77	10%

In such case an Intraday Restrike Event would occur if the Underlying Stock price falls to \$42.5, which is 15% below \$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):

$$S_{r(t)} = \$100$$

$$S_t = \$202$$

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

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

$M = -0.5$ (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:

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

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

Value of the Certificate r(t)	Value of the Certificate (t)	Certificates' performance (excluding any cost and fees)
0.70	0.735	5%

In such case an Intraday Restrike Event would occur if the Underlying Stock price falls to \$170, which is 15% below \$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.

$$S_{r(t)} = \$100$$

$$S_t = \$84$$

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

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

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

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

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

As a consequence:

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

$S_{r(t)}$	$S_{r(t)} \times Rfactor_t$	S_t	Adjusted Underlying Stock Performance
100	80	84	5%

Value of the Certificate r(t)	Value of the Certificate (t)	Certificates' performance (excluding any cost and fees)
0.70	0.875	25%

In such case an Intraday Restrike Event would occur if the Underlying Stock price falls to \$68, which is 15% below \$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:

$$S_{r(t)} = \$100$$

$$S_t = \$85$$

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

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

$$R = \$0$$

M = 0.2 (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:

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

$S_{r(t)}$	$S_{t(t)} \times Rfactor_t$	S_t	Adjusted Underlying Stock Performance
100	83.33	85	2%

Value of the Certificate r(t)	Value of the Certificate (t)	Certificates' performance (excluding any cost and fees)
0.70	0.77	10%

In such case an Intraday Restrike Event would occur if the Underlying Stock price falls to \$70.83, which is 15% below \$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.

$$S_{r(t)} = \$100$$

$$S_t = \$84$$

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

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

$$R = \$0$$

$$M = 0$$

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

As a consequence:

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

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

Value of the Certificate r(t)	Value of the Certificate (t)	Certificates' performance (excluding any cost and fees)
0.70	0.875	25%

In such case an Intraday Restrike Event would occur if the Underlying Stock price falls to \$68, which is 15% below \$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>. The Issuer has not independently verified any of such information.

Hong Kong Exchanges and Clearing Limited (the “**Company**”) is principally engaged in the operation of stock exchanges. The Company operates through five business segments. The Cash segment includes various equity products traded on the Cash Market platforms, the Shanghai Stock Exchange and the Shenzhen Stock Exchange. The Equity and Financial Derivatives segment includes derivatives products traded on Hong Kong Futures Exchange Limited (HKFE) and the Stock Exchange of Hong Kong Limited (SEHK) and other related activities. The Commodities segment includes the operations of the London Metal Exchange (LME). The Clearing segment includes the operations of various clearing houses, such as Hong Kong Securities Clearing Company Limited, the SEHK Options Clearing House Limited, HKFE Clearing Corporation Limited, over the counter (OTC) Clearing Hong Kong Limited and LME Clear Limited. The Platform and Infrastructure segment provides users with access to the platform and infrastructure of the Company.

The information set out in the Appendix to this document relates to the unaudited quarterly results of the Company and its subsidiaries for the three months ended 31 March 2024 and has been extracted and reproduced from an announcement by the Company dated 24 April 2024 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>.

- (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 the SGX-ST and/or the HKEX is 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.

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.

United Kingdom

In relation to each tranche of Certificates, the Issuer has represented, warranted and agreed that:

(a) No deposit-taking: in relation to any 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:

(A) whose ordinary activities involve them in acquiring, holding, managing or disposing of investments (as principal or agent) for the purposes of their businesses; or

(B) 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 Financial Services and Markets Act 2000 (the "FSMA") by the Issuer;

(b) Financial Promotion: it has only communicated or caused to be communicated and will only communicate or cause to be communicated any 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 or would not, if the Issuer was not an authorised person, apply to the Issuer; and

(c) General Compliance: 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.

If the applicable Supplemental Listing Document in respect of any Certificates specifies the "Prohibition of Sales to European Economic Area Retail Investors" as "Not Applicable", the Issuer has represented and agreed that it has not offered, sold or otherwise made available such Certificates 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 FSMA and any rules or regulations made under the FSMA which were relied on immediately before exit day 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.

If the applicable Supplemental Listing Document in respect of any Certificates specifies the "Prohibition of Sales to European Economic Area Retail Investors" as "Not Applicable", the Issuer has represented and agreed that it has not made and will not make an offer of Certificates which are the subject of the offering contemplated by the Base Listing Document as completed by this Supplemental Listing Document to the public in the United Kingdom except that it may make an offer of such Certificates to the public in the United Kingdom:

- a) if the Supplemental Listing Document in relation to the Certificates specifies an offer of those Certificates may be made other than pursuant to Article 1(4) of the UK Prospectus Regulation in the United Kingdom (a "**Public Offer**"), following the date of publication of a prospectus in relation to such Certificates which either (i) has been approved by the UK Financial Conduct Authority ("**FCA**"), or (ii) is to be treated as if it had been approved by the FCA in accordance with the transitional provision in Regulation 74 of the Prospectus (Amendment etc.) (EU Exit) Regulations 2019, provided that any such prospectus has subsequently been completed by final terms contemplating such Public Offer, in the period beginning and ending on the dates specified in such prospectus or final terms, as applicable, and the Issuer has consented in writing to its use for the purpose of that Public Offer;
- b) at any time to any legal entity which is a qualified investor as defined in Article 2 of the UK Prospectus Regulation;
- c) at any time to fewer than 150 natural or legal persons (other than qualified investors as defined in Article 2 of the UK Prospectus Regulation); or
- d) at any time in any other circumstances falling within section 86 of the FSMA, provided that no such offer of Certificates to the public referred to in (a) to (c) above shall require the publication of a prospectus pursuant to section 85 of the FSMA or supplement a prospectus pursuant to Article 23 of the UK Prospectus Regulation,

provided that no such offer of Certificates referred to in (b) to (d) above shall require the Issuer to publish a prospectus pursuant to section 85 of the FSMA or supplement a prospectus pursuant to Article 23 of the UK Prospectus Regulation.

For the purposes of this provision, the expression "an offer of Certificates to the public" in relation to any products in the United Kingdom means 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 the Certificates, and the expression "**UK Prospectus Regulation**" means Regulation (EU) 2017/1129 as it forms part of domestic law by virtue of the EUWA.

United States of America

The Certificates have not been, and will not be, registered under the Securities Act. Subject to certain exceptions, Certificates, or interests therein, may not at any time be offered, sold, resold or delivered, directly or indirectly, in the United States or to, or for the account or benefit of, any U.S. person or to others for offering, sale or resale in the United States or to any such U.S. person. Offers and sales of Certificates, or interests therein, in the United States or to U.S. persons would constitute a violation of United States securities laws unless made in compliance with registration requirements of the Securities Act or pursuant to an exemption therefrom. The Certificates will not be offered, sold or delivered within the United States or to U.S. persons. As used herein, “**United States**” means the United States of America (including the States and the District of Columbia), its territories, its possessions and other areas subject to its jurisdiction; and “**U.S. person**” means (i) any citizen or resident of the United States, including any corporation, partnership or other entity created or organised in or under the laws of the United States or of any political subdivision thereof, (ii) any estate or trust the income of which is subject to United States income taxation regardless of its source, (iii) “U.S. person” as such term is defined in (a) Regulation S under the Securities Act or (b) the Interpretive Guidance and Policy Statement Regarding Compliance with Certain Swap Regulations promulgated by the U.S. Commodity Futures Trading Commission (“**CFTC**”) pursuant to the U.S. Commodity Exchange Act of 1936, as amended, or (iv) a person other than a “Non-United States Person” as defined in CFTC Rule 4.7, in each case, as such definition is amended, modified or supplemented from time to time.

Prohibition of Sales to European Economic Area

If the applicable Supplemental Listing Document in respect of any Certificates specifies the “Prohibition of Sales to European Economic Area Retail Investors” as “Not Applicable”, the Issuer has represented and agreed 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 contemplated by the Base Listing Document as completed by this Supplemental Listing 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**”);
 - (ii) a customer within the meaning of Directive 2016/97 (as amended), 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, the “**Prospectus Regulation**”); and
- (b) the expression an “offer” includes the communication in any form and by any means of sufficient information on the terms of the offer and the Certificates to be offered so as to enable an investor to decide to purchase or subscribe the Certificates.

PUBLIC OFFER SELLING RESTRICTION UNDER THE PROSPECTUS REGULATION

If the Supplemental Listing Document specifies “Prohibition of Sales to European Economic Area Retail Investors” as “Not Applicable”, in relation to each member state of the European

Economic Area (each, a "**Relevant State**"), the Issuer has represented, warranted and agreed that it has not made and will not make an offer of Certificates which are the subject of the offering contemplated by the Base Listing Document as completed by this Supplemental Listing Document to the public in that Relevant State except that it may make an offer of such Certificates to the public in that Relevant State:

(a) Approved listing document: if the Supplemental Listing Document in relation to the Certificates specifies that an offer of those Certificates may be made other than pursuant to Article 1(4) of the Prospectus Regulation in that Relevant State (a "**Non-exempt Offer**"), following the date of publication of a listing document in relation to such Certificates which has been approved by the competent authority in that Relevant State or, where appropriate, approved in another Relevant State and notified to the competent authority in that Relevant State, provided that any such listing document has subsequently been completed by the Supplemental Listing Document contemplating such Non-exempt Offer, in accordance with the Prospectus Regulation, in the period beginning and ending on the dates specified in such listing document or Supplemental Listing Document, as applicable and the Issuer has consented in writing to its use for the purpose of that Non-exempt Offer;

(b) Qualified investors: at any time to any legal entity which is a qualified investor as defined in the Prospectus Regulation;

(c) Fewer than 150 offered: at any time to fewer than 150 natural or legal persons (other than qualified investors as defined in the Prospectus Regulation), subject to obtaining the prior consent of the Issuer for any such offer; or

(d) Other exempt offers: at any time in any other circumstances falling within Article 3(2) of the Prospectus Regulation,

provided that no such offer of Certificates referred to in (b) to (d) above shall require the Issuer to publish a listing document pursuant to Article 3 of the Prospectus Regulation or supplement a listing document pursuant to Article 23 of the Prospectus Regulation.

For the purposes of this provision, the expression an "**offer of Certificates to the public**" in relation to any Certificates in any Relevant State means 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, as the same may be varied in that Relevant State by any measure implementing the Prospectus Regulation in that Relevant State.

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 2001 of Singapore.

Hong Kong

No person, other than a person permitted to do so under the securities laws of Hong Kong, has issued, or had in its possession for the purposes of issue, or will issue, or have in its possession for the purposes of issue any advertisement, invitation or document relating to the Certificates, whether in Hong Kong or elsewhere, which is directed at, or the contents of which are likely to be accessed or read by, the public in 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” within the meaning of the Securities and Futures Ordinance (Cap. 571) of the Laws of Hong Kong and any rules made thereunder.

SUPPLEMENTAL GENERAL INFORMATION

The information set out herein is supplemental to, and should be read in conjunction with, the information set out on page 268 of the Base Listing Document.

1. Save as disclosed in the Base Listing Document and herein, there is no litigation, arbitration or administrative proceedings relating to claims or amounts which are material in the context of the issue of the Certificates to which the Issuer is a party nor, to the best of its knowledge and belief, is there any threatened litigation, arbitration or administrative proceedings relating to claims or amounts which are material in the context of the issue of the Certificates which would in either case jeopardise its ability to discharge its obligations in respect of the Certificates.
 2. UBS AG, Singapore Branch at 9 Penang Road, Singapore 238459, has been authorised to accept, on behalf of the Issuer, service of process and any other notices required to be served on the Issuer. Any notices required to be served on the Issuer should be sent to UBS AG, Singapore Branch at the above address for the attention of Han-Kiat Tan, Legal & Compliance.
 3. 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 of 100 Certificates 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.
 4. 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.
 5. There has been no adverse change, material in the context of the issue of the Certificates, in the financial position of the Issuer since 31 March 2024.
 6. The following contracts, relating to the issue of the Certificates, have been or will be entered into by the Issuer and may be material to the issue of the Certificates:
 - (a) the Master Instrument; and
 - (b) the Master Warrant Agent Agreement.
- None of the directors of the Issuer has any direct or indirect interest in any of the above contracts.
7. The Issuer has appropriate risk management capabilities to manage the issue of the Certificates.
 8. Copies of the following documents may be inspected during usual business hours on any weekday (Saturdays, Sundays and holidays excepted) at the office of Allen & Gledhill LLP at One Marina Boulevard #28-00, Singapore 018989, during the period of 14 days from the date of this document:

- (a) the articles of association of the Issuer;
- (b) the latest financial reports (including the notes thereto) of the Issuer;
- (c) the Base Listing Document; and
- (d) this document.

APPENDIX

**REPRODUCTION OF THE UNAUDITED QUARTERLY RESULTS
FOR THE THREE MONTHS ENDED 31 MARCH 2024 OF
HONG KONG EXCHANGES AND CLEARING LIMITED AND ITS SUBSIDIARIES**

Pursuant to Chapter 38 of the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited, the Securities and Futures Commission regulates Hong Kong Exchanges and Clearing Limited in relation to the listing of its shares on The Stock Exchange of Hong Kong Limited. The Securities and Futures Commission takes no responsibility for the contents of this announcement, 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 announcement.



香港交易及結算所有限公司
HONG KONG EXCHANGES AND CLEARING LIMITED

(Incorporated in Hong Kong with limited liability)
Stock Codes: 388 (HKD Counter) and 80388 (RMB Counter)

(Financial figures in this announcement are expressed in Hong Kong dollar (HKD) unless otherwise stated)

QUARTERLY RESULTS FOR THE THREE MONTHS ENDED 31 MARCH 2024

HIGHLIGHTS

Bonnie Y CHAN, Chief Executive Officer said:

HKEX demonstrated its strength and resilience in the first quarter of the year. Despite a fragile global backdrop, the Group's derivatives and commodities business performed strongly – the former achieving record quarterly volumes. Whilst the cash market reflected broader macro sentiment and remained soft, there was a notable uptick in Headline ADT in March and April, indicating growing investor confidence. The Connect programmes, including Northbound Stock Connect and Bond Connect, saw significant growth in trading volumes, with Bond Connect reaching a fresh record for the quarter. Recent initiatives announced by the China Securities Regulatory Commission, such as the expansion of eligible ETFs and the inclusion of Real Estate Investment Trusts in Stock Connect, the addition of RMB-denominated stocks in Southbound Stock Connect, as well as supporting leading Mainland companies to list in Hong Kong, will further elevate the attractiveness of Hong Kong's capital markets. Looking ahead, despite the prevailing backdrop, we are optimistic about HKEX's ability to capitalise on the long-term growth of China, the considerable opportunities to connect with the fast-growing capital hubs of Southeast Asia and the Middle East, and the continuing exciting developments in technology in our industry and beyond.

Strategic Highlights

- Appointment of new Chief Executive Officer, Ms Bonnie Y Chan, with effect from 1 March 2024
- Record quarterly high for ADV of derivatives contracts traded
- Record quarterly high for ADT of Northbound Bond Connect
- Record quarterly highs for OTC total clearing volume and clearing volume under Swap Connect
- Introduction of Self-Match Prevention service in the Securities Market
- IPO pipeline remained healthy with 85 active applications as at 31 March 2024
- First batch of Covered Call ETFs launched
- Announcement of new LME organisational design to enhance transparency, accountability, operational resilience and effectiveness
- Average trading and clearing fee increment of 13 per cent, effective 1 January 2024, implemented by the LME and LME Clear
- New Closing Price methodology for five major contracts implemented by the LME, bringing greater determinism, transparency and standardisation
- List of funded projects under the HKEX Impact Funding Scheme 2023 announced by HKEX Foundation

Financial Highlights

- Q1 2024 revenue and other income of \$5,201 million was 6 per cent lower than Q1 2023 (a quarter which benefitted from the strong recovery of economic activity post-COVID), and was 7 per cent higher than Q4 2023:
 - Core business revenue was down 7 per cent against Q1 2023, reflecting lower trading and clearing fees from lower Headline ADT, lower net investment income from Margin Funds and Clearing House Funds, and lower listing fees. The decrease was partly offset by higher LME trading and clearing fees driven by both volume and fee increases.
 - Net investment income from Corporate Funds was \$535 million (Q1 2023: \$549 million), due to lower net fair value gains on the externally-managed investment funds (External Portfolio) (Q1 2024: \$169 million; Q1 2023: \$195 million).
- Operating expenses were 8 per cent higher than Q1 2023 (7 per cent lower than Q4 2023), attributable to higher staff costs, partly offset by lower professional fees and lower charitable donations made by HKEX Foundation.
- EBITDA margin¹ was 72 per cent, 4 percentage points lower than Q1 2023 (4 percentage points higher than Q4 2023).
- Profit attributable to shareholders was \$2,970 million, 13 per cent lower than Q1 2023 (14 per cent higher than Q4 2023).

¹ For the purposes of this announcement, EBITDA is defined as earnings before interest expenses and other finance costs, taxation, depreciation and amortisation. It excludes the Group's share of results of the joint ventures. EBITDA margin is calculated based on EBITDA divided by revenue and other income less transaction-related expenses. EBITDA and EBITDA margin are non-HKFRS measures used by management for monitoring business performance and may not be comparable to similar measures presented by other companies.

Key Financials

	Q1 2024 \$m	Q1 2023 \$m	Change
Revenue and other income			
Core business revenue	4,657	5,004	(7%)
Donation income of HKEX Foundation	9	5	80%
Net investment income of Corporate Funds	535	549	(3%)
	5,201	5,558	(6%)
Operating expenses	1,411	1,303	8%
EBITDA (non-HKFRS measure)	3,705	4,209	(12%)
Profit attributable to shareholders	2,970	3,408	(13%)
Capital expenditure	278	240	16%
Basic earnings per share	\$2.35	\$2.69	(13%)

Key Market Statistics

	Q1 2024	Q1 2023	Change
ADT of equity products traded on the Stock Exchange ¹ (\$bn)	89.1	114.7	(22%)
ADT of DWs, CBBCs and warrants traded on the Stock Exchange (\$bn)	10.3	13.1	(21%)
ADT traded on the Stock Exchange ^{1,2} (Headline ADT) (\$bn)	99.4	127.8	(22%)
ADT of Northbound Trading of Stock Connect ¹ (RMBbn)	133.0	97.0	37%
ADT of Southbound Trading of Stock Connect ¹ (\$bn)	31.0	37.5	(17%)
ADV of derivatives contracts traded on the Futures Exchange ('000 contracts)	855 ⁴	753	14%
ADV of stock options contracts traded on the Stock Exchange ('000 contracts)	645	665	(3%)
Chargeable ADV ³ of metals contracts traded on the LME ('000 lots)	659	503	31%
ADT of Northbound Bond Connect (RMBbn)	45.2 ⁴	37.0	22%

¹ Includes buy and sell trades under Stock Connect

² ADT of Southbound Trading is included within Headline ADT.

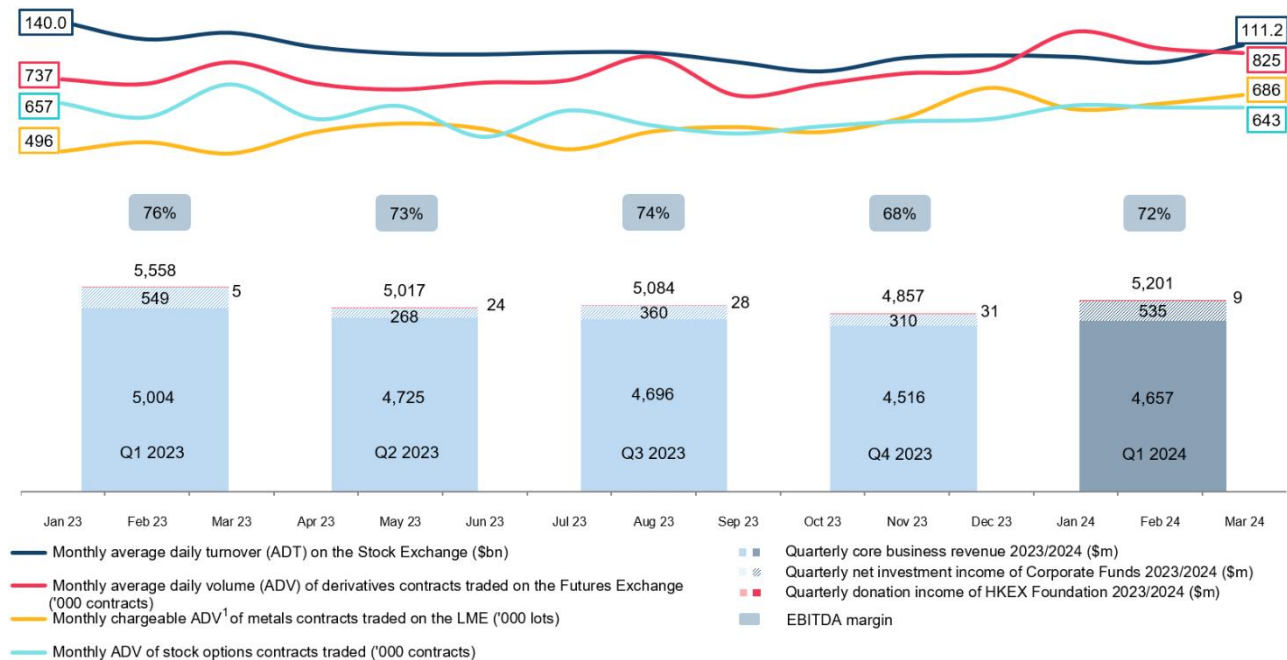
³ Chargeable ADV excludes administrative trades (Admin Trades).

⁴ New record quarterly high

BUSINESS REVIEW

Overview

Quarterly Results, Q1 2023 – Q1 2024



1 Chargeable ADV excludes administrative trades (Admin Trades).

Fig. 1 – Market activity and Group's² revenue and other income

HKEX continued to demonstrate its robustness and resiliency in Q1 2024, despite the overall weak market sentiment caused by the ongoing challenging macroeconomic and prolonged high interest rate environment. Cash Market Headline ADT was \$99.4 billion in Q1 2024, 9 per cent higher than Q4 2023, but 22 per cent lower than Q1 2023. However, the Group's Derivatives Market and Commodities Market sustained their growth trajectory and continued to perform strongly in Q1 2024. ADV of derivatives contracts traded reached a record quarterly high, up 12 per cent and 6 per cent compared with Q4 2023 and Q1 2023 respectively, while LME volumes also saw robust growth, with chargeable ADV up 6 per cent and 31 per cent from Q4 2023 and Q1 2023 respectively.

Revenue and other income for Q1 2024 was \$5.2 billion, 6 per cent lower than Q1 2023, reflecting lower trading and clearing fees from lower Headline ADT, lower Stock Exchange listing fees due to a lower number of newly listed DWs and CBBCs, and lower net investment income from a reduced Margin Fund size. The decrease was partly offset by the higher LME trading and clearing fees driven by both volume and fee increases. Compared with Q4 2023, revenue and other income in Q1 2024 was up by 7 per cent, attributable to higher trading and clearing fees from higher volumes across all markets, and the non-recurring losses on the valuation of the Group's unlisted equity investments of \$246 million recorded in Q4 2023.

Operating expenses were up 8 per cent against Q1 2023 but were 7 per cent lower than Q4 2023. Compared with Q1 2023, the increase was mainly due to higher staff costs arising from increase in headcount, payroll adjustments and one-off retirement benefits payable to senior management, partly offset by lower professional fees incurred for the nickel market incident, and lower charitable donations made by HKEX Foundation.

HKEX continued its efforts to work closely with the HKSAR Government's Task Force on Enhancing Stock Market Liquidity, driving discussion on ways to further enhance the attractiveness of Hong Kong's markets. A number of reform proposals are under study, and measures will be introduced in the future to improve the market mechanism and promote market development.

² HKEX and its subsidiaries, which include The Stock Exchange of Hong Kong Limited (SEHK or the Stock Exchange), Hong Kong Futures Exchange Limited (HKFE or the Futures Exchange), Hong Kong Securities Clearing Company Limited (HKSCC), HKFE Clearing Corporation Limited (HKCC), The SEHK Options Clearing House Limited (SEOCH), OTC Clearing Hong Kong Limited (OTC Clear), The London Metal Exchange (LME), LME Clear Limited (LME Clear), Qianhai Mercantile Exchange Co., Ltd. (QME), BayConnect Technology Company Limited (BayConnect) and other subsidiaries

Analysis of Results and Business Update by Operating Segment

	Q1 2024				Q1 2023			
	Revenue and other income \$m	Transaction-related expenses \$m	Revenue and other income less transaction-related expenses \$m	EBITDA \$m	Revenue and other income \$m	Transaction-related expenses \$m	Revenue and other income less transaction-related expenses \$m	EBITDA \$m
Results by segment:								
Cash	1,881	(2)	1,879	1,582	2,127	(3)	2,124	1,853
Equity and Financial								
Derivatives	1,572	(83)	1,489	1,276	1,860	(43)	1,817	1,595
Commodities	673	-	673	363	506	-	506	215
Data and								
Connectivity	523	-	523	420	505	-	505	397
Corporate Items	552	-	552	64	560	-	560	149
	5,201	(85)	5,116	3,705	5,558	(46)	5,512	4,209

Cash Segment

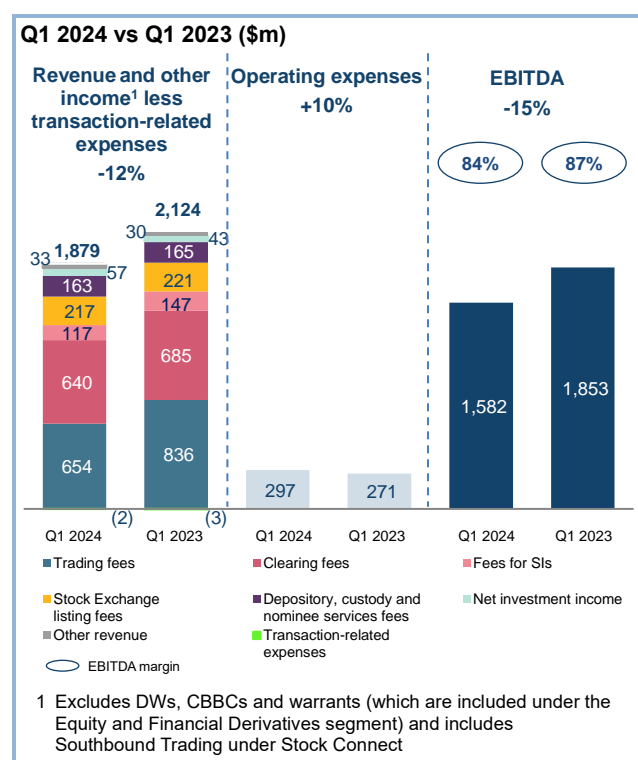
Analysis of Results

Revenue and other income, less transaction-related expenses, was down 12 per cent and EBITDA was down 15 per cent compared with Q1 2023, mainly due to the decrease in ADT of equity products traded.

Trading fees of equity products for Q1 2024 were \$654 million, a 22 per cent decrease compared with Q1 2023, in line with the decrease in ADT of equity products traded. Included in the fees were Northbound Stock Connect fees of \$111 million (Q1 2023: \$126 million) and Southbound Stock Connect fees of \$46 million (Q1 2023: \$56 million). Despite a 37 per cent increase in ADT, Northbound Stock Connect fees decreased by \$15 million due to a 30 per cent reduction in A-share trading fees effective 28 August 2023, as well as the depreciation of the RMB.

Clearing fees and fees for Settlement Instructions (SIs) for equity products decreased by 7 per cent and 20 per cent respectively, primarily due to lower fees from the lower number of transactions. The decrease in clearing fees was partly offset by higher clearing fees from Northbound Stock Connect of \$222 million (Q1 2023: \$182 million), attributable to higher Northbound ADT.

Operating expenses increased by 10 per cent mainly due to higher allocated costs of the Listing Division: this reflected a lower percentage decrease in listing fees of the Cash segment (2 per cent) from fewer forfeitures of initial public offerings (IPOs), compared with the decrease in listing fees of the Equity and Financial Derivatives segment (25 per cent) attributable to lower number of newly listed derivative warrants (DWs) and callable bull/bear contracts (CBBCs).



Business Update

Geopolitical tensions and macroeconomic volatility continued to challenge market sentiment in Q1 2024, with Headline ADT of \$99.4 billion, down by 22 per cent compared with Q1 2023.

Stock Connect operated smoothly during Q1 2024, with Northbound and Southbound ADT of RMB133.0 billion and \$31.0 billion respectively, generating revenue and other income of \$585 million (Q1 2023: \$564 million), of which \$425 million (Q1 2023: \$411 million) arose from trading and clearing activities. Driven by the expansion of eligible stocks under the Stock Connect programme with over 1,000 additional stocks eligible for Northbound Trading since March 2023, Northbound ADT recorded a year-on-year increase of 37 per cent.

HKEX introduced the Self-Match Prevention (SMP) service in the Securities Market in Q1 2024, and can be used by market participants to avoid unintentional self-trades. This demonstrates HKEX's commitment to enhancing market integrity and to encourage the use of diverse trading strategies to build a more resilient ecosystem.

The consultation period of Severe Weather Trading of Hong Kong Securities and Derivatives Markets ended on 26 January 2024. HKEX is in the process of consolidating the feedback it received from a wide range of respondents, with the aim to publish the consultation conclusions by mid-2024.

During Q1 2024, HKEX welcomed 12 new listings raising \$4.8 billion, down 28 per cent compared with Q1 2023. Listings in Q1 2024 covered a diverse portfolio of innovative companies and technology related industries. The initial public offering (IPO) pipeline remained healthy with 85 active applications as at 31 March 2024.

During Q1 2024, ADT of HKEX's Exchange Traded Products³ (ETPs) was \$13.3 billion, an 8 per cent decrease compared with Q1 2023, reflecting the resilience of the ETP market, while major indices in Hong Kong experienced a more substantial decline during the same period. The Hong Kong ETP product suite continued to expand, with seven new products in Q1 2024, including the first batch of Covered Call ETFs. These additions further enriched HKEX's product diversity, providing investors with more investment choices and reinforcing Hong Kong's role as Asia's ETF marketplace.

Key Market Indicators	Q1	
	2024	2023
ADT of equity products traded on the Stock Exchange ^{1,2} (\$bn)	89.1	114.7
ADT of Northbound Trading – Shanghai-Hong Kong Stock Connect ² (RMBbn)	64.4⁴	43.9
ADT of Northbound Trading – Shenzhen-Hong Kong Stock Connect ² (RMBbn)	68.6	53.1
ADT of Southbound Trading – Shanghai-Hong Kong Stock Connect ² (\$bn)	17.5	18.0
ADT of Southbound Trading – Shenzhen-Hong Kong Stock Connect ² (\$bn)	13.5	19.5
ADT of Northbound Bond Connect (RMBbn)	45.2⁴	37.0
Average daily number of trades of equity products traded on the Stock Exchange ^{1,2} ('000)	1,697	1,873
Average value per trade of equity products traded on the Stock Exchange (\$'000)	52.5	61.2
Average daily value of SIs for Stock Exchange trades (\$bn)	194.3	281.5
Average daily number of SIs for Stock Exchange trades ('000)	95	108
Average value per SI for Stock Exchange trades (\$'000)	2,055	2,602
Average daily value of SIs for Northbound Trading of Stock Connect (RMBbn)	23.6	26.3
Number of newly listed companies on the Main Board ³	12	18
Number of newly listed companies on GEM	-	-
Total equity funds raised		
- IPOs (\$bn)	4.8	6.7
- Post-IPO (\$bn)	25.6	27.0
Portfolio values of Northbound Trading of Stock Connect at 31 Mar (RMBbn)	2,125	2,519
Portfolio values of Southbound Trading of Stock Connect at 31 Mar (\$bn)	2,373	2,411
Number of companies listed on the Main Board at 31 Mar	2,285	2,265
Number of companies listed on GEM at 31 Mar	326	338
Number of trading days	61	61
1 Excludes DWs, CBBCs and warrants (which are included under the Equity and Financial Derivatives segment) and includes ADT of Southbound Trading under Stock Connect		
2 Includes buy and sell trades under Stock Connect		
3 No transfer from GEM during Q1 2024 (Q1 2023: nil)		
4 New record quarterly high		

3 Include Exchange Traded Funds (ETFs) and Leveraged and Inverse Products (L&I Products)

As at 31 March 2024, there were 8 Southbound ETFs and 141 Northbound ETFs included in Stock Connect. ADT for Southbound ETFs during Q1 2024 was \$1.7 billion, and ADT for Northbound ETFs reached a quarterly record high of RMB1.1 billion in Q1 2024 and a new daily record high of RMB3.2 billion on 7 February 2024.

Northbound Bond Connect trading activity continued its overall growth momentum in Q1 2024, with ADT reaching a record quarterly high of RMB45.2 billion, representing a growth of 22 per cent year-on-year. In addition, the ADT in January 2024 reached a monthly record high of RMB48.7 billion, with net inflows also recording a monthly record high during the month, at RMB141.7 billion.

The Hong Kong listed bond market was steady in Q1 2024, with 80 new debt securities listed on the Stock Exchange, raising more than \$134 billion. Among these were 24 ESG-related bond listings, raising a total of \$34 billion. The total number of listed bonds reached 1,608 as at 31 March 2024, with their total amount outstanding exceeding \$5.3 trillion.

In Q1 2024, HKEX continued its efforts to promote transparency and a strong compliance culture across the business and its markets, with several initiatives, including:

Key initiatives on promoting market surveillance and compliance in Q1 2024

- Concluded the 2023 Annual Attestation and Inspection Programme, including completion of inspections of selected Exchange and Clearing Participants and review of their compliance questionnaires (700+ in total). The results and findings were announced to the market in April 2024.
 - Introduced enhancements to the surveillance system (including the implementation of new surveillance alerts and reports), and established application guidelines and requirements to strengthen the overall surveillance capabilities in supporting the launch of SMP in the Cash Market.
-

On 12 April 2024, the Stock Exchange published consultation conclusions on Proposed Amendments to Listing Rules Relating to Treasury Shares to introduce a new treasury share regime giving issuers greater flexibility in managing capital structure through share buy-back and resale of treasury shares. The Rule amendments will take effect on 11 June 2024.

On 19 April 2024, the Stock Exchange published consultation conclusions on Enhancement of Climate-related Disclosures under the Environmental, Social and Governance Framework to enhance climate disclosures requirements based on IFRS S2 Climate-related Disclosures Standard⁴. In addition, the Stock Exchange published an implementation guidance containing references to IFRS S1 General Requirements for Disclosure of Sustainability-related Financial Information Standard⁴. The Rule amendments will take effect on 1 January 2025 with a phased approach.

During Q1 2024, the Stock Exchange published a “Review of Issuers’ Annual Reports 2023” on the findings and recommendations from the review of issuers’ annual reports for the 2022 financial year end, providing recommendations in financial reporting and controls, material lending transactions, financial statement disclosure and compliance with annual report disclosure requirements.

4 Published by the International Sustainability Standards Board of the IFRS Foundation

Equity and Financial Derivatives Segment

Analysis of Results

Revenue and other income, less transaction-related expenses, was down 18 per cent; and EBITDA was down 20 per cent compared with Q1 2023, mainly attributable to the decrease in the net investment income of Margin Funds from reduced fund size.

Trading fees of DWs, CBBCs and warrants were down 21 per cent compared with Q1 2023, in line with the decrease in ADT.

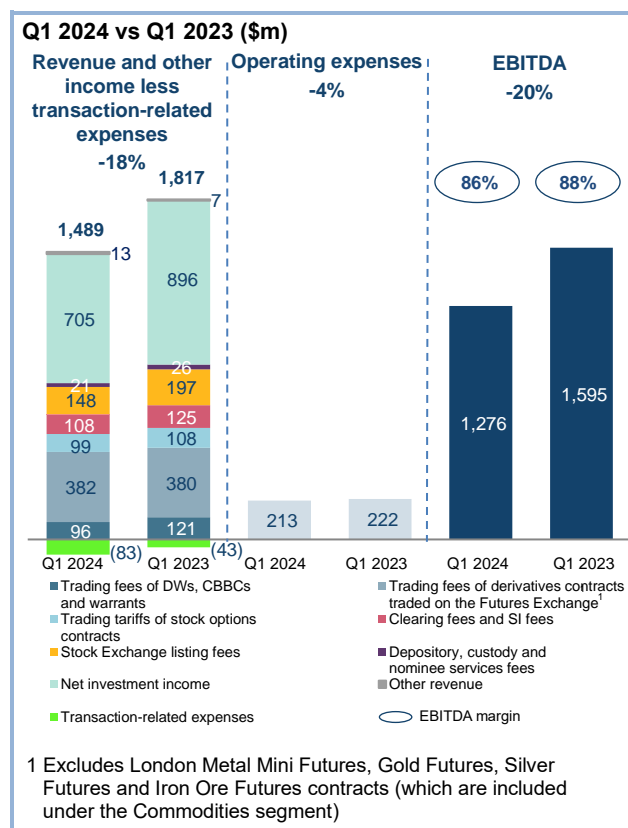
Futures Exchange derivatives trading fees⁵ increased by \$2 million, or 1 per cent. The positive impact from a higher number of derivatives contracts traded was mostly offset by lower average fees per contract in Q1 2024, attributable to higher discounts and rebates offered for certain contracts to attract volumes, and the increased popularity of lower-fee products such as Hang Seng TECH Index Futures.

Stock Exchange listing fees decreased by 25 per cent due to a decrease in the number of newly listed DWs and CBBCs compared with Q1 2023.

Net investment income decreased by \$191 million compared with Q1 2023, mainly attributable to a lower average Margin Fund size in Q1 2024.

Transaction-related expenses increased by \$40 million or 93 per cent, as higher incentives were paid for certain contracts to attract volume.

Operating expenses decreased by 4 per cent due to lower allocated costs of the Listing Division from a higher percentage decrease in listing fees (25 per cent) compared with the Cash segment (2 per cent).



⁵ Excludes London Metal Mini Futures, Gold Futures, Silver Futures and Iron Ore Futures contracts (which are included under the Commodities segment)

Business Update

The Hong Kong Derivatives Market sustained its growth trajectory in Q1 2024, with ADV of derivatives contracts traded on HKFE reaching a record quarterly high of 855,368⁵ contracts, 14 per cent higher than Q1 2023. RMB currency futures, Hang Seng TECH Index Futures and Hang Seng China Enterprises Index (HSCEI) Futures were the major contributors for the growth in Q1 2024.

A number of futures and options contracts reached single-day records in volume and open interest (OI) during the period:

	Single-day Trading Volume	
	Date (2024)	Number of contracts
Hang Seng TECH Index Options	17 Jan	9,077
RMB Currency Futures – USD/CNH Futures	22 Mar	163,582
INR Currency Futures – INR/USD Futures	16 Feb	6,877
MSCI India Net Total Return (USD) Index Futures	5 Mar	4,067
MSCI India (USD) Index Futures	23 Jan	14,973

	Open Interest	
	Date (2024)	Number of contracts
Hang Seng TECH Index Futures Options	14 Mar	119,381
Hang Seng TECH Index Options	27 Feb	77,275
Weekly HSCEI Options	8 Mar	17,410
Mini Hang Seng Index Futures	23 Jan	35,820
MSCI India Net Total Return (USD) Index Futures	15 Mar	12,042
MSCI Indonesia Net Total Return (USD) Index Futures	13 Mar	15,505

Hang Seng TECH Index Futures and Options continued to trade actively in Q1 2024, with an aggregate ADV of 127,796 contracts, up 25 per cent on Q1 2023. Hang Seng TECH Index Options achieved a daily record high of 9,077 contracts on 17 January 2024 and the OI of the contract reached a daily record high of 77,275 contracts on 27 February 2024.

Physically-settled Options on Futures contracts sustained its growth momentum during Q1 2024. The aggregate ADV of the three products in the suite, namely Hang Seng Index Futures Options, HSCEI Futures Options and Hang Seng TECH Index Futures Options, was 49,127 contracts in Q1 2024, up 16 per cent on Q1 2023. In particular, Hang Seng TECH Index Futures Options posted several new daily records during Q1 2024. The aggregate OI of the three products was 841,134 contracts as at 31 March 2024, 6 per cent higher than 31 December 2023.

Key Market Indicators	Q1	
	2024	2023
ADT of DWs, CBBCs and warrants traded on the Stock Exchange (\$bn)	10.3	13.1
Average daily number of trades of DWs, CBBCs and warrants traded on the Stock Exchange ('000)	230	357
ADV of derivatives contracts traded on the Futures Exchange ¹ ('000 contracts)	855³	753
ADV of stock options contracts traded on the Stock Exchange ('000 contracts)	645	665
Number of newly listed DWs	1,622	2,505
Number of newly listed CBBCs	5,882	6,913
Total notional values of newly listed securities:		
- DWs (\$bn)	27.1	43.2
- CBBCs (\$bn)	220.3	263.5
ADV of contracts traded during After-Hours Trading (AHT) ¹ ('000 contracts)	99	92
Number of trading days ²	61	61
	At	At
	31 Mar 2024	31 Mar 2023
Open interest of futures and options contracts ¹ ('000 contracts)	12,386	13,688
1 Excludes London Metal Mini Futures, Gold Futures, Silver Futures and Iron Ore Futures contracts (which are included under the Commodities segment)		
2 Excludes 3 holiday trading days (Q1 2023: 3)		
3 New record quarterly high		

MSCI index derivatives strengthened in Q1 2024, with the notional values of OI of the MSCI Net Total Return Suite reaching a record high of USD4.6 billion on 15 March 2024. In addition, ADV of MSCI China A 50 Connect (USD) Index Futures reached 18,639 contracts, nearly double that of Q1 2023.

Short-dated index options, namely Weekly Hang Seng Index Options and Weekly HSCEI Options, continued to gain traction in Q1 2024. The aggregate ADV of the two Weekly index options products was 18,761 contracts in Q1 2024, up 14 per cent compared with Q1 2023.

The growth trajectory of the USD/CNH Futures market, which started in 2H 2023, continued in Q1 2024, with ADV reaching 74,505 contracts, more than six times that of Q1 2023 and up 7 per cent against Q4 2023. Starting from 29 March 2024, all currency futures and options contracts have been included in Derivatives Holiday Trading, supporting investors' foreign exchange risk management needs during Hong Kong holidays.

In March 2024, HKEX welcomed the 19th issuer joining Hong Kong's dynamic structured products market, providing a wider selection of products and brands for investors to manage their risk exposures.

Swap Connect continued its growth momentum, with the clearing volume reaching a new quarterly record high since its launch in May 2023. Enhanced services were rolled out in Q1 2024 to streamline the clearing process, and OTC Clear has been working with its onshore counterparts to enhance Swap Connect products and services. With significant contribution from Swap Connect, OTC Clear's clearing volume reached a record quarterly high of US\$196.2 billion in Q1 2024, up 152 per cent compared with Q1 2023.

The system development for the enhancements of SMP in the Derivatives Market has been completed in Q1 2024. To facilitate Exchange Participants' preparation for the enhancement, testing environment has been made available starting from 2 April 2024. Subject to market readiness and regulatory approval, the target rollout date of the enhancement will be in June 2024.

Commodities Segment

Analysis of Results

Revenue and other income was up 33 per cent and EBITDA was up 69 per cent compared with Q1 2023, due to higher trading and clearing fees.

LME trading fees and LME Clear clearing fees increased by 40 per cent and 39 per cent respectively, attributable to a 31 per cent increase in chargeable ADV of metal contracts traded, and the increase in trading and clearing fee tariff effective 1 January 2024.

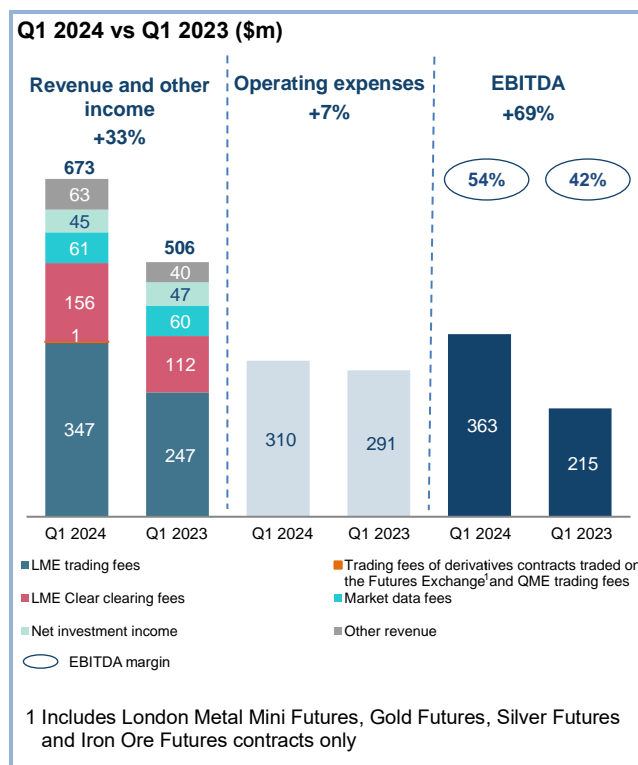
Other revenue increased by \$23 million, mainly due to higher accommodation income collected from LME Clear Clearing Participants (CPs) on non-cash collateral, and higher LME financial over-the-counter booking fees.

Operating expenses rose by 7 per cent, attributable to higher staff costs from increased headcount and inflationary adjustments; partly offset by lower legal and professional fees incurred for the incident relating to the temporary trading suspension of the nickel market in March 2022.

Business Update

On 15 January 2024, the LME published an update on its responsible sourcing programme for LME-listed brands. The programme aims to ensure that the supply chains of brands traded on the LME respect human rights and do not contribute to conflict financing or corruption. As of 15 January 2024, 90 per cent of LME-listed brands have submitted appropriate compliance information, and the remaining 10 per cent would be suspended until they could comply with the requirements. The LME expects that a proportion of the suspended brands will be able to re-list in due course.

In Q1 2024, two new nickel brands were listed on the LME through the fast-track listing approach, further facilitating the building of liquidity in nickel contracts and making the contracts even more representative of global nickel production.



Key Market Indicators

	Q1	
	2024 '000 lots	2023 '000 lots
ADV of metals contracts traded on the LME		
- Aluminium	260	201
- Copper	150	133
- Zinc	103	77
- Lead	74	50
- Nickel	61	35
- Others	11	7
Total chargeable ADV excluding Admin Trades ¹	659	503
Chargeable Admin Trades ¹	37	28
Total ADV	696	531
Number of trading days	63	64
	At 31 Mar 2024 '000 lots	At 31 Mar 2023 '000 lots
Total futures market open interest	1,913	1,581

¹ Admin Trades are chargeable at a lower trading fee rate of US\$0.04 and clearing fee rate of US\$0.02 per contract

On 5 March 2024, the LME set out its position on “green” nickel, and its proposed solution for establishing sustainability-related pricing differentials. The LME also outlined its broader efforts in driving improvement in sustainability practices across the industry and encouraged its market participants to share their views on the topic.

On 6 March 2024, the LME announced a new organisational design, introducing three focused business lines – Sustainability & Physical Markets, Market Data and Trading. The changes aim to enhance LME’s transparency, accountability, operational resilience and effectiveness. The LME and LME Clear are now working on a target operating model which will be implemented during 2024.

Additionally, the LME implemented a new Closing Price methodology for five major contracts during Q1 2024, bringing greater determinism, transparency and standardisation to the Closing Price discovery process.

On 19 March 2024, the LME announced its intention to list Jeddah as a new delivery point for copper and zinc, subject to a consultation on the LME’s warehouse location framework. The listing of Jeddah demonstrates the LME’s commitment to evolve the LME warehouse network, providing maximum global connectivity for the international metals community.

QME’s trading turnover amounted to RMB46.1 billion in Q1 2024, up 170 per cent compared with Q1 2023. QME will continue to work on its soybean initiatives, including promoting the bonded trading warehouse business.

Data and Connectivity Segment

Analysis of Results

Revenue and other income was up 4 per cent and EBITDA was up 6 per cent compared with Q1 2023.

Network fees rose by 5 per cent due to increased fees from the sale of new throttles.

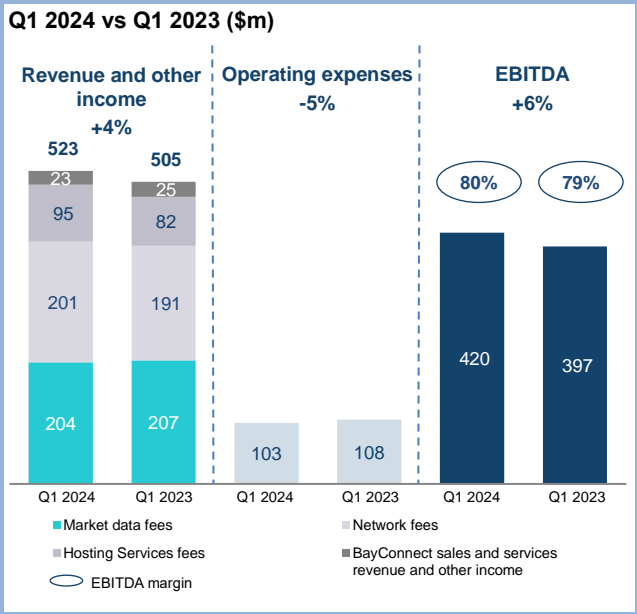
Hosting Services fees increased by 16 per cent due to growth in both new customer subscriptions and increased usage by existing customers.

Business Update

The Market Data Fees Pilot Programme, including Enterprise data package and Level 1 Mobile Application Services fee reduction rolled out in December 2023, has been well received by market. That reflects our efforts in supporting the retail investors in accessing securities market data, with an aim to facilitate retail participation in Hong Kong market.

HKEX rolled out four market data programmes as permanent packages in the Mainland China market with effect from 1 April 2024. These packages offer fixed fee model or discounted data fees on real-time securities streaming data for Mainland subscribers, supporting the growth of Stock Connect, and providing market data vendors greater certainty to plan for their long-term business development.

During Q1 2024, all HKEX’s major trading, clearing, settlement and market data dissemination systems for the Cash, Derivatives, Commodities and OTC Markets continued to perform robustly.



Corporate Items

Analysis of Results

	Q1 2024 \$m	Q1 2023 \$m
Net investment income	535	549
Donation income of HKEX Foundation	9	5
Others	8	6
Total revenue and other income	552	560
Operating expenses:		
- HKEX Foundation charitable donations	(6)	(27)
- Others	(482)	(384)
EBITDA	64	149

The analysis of net investment income of Corporate Funds is as follows:

	Q1 2024 \$m	Q1 2023 \$m
Net investment income/(loss) from:		
- External Portfolio	169	195
- Cash and bank deposits (including foreign exchange swaps)	337	308
- Equity securities ¹	(4)	3
- Debt securities	26	9
- Exchange gains	7	34
Total net investment income	535	549
Average fund size (\$bn)	34.7	34.8
Annualised net investment return	6.16%	6.31%

¹ Investments in minority stakes of unlisted companies

Net investment income of Corporate Funds was \$535 million, 3 per cent lower than Q1 2023, due to lower net fair value gains on the External Portfolio in Q1 2024.

The fair value gains/(losses) on the External Portfolio came from funds invested in the following strategies:

Strategy	Q1 2024 \$m	Q1 2023 \$m
Diversifiers	101	84
Government Bonds and Mortgage-backed Securities	(11)	46
Public Equities	79	65
Total fair value gains	169	195

As at 31 March 2024, the amount invested in the External Portfolio was \$6.9 billion. Further details of the amount invested in the External Portfolio are as follows:

Strategy	At 31 Mar 2024 \$m	At 31 Dec 2023 \$m	Change
Diversifiers	4,190	4,096	2%
Government Bonds and Mortgage-backed Securities	1,589	1,401	13%
Public Equities	1,117	1,071	4%
Total	6,896	6,568	5%

Excluding HKEX Foundation charitable donation expenses, operating expenses increased by \$98 million against Q1 2023 due to higher staff costs from payroll adjustments, increased headcount for strategic initiatives and one-off retirement benefits payable to senior management, and higher IT and maintenance costs on new or upgraded systems and inflationary adjustments on contract renewals.

Business Update

In Q1 2024, HKEX continued to play an active role in shaping the long-term sustainability of global financial markets and communities they support. As a market regulator, exchange operator and corporate, HKEX continued to focus on promoting good corporate governance and ESG stewardship through market education and industry knowledge sharing, facilitating a sustainable finance ecosystem through its platforms, and demonstrating leadership on best practices. As part of its commitment to diversity, HKEX once again supported the global UN-backed⁶ Ring the Bell for Gender Equality campaign through hosting a gong-strike ceremony, joining stock exchanges around the world to mark the International Women's Day.

HKEX Foundation, the Group's dedicated charitable channel, continued to bring positive change to the community through a range of impactful programmes. Through the HKEX Foundation, the Group announced the list of funded projects under the HKEX Impact Funding Scheme 2023, supporting charitable organisations to deliver innovative solutions focusing on financial literacy, diversity and inclusion, poverty relief and environmental sustainability.

FINANCIAL REVIEW

Net Investment Income of Margin Funds and Clearing House Funds

Net investment income of Margin Funds and Clearing House Funds decreased by \$179 million compared with Q1 2023, reflecting a lower average Margin Fund size in Q1 2024 due to reduced contributions required from HKCC and LME Clear CPs from lower margin requirements from lower contract prices.

⁶ United Nations - backed

Further analysis on net investment income of Margin Funds and Clearing House Funds is set out below:

	Q1 2024				Total \$m
	HK Clearing Houses		LME Clear		
	Margin Funds \$m	Clearing House Funds \$m	Margin Funds \$m	Clearing House Funds \$m	
Net investment income/(loss) from:					
- Cash and bank deposits (including foreign exchange swaps)	608	80	36	4	728
- Debt securities	50	25	4	1	80
- Exchange losses	(1)	-	-	-	(1)
Total net investment income	657	105	40	5	807
Average fund size (\$bn)	99.1	14.6	63.2	7.7	184.6
Annualised net investment return	2.65%	2.88%	0.25%	0.26%	1.75%

	Q1 2023				Total \$m
	HK Clearing Houses		LME Clear		
	Margin Funds \$m	Clearing House Funds \$m	Margin Funds \$m	Clearing House Funds \$m	
Net investment income from:					
- Cash and bank deposits	821	50	39	6	916
- Debt securities	41	23	2	-	66
- Exchange gains	4	-	-	-	4
Total net investment income	866	73	41	6	986
Average fund size (\$bn)	121.7	10.5	103.7	11.8	247.7
Annualised net investment return	2.85%	2.77%	0.16%	0.20%	1.59%

Net investment income of Margin Funds and Clearing House Funds is allocated to the following segments:

	Q1 2024 \$m	Q1 2023 \$m
Cash	57	43
Equity and Financial Derivatives	705	896
Commodities	45	47
Total net investment income	807	986

Financial Assets and Financial Liabilities of Margin Funds and Clearing House Funds

Margin Fund deposits of \$186.5 billion at 31 March 2024 were \$10.3 billion higher than 31 December 2023 (\$176.2 billion). This was attributable to increase in excess collateral placed by HKCC CPs and higher contributions from HKSCC CPs arising from increased Stock Connect Northbound Trading volume. Clearing House Fund contributions of \$19.9 billion at 31 March 2024 were \$2.1 billion lower than 31 December 2023 (\$22.0 billion), primarily due to reduced contributions from HKCC CPs in response to changes in risk exposures. Funds received were invested in cash and cash equivalents and financial assets.

Capital Expenditure and Commitments

During Q1 2024, the Group incurred capital expenditure⁷ of \$278 million (Q1 2023: \$240 million), mainly related to the development and upgrade of various trading and clearing systems (notably trading and clearing systems for Commodities Market). The Group's capital expenditure commitments at 31 March 2024, including those authorised by the Board but not yet contracted for, amounted to \$1,434 million (31 December 2023: \$1,555 million). They were mainly related to the development and upgrade of IT systems including the cash, derivatives and commodities trading and clearing systems (notably the new trading systems for the Derivatives Market).

Contingent Liabilities and Contingent Assets

The LME and LME Clear were named as defendants in two judicial review claims filed in the English High Court (the Court) in 2022 (the Proceedings) and three related claims filed in the Court in 2023. The total claims amount to approximately US\$600 million.

The Proceedings sought to challenge the LME's decision to cancel the claimants' alleged trades in nickel contracts executed on or after 00:00 UK time on 8 March 2022. The claimants have alleged that this was unlawful on public law grounds and/or constituted a violation of their human rights.

On 29 November 2023, the Court gave judgment in the LME and LME Clear's favour on all grounds, and ordered the claimants to pay the LME and LME Clear's costs of the Proceedings, which are to be assessed by the Court if not agreed with the claimants.

One of the claimants has sought and been granted permission to appeal. The appeal has been scheduled to be heard by the Court of Appeal during 2024. The LME management is of the view that the appeal is without merit and LME and LME Clear will contest it vigorously.

The three related claims issued in March 2023 remain stayed, pending the final determination of the Proceedings. The limitation period for similar damages claims under the Human Rights Act has now expired.

In light of the judgement of the Court, no provision has been made in the condensed consolidated financial statements of the Group.

The Group has not recognised any recovery of costs of the Proceedings as receivables in the condensed consolidated financial statements as the amount is still subject to negotiation with the claimants.

Subsequent to period end in April 2024, the Court ordered the claimants to make an interim payment of GBP5 million to the LME and LME Clear to cover part of their costs of the Proceedings. The final amount with respect to recovery of costs will be assessed by the Court if not agreed with the claimants following the conclusion of the appeal.

⁷ Exclude right-of-use assets recognised under HKFRS 16: Leases

Pledges of Assets

LME Clear receives securities and gold bullion as non-cash collateral for margins posted by its CPs. The total fair value of this non-cash collateral was US\$3,270 million (HK\$25,592 million) at 31 March 2024 (31 December 2023: US\$3,748 million (HK\$29,266 million)). LME Clear is obliged to return this non-cash collateral upon request when the CPs' collateral obligations have been substituted with cash collateral or otherwise discharged. LME Clear is permitted to sell or pledge such collateral in the event of the default of a CP. Any non-cash collateral lodged at central securities depositories or custodians is subject to a lien or pledge for the services they provide in respect of the collateral held.

LME Clear also holds securities as collateral in respect of its investments in overnight triparty reverse repurchase agreements under which it is obliged to return equivalent securities to the counterparties at maturity of the reverse repurchase agreements. The fair value of this collateral was US\$9,087 million (HK\$71,119 million) at 31 March 2024 (31 December 2023: US\$9,095 million (HK\$71,019 million)). Such non-cash collateral, together with certain financial assets amounting to US\$934 million (HK\$7,310 million) at 31 March 2024 (31 December 2023: US\$1,102 million (HK\$8,604 million)), have been pledged to LME Clear's investment agents and custodian banks under security arrangements for the settlement and depository services they provide in respect of the collateral and investments held.

Non-cash collateral is not recorded in the condensed consolidated statement of financial position of the Group.

Changes since 31 December 2023

There were no other significant changes in the Group's financial position, or from the information disclosed under Management Discussion and Analysis in the annual report for the year ended 31 December 2023.

It is the Group's practice to declare a dividend only at the half-year and year-end and no dividend will be proposed for Q1 2024 (Q1 2023: \$Nil).

Review of Financial Statements

The Audit Committee has reviewed the Group's Unaudited Condensed Consolidated Financial Statements for Q1 2024.

CONDENSED CONSOLIDATED INCOME STATEMENT (UNAUDITED)

	Three months ended 31 Mar 2024 \$m	Three months ended 31 Mar 2023 \$m
Trading fees and trading tariffs	1,579	1,692
Clearing and settlement fees	1,021	1,069
Stock Exchange listing fees	365	418
Depository, custody and nominee services fees	184	191
Market data fees	265	267
Other revenue	433	378
Revenue	3,847	4,015
Net investment income	1,342	1,535
Donation income of HKEX Foundation	9	5
Sundry income	3	3
Revenue and other income	5,201	5,558
Less: Transaction-related expenses	(85)	(46)
Revenue and other income less transaction-related expenses	5,116	5,512
Operating expenses		
Staff costs and related expenses	(1,008)	(870)
Information technology and computer maintenance expenses	(205)	(189)
Premises expenses	(30)	(31)
Product marketing and promotion expenses	(27)	(25)
Professional fees	(45)	(68)
HKEX Foundation charitable donations	(6)	(27)
Other operating expenses	(90)	(93)
	(1,411)	(1,303)
EBITDA (non-HKFRS measure)	3,705	4,209
Depreciation and amortisation	(345)	(365)
Operating profit	3,360	3,844
Finance costs	(30)	(35)
Share of profits less losses of joint ventures	26	20
Profit before taxation	3,356	3,829
Taxation	(355)	(393)
Profit for the period	3,001	3,436
Profit attributable to:		
Shareholders of HKEX	2,970	3,408
Non-controlling interests	31	28
Profit for the period	3,001	3,436
Basic earnings per share	\$2.35	\$2.69
Diluted earnings per share	\$2.34	\$2.69

CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME (UNAUDITED)

	Three months ended 31 Mar 2024 \$m	Three months ended 31 Mar 2023 \$m
Profit for the period	3,001	3,436
Other comprehensive income		
Items that may be reclassified subsequently to profit or loss:		
Currency translation differences of foreign subsidiaries	26	99
Cash flow hedges, net of tax	(4)	11
Changes in fair value of financial assets measured at fair value through other comprehensive income, net of tax	(30)	77
Other comprehensive (loss)/income	(8)	187
Total comprehensive income	2,993	3,623
Total comprehensive income attributable to:		
Shareholders of HKEX	2,963	3,593
Non-controlling interests	30	30
Total comprehensive income	2,993	3,623

CONDENSED CONSOLIDATED STATEMENT OF FINANCIAL POSITION (UNAUDITED)

	At 31 Mar 2024			At 31 Dec 2023		
	Current \$m	Non-current \$m	Total \$m	Current \$m	Non-current \$m	Total \$m
Assets						
Cash and cash equivalents	135,899	-	135,899	125,107	-	125,107
Financial assets measured at fair value through profit or loss	6,678	606	7,284	6,357	604	6,961
Financial assets measured at fair value through other comprehensive income	21,727	-	21,727	18,250	-	18,250
Financial assets measured at amortised cost	63,688	1,686	65,374	74,984	1,665	76,649
Derivative financial instruments	56,689	-	56,689	58,127	-	58,127
Accounts receivable, prepayments and deposits	30,171	19	30,190	33,313	19	33,332
Tax recoverable	51	-	51	64	-	64
Interests in joint ventures	-	378	378	-	352	352
Goodwill and other intangible assets	-	19,369	19,369	-	19,279	19,279
Fixed assets	-	1,502	1,502	-	1,553	1,553
Right-of-use assets	-	1,443	1,443	-	1,484	1,484
Deferred tax assets	-	26	26	-	21	21
Total assets	314,903	25,029	339,932	316,202	24,977	341,179
Liabilities and equity						
Liabilities						
Derivative financial instruments	56,709	-	56,709	58,100	-	58,100
Margin deposits, Mainland security and settlement deposits, and cash collateral from Participants	186,471	-	186,471	176,165	-	176,165
Accounts payable, accruals and other liabilities	21,066	-	21,066	27,849	-	27,849
Deferred revenue	915	304	1,219	1,060	307	1,367
Taxation payable	525	-	525	639	-	639
Other financial liabilities	830	-	830	29	-	29
Participants' contributions to Clearing House Funds	19,906	-	19,906	21,955	-	21,955
Lease liabilities	270	1,289	1,559	270	1,334	1,604
Borrowings	382	66	448	382	65	447
Provisions	88	108	196	62	113	175
Deferred tax liabilities	-	1,046	1,046	-	1,053	1,053
Total liabilities	287,162	2,813	289,975	286,511	2,872	289,383
Equity						
Share capital			31,946			31,946
Shares held for Share Award Scheme			(1,008)			(1,009)
Employee share-based compensation reserve			485			373
Hedging and revaluation reserves			(178)			(144)
Exchange reserve			(141)			(168)
Designated reserves			1,115			1,018
Reserve relating to written put options to non-controlling interests			(395)			(395)
Retained earnings			17,651			19,723
Equity attributable to shareholders of HKEX			49,475			51,344
Non-controlling interests			482			452
Total equity			49,957			51,796
Total liabilities and equity			339,932			341,179
Net current assets			27,741			29,691

NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

1. Basis of Preparation and Accounting Policies

Except as described below, the accounting policies and methods of computation used in the preparation of these unaudited condensed consolidated financial statements are consistent with those used in the annual consolidated financial statements for the year ended 31 December 2023.

Adoption of new/revised Hong Kong Financial Reporting Standards (HKFRSs)

In 2024, the Group has adopted the following amendments to HKFRSs which are pertinent to the Group's operations and effective for accounting periods beginning on or after 1 January 2024:

Amendments to Hong Kong Accounting Standard (HKAS) 1	Presentation of Financial Statements: Classification of Liabilities as Current or Non-current
Amendments to HKAS 1	Presentation of Financial Statements: Non-current Liabilities with Covenants

The adoption of these amendments did not have any financial impact on the Group.

During Q1 2024, the estimated useful lives of computer trading and clearing software were revised from "three to five years" to "three to ten years" to better reflect the useful life of the assets. The effect of the change in the accounting estimate in Q1 2024 was a decrease of depreciation charge of less than \$1 million.

The financial information relating to the year ended 31 December 2023 that is included in this Quarterly Results Announcement as comparative information does not constitute the statutory annual consolidated financial statements of the Company for that year but is derived from those consolidated financial statements. Further information relating to these statutory financial statements required to be disclosed in accordance with section 436 of the Hong Kong Companies Ordinance (Chapter 622) is as follows:

The Company will deliver the consolidated financial statements for the year ended 31 December 2023 to the Registrar of Companies as required by section 662(3) of, and Part 3 of Schedule 6 to, the Hong Kong Companies Ordinance (Chapter 622).

The Company's auditor has reported on those consolidated financial statements. The auditor's report was unqualified; did not include a reference to any matters to which the auditor drew attention by way of emphasis without qualifying its report; and did not contain a statement under sections 406(2), 407(2) or (3) of the Hong Kong Companies Ordinance (Chapter 622).

By Order of the Board
Hong Kong Exchanges and Clearing Limited
Timothy Tsang
Group Company Secretary

Hong Kong, 24 April 2024

As at the date of this announcement, HKEX's Board of Directors comprises 12 Independent Non-executive Directors, namely Mrs Laura May-Lung CHA (Chairman), Mr Nicholas Charles ALLEN, Mr Apurv BAGRI, Mr CHEAH Cheng Hye, Ms CHEUNG Ming Ming, Anna, Mrs CHOW WOO Mo Fong, Susan, Mr HUNG Pi Cheng, Benjamin, Ms LEUNG Nisa Bernice Wing-Yu, Mr LEUNG Pak Hon, Hugo, Mr Carlson TONG, Mr YAM Chi Kwong, Joseph and Mr ZHANG Yichen, and one Executive Director, Ms CHAN Yiting, Bonnie, who is also the Chief Executive of HKEX.

REGISTERED OFFICE OF THE ISSUER

UBS AG, London Branch
5 Broadgate
London
EC2M 2QS
United Kingdom

ISSUER'S AUDITORS

Ernst & Young Ltd
Aeschengraben 9
P.O. Box 2149 CH-4002 Basel
Switzerland

LEGAL ADVISERS

(as to Singapore law)

Allen & Gledhill LLP

One Marina Boulevard #28-00
Singapore 018989

WARRANT AGENT

The Central Depository (Pte) Limited

4 Shenton Way
#02-01 SGX Centre 2
Singapore 068807