

RISK DISCLOSURE STATEMENT (Derivatives) 風險披露聲明 (衍生工具)

RISK DISCLOSURE STATEMENT 風險披露

The brief statement is intended as a general guide to highlight some basic risks associated and does not mean to cover all of the risks and other significant aspects of trading in structured or derivative products (such as ELN, FCN, Futures and Options, Derivative warrants, Callable Bull / Bear Contracts (CBBC), Exchange Traded Funds (ETF), and Rights etc.). In consideration of the risks associated, you (being the Client and Investor of structure or derivative products), should undertake such transactions only if you understand the nature of the structure products into which you are entering and the extent of your exposure to risk. Trading structured or derivative products is not suitable for many members of the public. You should carefully consider whether trading is appropriate for you in light of your experience, objectives, financial resources and other relevant circumstances.

本聲明旨在概述買賣結構性或衍生產品(例如股票掛鈎票據、固定配息票據、衍生認股證、牛熊證、交易所買賣基金、供股等)的風險，並不涵蓋該等買賣的所有相關風險及其他重要事宜，閣下(作為結構性或衍生產品的客戶和投資者)在進行任何上述交易前，應先瞭解將訂立的合約性質(及有關的合約關係)以至於其就此合約須承擔的風險程度。結構性或衍生產品買賣對很多投資者都並不適合，閣下應就本身的投資經驗、投資目標、財政資源及其他相關條件、小心衡量自己是否適合參與該等買賣。

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General Risk 一般風險

Issuer default risk

In the event that a structured product issuer becomes insolvent and defaults on their listed securities, investors will be considered as unsecured creditors and will have no preferential claims to any assets held by the issuer. Investors should therefore pay close attention to the financial strength and credit worthiness of structured product issuers.

發行商失責風險

倘若結構性產品發行商破產而未能履行其對所發行證券的責任，投資者只被視為無抵押債權人，對發行商任何資產均無優先索償權。因此，投資者須特別留意結構性產品發行商的財力及信用。

Uncollateralized product risk

Uncollateralized structured products are not asset backed. In the event of issuer bankruptcy, investors can lose their entire investment. Investors should read the listing documents to determine if a product is uncollateralized.

非抵押產品風險

非抵押結構性產品並沒有資產擔保。倘若發行商破產，投資者可以損失其全數投資。要確定產品是否非抵押，投資者須細閱上市文件。

Gearing risk

Structured products such as derivative warrants and callable bull/bear contracts (CBBCs) are leveraged and can change in value rapidly according to the gearing ratio relative to the underlying assets. Investors should be aware that the value of a structured product may fall to zero resulting in a total loss of the initial investment.

槓桿風險

結構性產品如衍生權證及牛熊證均是槓桿產品，其價值可按相對相關資產的槓桿比率而快速改變。投資者須留意，結構性產品的價值可以跌至零，屆時當初投資的資金將會盡失。

Expiry considerations

Structured products have an expiry date after which the issue may become worthless. Investors should be aware



of the expiry time horizon and choose a product with an appropriate lifespan for their trading strategy.

有效期的考慮

結構性產品設有到期日，到期後的產品即一文不值。投資者須留意產品的到期時間，確保所選產品尚餘的有效期能配合其交易策略。

Extraordinary price movements

The price of a structured product may not match its theoretical price due to outside influences such as market supply and demand factors. As a result, actual traded prices can be higher or lower than the theoretical price.

特殊價格移動

結構性產品的價格或會因為外來因素(如市場供求)而有別於其理論價，因此實際成交價可以高過亦可以低過理論價。

Foreign exchange risk

Investors trading structured products with underlying assets not denominated in Hong Kong dollars are also exposed to exchange rate risk. Currency rate fluctuations can adversely affect the underlying asset value, also affecting the structured product price.

外匯風險

若投資者所買賣結構性產品的相關資產並非以港幣為單位，其尚要面對外匯風險。貨幣兌換率的波動可對相關資產的價值造成負面影響，連帶影響結構性產品的價格。

Liquidity risk

The Exchange requires all structured product issuers to appoint a liquidity provider for each individual issue. The role of liquidity providers is to provide two way quotes to facilitate trading of their products. In the event that a liquidity provider defaults or ceases to fulfill its role, investors may not be able to buy or sell the product until a new liquidity provider has been assigned.

流通量風險

聯交所規定所有結構性產品發行商要為每一隻個別產品委任一名流通量提供者。流通量提供者的職責在為產品提供兩邊開盤方便買賣。若有流通量提供者失責或停止履行職責，有關產品的投資者或就不能進行買賣，直至有新的流通量提供者委任出來止。

Derivative Warrants 衍生權證

Time decay risk

All things being equal, the value of a derivative warrant will decay over time as it approaches its expiry date. Derivative warrants should therefore not be viewed as long term investments.

時間損耗風險

假若其他情況不變，衍生權證愈接近到期日，價值會愈低，因此不能視為長線投資。

Volatility risk

Prices of derivative warrants can increase or decrease in line with the implied volatility of underlying asset price. Investors should be aware of the underlying asset volatility.

波幅風險



衍生權證的價格可隨相關資產價格的引申波幅而升跌，投資者須注意相關資產的波幅。

CBBC 牛熊證

Mandatory call risk

Investors trading CBBCs should be aware of their intraday “knockout” or mandatory call feature. A CBBC will cease trading when the underlying asset value equals the mandatory call price/level as stated in the listing documents. Investors will only be entitled to the residual value of the terminated CBBC as calculated by the product issuer in accordance with the listing documents. Investors should also note that the residual value can be zero.

強制收回風險

投資者買賣牛熊證，須留意牛熊證可以即日「取消」或強制收回的特色。若牛熊證的相關資產值等同上市文件所述的強制收回價/水平，牛熊證即停止買賣。屆時，投資者只能收回已停止買賣的牛熊證由產品發行商按上市文件所述計算出來的剩餘價值（注意：剩餘價值可以是零）。

Funding costs

The issue price of a CBBC includes funding costs. Funding costs are gradually reduced over time as the CBBC moves towards expiry. The longer the duration of the CBBC, the higher the total funding costs. In the event that a CBBC is called, investors will lose the funding costs for the entire lifespan of the CBBC. The formula for calculating the funding costs are stated in the listing documents.

融資成本

牛熊證的發行價已包括融資成本。融資成本會隨牛熊證接近到期日而逐漸減少。牛熊證的年期愈長，總融資成本愈高。若一天牛熊證被收回，投資者即損失牛熊證整個有效期的融資成本。融資成本的計算程式載於牛熊證的上市文件。

Exchange Traded Funds (ETF) 交易所買賣基金

Market risk

ETFs are typically designed to track the performance of certain indices, market sectors, or groups of assets such as stocks, bonds, or commodities. ETF managers may use different strategies to achieve this goal, but in general they do not have the discretion to take defensive positions in declining markets. Investors must be prepared to bear the risk of loss and volatility associated with the underlying index/assets.

市場風險

交易所買賣基金主要為追蹤某些指數、行業/領域又或資產組別(如股票、債券或商品)的表現。交易所買賣基金經理可用不同策略達至目標，但通常也不能在跌市中酌情採取防守策略。投資者必須要有因為相關指數/資產的波動而蒙受損失的準備。

Tracking errors

Tracking errors refer to the disparity in performance between an ETF and its underlying index/ assets. Tracking errors can arise due to factors such as the impact of transaction fees and expenses incurred to the ETF, changes in composition of the underlying index/assets, and the ETF manager’s replication strategy.

追蹤誤差

這是指交易所買賣基金的表現與相關指數/資產的表現脫節，原因可以來自交易所買賣基金的交易費及其他費用、相關指數/資產改變組合、交易所買賣基金經理的複製策略等等因素。



Trading at discount or premium

An ETF may be traded at a discount or premium to its Net Asset Value (NAV). This price discrepancy is caused by supply and demand factors, and may be particularly likely to emerge during periods of high market volatility and uncertainty. This phenomenon may also be observed for ETFs tracking specific markets or sectors that are subject to direct investment restrictions.

以折讓或溢價交易

交易所買賣基金的價格可能會高於或低於其資產淨值，當中主要是供求因素的問題，在市場大幅波動兼變化不定期間尤其多見，專門追蹤一些對直接投資設限的市場/行業的交易所買賣基金亦可能會有此情況。

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Foreign exchange risk

Investors trading ETFs with underlying assets not denominated in Hong Kong dollars are also exposed to exchange rate risk. Currency rate fluctuations can adversely affect the underlying asset value, also affecting the ETF price.

外匯風險

若投資者所買賣結構性產品的相關資產並非以港幣為單位，其尚要面對外匯風險。貨幣兌換率的波動可對相關資產的價值造成負面影響，連帶影響結構性產品的價格。

Liquidity risk

Securities Market Makers (SMMs) are Exchange Participants that provide liquidity to facilitate trading in ETFs. Although most ETFs are supported by one or more SMMs, there is no assurance that active trading will be maintained. In the event that the SMMs default or cease to fulfill their role, investors may not be able to buy or sell the product.

流通量風險

證券莊家是負責提供流通量、方便買賣交易所買賣基金的交易所參與者。儘管交易所買賣基金多有一個或以上的證券莊家，但若有證券莊家失責或停止履行職責，投資者或就不能進行買賣。

Counterparty risk involved in ETFs with different replication strategies

交易所買賣基金的不同複製策略涉及對手風險

Full replication and representative sampling strategies

An ETF using a full replication strategy generally aims to invest in all constituent stocks/assets in the same weightings as its benchmark. ETFs adopting a representative sampling strategy will invest in some, but not all of the relevant constituent stocks/assets. For ETFs that invest directly in the underlying assets rather than through synthetic instruments issued by third parties, counterparty risk tends to be less of concern.

完全複製及選具代表性樣本策略

採用完全複製策略的交易所買賣基金，通常是按基準的相同比重投資於所有的成份股/資產。採取選具代表性樣本策略的，則只投資於其中部分(而不是全部)的相關成份股/資產。直接投資相關資產而不經第三者所發行合成複製工具的交易所買賣基金，其交易對手風險通常不是太大問題。

Synthetic replication strategies

ETFs utilising a synthetic replication strategy use swaps or other derivative instruments to gain exposure to a benchmark. Currently, synthetic replication ETFs can be further categorized into two forms:

綜合複製策略



採用綜合複製策略的交易所買賣基金，主要透過掉期或其他衍生工具去追蹤基準的表現。現時，採取綜合複製策略的交易所買賣基金可再分為兩種：

1. Swap-based ETFs

Total return swaps allow ETF managers to replicate the benchmark performance of ETFs without purchasing the underlying assets. Swap-based ETFs are exposed to counterparty risk of the swap dealers and may suffer losses if such dealers default or fail to honor their contractual commitments.

1. 以掉期合約構成

總回報掉期(total return swaps)讓交易所買賣基金經理可以複製基金基準的表現而不用購買其相關資產。以掉期合約構成的交易所買賣基金需承受源自掉期交易商的交易對手風險。若掉期交易商失責或不能履行其合約承諾，基金或要蒙受損失。

2. Derivative embedded ETFs

ETF managers may also use other derivative instruments to synthetically replicate the economic benefit of the relevant benchmark. The derivative instruments may be issued by one or multiple issuers. Derivative embedded ETFs are subject to counterparty risk of the derivative instruments' issuers and may suffer losses if such issuers default or fail to honour their contractual commitments. Even where collateral is obtained by an ETF, it is subject to the collateral provider fulfilling its obligations. There is a further risk that when the right against the collateral is exercised, the market value of the collateral could be substantially less than the amount secured resulting in significant loss to the ETF. It is important that investors understand and critically assess the implications arising due to different ETF structures and characteristics.

2. 以衍生工具構成

交易所買賣基金經理也可以用其他衍生工具，綜合複製相關基準的經濟利益。有關衍生工具可由一個或多個發行商發行。以衍生工具構成的交易所買賣基金需承受源自發行商的交易對手風險。若發行商失責或不能履行其合約承諾，基金或要蒙受損失。交易所買賣基金即使取得抵押品，也需依靠抵押品提供者履行責任。此外，申索抵押品的權利一旦行使，抵押品的市值可以遠低於當初所得之數，令交易所買賣基金損失嚴重。投資者是否了解並能審慎評估不同的交易所買賣基金結構及特色會有何影響極為重要。投資者可於下列之香港交易所旗下證券市場上市交易所買賣基金的分類摘要。

Futures and Options 期權與期貨

Effect of “Leverage” or “Gearing”

Transactions in futures carry a high degree of risk. The amount of initial margin is small relative to the value of the futures contract so that transactions are “leveraged” or “geared”. A relatively small market movement will have a proportionately larger impact on the funds you have deposited or will have to deposit: this may work against you as well as for you. You may sustain a total loss of initial margin funds and any additional funds deposited with the firm to maintain your position. If the market moves against your position or margin levels are increased, you may be called upon to pay substantial additional funds on short notice to maintain your position. If you fail to comply with a request for additional funds within the time prescribed, your position may be liquidated at a loss and you will be liable for any resulting deficit.

“槓桿”效應

期貨交易的風險非常高。由於期貨的開倉保證金的金額較期貨合約本身的價值相對為低，因而能在期貨交易中發揮“槓桿”作用。市場輕微的波動也會對你投入或將需要投入的資金造成大比例的影響。所以，對你來說，這種槓桿作用可說是利弊參半。因此你可能會損失全部開倉保證金及為維持本身的倉盤而向有關商號存入的額外金額。若果市況不利你所持倉盤或保證金水平提高，你會遭追收保證金，須在短時間內存入額外資金以維持本身倉盤。假如你未有在指定時間內繳付額外的資金，你可能會被迫在虧蝕情況下平倉，而所有因此出現的短欠數額一概由你承擔。

Risk-reducing orders or strategies

The placing of certain orders (e.g. “stop-loss” orders, or “stop-limit” orders) which are intended to limit losses to certain amounts may not be effective because market conditions may make it impossible to execute such orders. Strategies using combinations of positions, such as “spread” and “straddle” positions may be as risky as taking simple “long” or “short” positions.



減低風險交易指示或投資策略

即使你採用某些旨在預設虧損限額的交易指示(如“止蝕”或“止蝕限價”指示)，也可能作用不大，因為市況可以令這些交易指示無法執行。至於運用不同持倉組合的策略，如“跨期”和“馬鞍式”等組合，所承擔的風險也可能與持有最基本的“長”倉或“短”倉同樣的高。

Variable degree of risk

Transactions in options carry a high degree of risk. Purchasers and sellers of options should familiarise themselves with the type of option (i.e. put or call) which they contemplate trading and the associated risks. You should calculate the extent to which the value of the options must increase for your position to become profitable, taking into account the premium and all transaction costs. The purchaser of options may offset or exercise the options or allow the options to expire. The exercise of an option results either in a cash settlement or in the purchaser acquiring or delivering the underlying interest. If the option is on a futures contract, the purchaser will acquire a futures position with associated liabilities for margin (see the section on Futures above). If the purchased options expire worthless, you will suffer a total loss of your investment which will consist of the option premium plus transaction costs. If you are contemplating purchasing deep-out-of-the-money options, you should be aware that the chance of such options becoming profitable ordinarily is remote. Selling (“writing” or “granting”) an option generally entails considerably greater risk than purchasing options. Although the premium received by the seller is fixed, the seller may sustain a loss well in excess of that amount. The seller will be liable for additional margin to maintain the position if the market moves unfavourably. The seller will also be exposed to the risk of the purchaser exercising the option and the seller will be obligated to either settle the option in cash or to acquire or deliver the underlying interest. If the option is on a futures contract, the seller will acquire a position in a futures contract with associated liabilities for margin (see the section on Futures above). If the option is “covered” by the seller holding a corresponding position in the underlying interest or a futures contract or another option, the risk may be reduced. If the option is not covered, the risk of loss can be unlimited. Certain exchanges in some jurisdictions permit deferred payment of the option premium, exposing the purchaser to liability for margin payments not exceeding the amount of the premium. The purchaser is still subject to the risk of losing the premium and transaction costs. When the option is exercised or expires, the purchaser is responsible for any unpaid premium outstanding at that time.

不同風險程度

期權交易的風險非常高。投資者不論是購入或出售期權，均應先瞭解其打算買賣的期權類別(即認沽期權或認購期權)以及相關的風險。你應計入期權金及所有交易成本，然後計算出期權價值必須增加多少才能獲利。購入期權的投資者可選擇抵銷或行使期權或任由期權到期。如果期權持有人選擇行使期權，便必須進行現金交收或購入或交付相關的資產。若購入的是期貨產品的期權，期權持有人將獲得期貨倉盤，並附帶相關的保證金責任(參閱上文“期貨”一節)。如所購入的期權在到期時已無任何價值，你將損失所有投資金額，當中包括所有的期權金及交易費用。假如你擬購入極價外期權，應注意你可以從這類期權獲利的機會極微。出售(“沽出”或“賣出”)期權承受的風險一般較買入期權高得多。賣方雖然能獲得定額期權金，但亦可能會承受遠高於該筆期權金的損失。倘若市況逆轉，期權賣方便須投入額外保證金來補倉。此外，期權賣方還需承擔買方可能會行使期權的風險，即期權賣方在期權買方行使時有責任以現金進行交收或買入或交付相關資產。若賣出的是期貨產品的期權，則期權賣方將獲得期貨倉盤及附帶的保證金責任(參閱上文“期貨”一節)。若期權賣方持有相應數量的相關資產或期貨或其他期權作“備兌”，則所承受的風險或會減少。假如有關期權並無任何“備兌”安排，虧損風險可以是無限大。某些國家的交易所允許期權買方延遲支付期權金，令買方支付保證金費用的責任不超過期權金。儘管如此，買方最終仍須承受損失期權金及交易費用的風險。在期權被行使又或到期時，買方有需要支付當時尚未繳付的期權金。

Terms and conditions of contracts

You should ask the firm with which you deal about the terms and conditions of the specific futures or options which you are trading and associated obligations (e.g. the circumstances under which you may become obliged to make or take delivery of the underlying interest of a futures contract and, in respect of options, expiration dates and restrictions on the time for exercise). Under certain circumstances the specifications of outstanding contracts (including the exercise price of an option) may be modified by the exchange or clearing house to reflect changes in the underlying interest.

合約的條款及細則

你應向替你進行交易的商號查詢所買賣的有關期貨或期權合約的條款及細則，以及有關責任(例如在什麼情況下你或會有責任就期貨合約的相關資產進行交收，或就期權而言，期權的到期日及行使的時間限制)。交易所或結算公司在某些情況下，或會修改尚未行使的合約的細則(包括期權行使價)，以反映合約的相關



資產的變化。

Suspension or restriction of trading and pricing relationships

Market conditions (e.g. illiquidity) and/or the operation of the rules of certain markets (e.g. the suspension of trading in any contract or contract month because of price limits or “circuit breakers”) may increase the risk of loss by making it difficult or impossible to effect transactions or liquidate/offset positions. If you have sold options, this may increase the risk of loss. Further, normal pricing relationships between the underlying interest and the futures, and the underlying interest and the option may not exist. This can occur when, for example, the futures contract underlying the option is subject to price limits while the option is not. The absence of an underlying reference price may make it difficult to judge “fair value”.

暫停或限制交易及價格關係

市場情況(例如市場流通量不足)及/或某些市場規則的施行(例如因價格限制或“停板”措施而暫停任何合約或合約月份的交易),都可以增加虧損風險,這是因為投資者屆時將難以或無法執行交易或平掉/抵銷倉盤。如果你賣出期權後遇到這種情況,你須承受的虧損風險可能會增加。此外,相關資產與期貨之間以及相關資產與期權之間的正常價格關係可能並不存在。例如,期貨期權所涉及的期貨合約須受價格限制所規限,但期權本身則不受其規限。缺乏相關資產參考價格會導致投資者難以判斷何謂“公平價格”。

Deposited cash and property

You should familiarise yourself with the protections given to money or other property you deposit for domestic and foreign transactions, particularly in the event of a firm insolvency or bankruptcy. The extent to which you may recover your money or property may be governed by specific legislation or local rules. In some jurisdictions, property which had been specifically identifiable as your own will be pro-rated in the same manner as cash for purposes of distribution in the event of a shortfall.

存放的款項及財產

對於因應本地或外國的交易而存放的款項或其他財產會有多少保障,尤其是遇上有關公司破產或無力償還債務的時候,閣下必須瞭解清楚。能取回多少款項或財產可能要受特別的規例或當地法例所規管。在某些地區的法例,當閣下無力償還債務的時候,被認定屬於閣下的資產也會像現金一樣按比例分配支付。

Commission and other charges

Before you begin to trade, you should obtain a clear explanation of all commission, fees and other charges for which you will be liable. These charges will affect your net profit (if any) or increase your loss.

佣金及其他收費

在開始交易之前,你先要清楚瞭解你必須繳付的所有佣金、費用或其他收費。這些費用將直接影響你可獲得的淨利潤(如有)或增加你的虧損。

Transactions in other jurisdictions

Transactions on markets in other jurisdictions, including markets formally linked to a domestic market, may expose you to additional risk. Such markets may be subject to regulation which may offer different or diminished investor protection. Before you trade you should enquire about any rules relevant to your particular transactions. Your local regulatory authority will be unable to compel the enforcement of the rules of regulatory authorities or markets in other jurisdictions where your transactions have been effected. You should ask the firm with which you deal for details about the types of redress available in both your home jurisdiction and other relevant jurisdictions before you start to trade.

在其他司法管轄區進行交易

在其他司法管轄區的市場(包括與本地市場有正式連繫的市場)進行交易,或會涉及額外的風險。根據這些市場的規例,投資者享有的保障程度可能有所不同,甚或有所下降。在進行交易前,你應先行查明有關你將進行的該項交易的所有規則。你本身所在地的監管機構,將不能迫使你已執行的交易所在地的所屬



司法管轄區的監管機構或市場執行有關的規則。有鑑於此，在進行交易之前，你應先向有關商號查詢你本身地區所屬的司法管轄區及其他司法管轄區可提供哪種補救措施及有關詳情。

Currency risks

The profit or loss in transactions in foreign currency-denominated contracts (whether they are traded in your own or another jurisdiction) will be affected by fluctuations in currency rates where there is a need to convert from the currency denomination of the contract to another currency.

貨幣風險

以外幣計算的合約買賣所帶來的利潤或招致的虧損(不論交易是否在你本身所在的司法管轄區或其他地區進行)，均會在需要將合約的單位貨幣兌換成另一種貨幣時受到匯率波動的影響。

Trading facilities

Electronic trading facilities are supported by computer-based component systems for the order-routing, execution, matching, registration or clearing of trades. As with all facilities and systems, they are vulnerable to temporary disruption or failure. Your ability to recover certain losses may be subject to limits on liability imposed by the system provider, the market, the clearing house and/or participant firms. Such limits may vary: you should ask the firm with which you deal for details in this respect.

交易設施

電子交易的設施是以電腦組成系統來進行交易指示傳遞、執行、配對、登記或交易結算。然而，所有設施及系統均有可能會暫時中斷或失靈，而你就此所能獲得的賠償或會受制於系統供應商、市場、結算公司及／或參與者商號就其所承擔的責任所施加的限制。由於這些責任限制可以各有不同，你應向為你進行交易的商號查詢這方面的詳情。

Electronic trading

Trading on an electronic trading system may differ from trading on other electronic trading systems. If you undertake transactions on an electronic trading system, you will be exposed to risks associated with the system including the failure of hardware and software. The result of any system failure may be that your order is either not executed according to your instructions or is not executed at all.

電子交易

透過某個電子交易系統進行買賣，可能會與透過其他電子交易系統進行買賣有所不同。如果你透過某個電子交易系統進行買賣，便須承受該系統帶來的風險，包括有關系統硬件或軟件可能會失靈的風險。系統失靈可能會導致你的交易指示不能根據指示執行，甚或完全不獲執行。

Off-exchange transactions

In some jurisdictions, and only then in restricted circumstances, firms are permitted to effect off-exchange transactions. The firm with which you deal may be acting as your counterparty to the transaction. It may be difficult or impossible to liquidate an existing position, to assess the value, to determine a fair price or to assess the exposure to risk. For these reasons, these transactions may involve increased risks. Off-exchange transactions may be less regulated or subject to a separate regulatory regime. Before you undertake such transactions, you should familiarize yourself with applicable rules and attendant risks.

場外交易

在某些司法管轄區，及只有在特定情況之下，有關商號獲准進行場外交易。為你進行交易的商號可能是你所進行的買賣的交易對手方。在這種情況下，有可能難以或根本無法平掉既有倉盤、評估價值、釐定公平價格又或評估風險。因此，這些交易或會涉及更大的風險。此外，場外交易的監管或會比較寬鬆，又或需遵照不同的監管制度；因此，你在進行該等交易前，應先瞭解適用的規則和有關的風險。

