

Market Update

Geopolitical developments surrounding Russia-Ukraine

24 February 2022



Contributors



Georgios Leontaris, CFA

CIO, MENA and Europe
International, HSBC Global
Private Banking and Wealth

- ◆ After weeks of rising tensions, a military incursion in Ukraine was announced, with reports of airstrikes and shelling across parts of the country. Developments are still unfolding, and the attention is squarely focused on military developments and repercussions, including political decisions and sanctions, which are likely to be announced soon.
- ◆ The risk-off tone has led to a support for safe-haven assets, with Gold reaching a 13-month high, CHF and JPY both bid and US Treasury yields shifting lower (price going up). Commodities are higher across the board, with Brent trading at \$104.9 and European natural gas prices surging 40% on fears of supply disruption and the repercussions on inflation pressure overshadowing growth concerns for now, as futures market continues to price in 6 rate hikes in the US and almost 40bps of hikes in Europe this year.
- ◆ Weak sentiment is weighing on equity markets, with European indices down 3.5% and underperforming US stocks which are poised for a 2%-2.5% decline ahead of market open. Russian equity markets are down over 30%, whereas illiquidity in the bond market has pushed USD sovereigns down by as much as 35points, with the yield curve inverted.
- ◆ Investors should stay invested and not panic as geopolitical events have historically led to sharp – yet short lived corrections as the broader economic context will eventually dominate. Nevertheless, the escalation of events and the elevated uncertainty of how the situation will unfold requires a more prudent stance in portfolios, whereas the impact of high energy prices on inflation requires diversification.
- ◆ We downgrade our view on global equities to neutral, reducing our US equity overweight and bringing European equities to a mild underweight. We cut Russian bonds to underweight, and use proceeds to add to cash (tactically), US investment grade bonds and hedge funds. Portfolio diversification remains paramount, and we emphasise a balanced approach between cyclicals and defensives. We upgrade CHF to neutral and remain negative on the EUR, whereas our existing allocation to gold provides a good hedge. Energy stocks will remain in favour, and our long-term themes on Total Security (including cybersecurity) and Energy Transition (benefitting from diversification of suppliers) remain appealing.

Geopolitical events in Russia and Ukraine

1. What happened?

After weeks of rising tensions between Russia and Ukraine that saw a substantial build-up of troops and military equipment around the borders, the situation escalated dramatically this week when Russia authorized a “special military authorization” in order to demilitarize Ukraine. The move was immediately condemned by US, European, UK and other nations, who effectively characterize the move as a “full scale invasion” of Ukraine, as bombing has been reported across a number of cities including air strikes in Kyiv. Martial law has been declared in Ukraine, and the UN security council has been convened, with developments continuing to unfold. The situation had already deteriorated earlier this week, when Russia recognized the independence of two self-proclaimed republics (Donetsk and Luhansk) that have been controlled by separatist militias in the aftermath of the 2014 Crimea invasion. This was followed by the entry of Russian troops within the breakaway region, a move that sparked fears that any further incidents could be used as a pretext for a broader incursion into Ukrainian territory.

2. Sanctions announced so far

The series of developments have been immediately condemned by the US, UK and European Union. A first round of sanctions has already been announced. These measures targeted a number of political figures and lawmakers, as well as some financial institutions (one of these is a state-owned development bank and another one has been known to provide financing to the Russian military). The most notable measure included the unprecedented restriction against foreigners investing in Russian sovereign bond issues. Although trading restrictions on primary markets had already been enforced in the past, the new measure is equally restricting secondary market trading for local currency and hard currency bonds issued after 1st March. The certification of a major gas pipeline connecting Russia to Germany was also put on hold. The market impact of these measures earlier this week (before the broader incursion) was relatively contained, with Western nations seeking not to “play all their cards in one go,” retaining the flexibility to announce incremental measures on any further developments, a step which they are now expected to take with further measures being currently discussed.

3. How has the market handled the sanctions?

The first round of sanctions targeted sovereign bond restrictions. Foreigners are estimated to hold approximately \$40bn worth of RUB denominated sovereign bonds, and an additional \$20.5bn worth of USD denominated bonds according to December 2021 data, with current positioning likely to have declined further. It is worth noting that these holdings are not in scope of the latest round of sanctions, but the fear of incremental and broader restrictions will weigh on sovereign yields in our view. The banks that were targeted were not major issuers in the market, whereas the gas pipeline was not yet operational, so it will rather delay any future, potential gas supplies rather than immediately cut energy supplies. Further rounds of sanctions are expected to be announced based on the latest developments, and their degree of severity will be closely assessed in local asset pricing.

4. What has been the market reaction?

The MOEX Russian equity index plunged by more than 30% after market open, the largest amount on record. The RUB weakened to record lows of 89.99 against the USD. Russia USD sovereign bonds fell as much as 35pts in the long end and 5yr USD CDS was reported at 800 compared to 425bps close of yesterday. Russian local bonds opened around 350bps wider in yield terms at the start of London trading hours. Oil futures surged more than 5% this morning, with Brent rising above the \$100 threshold at trading around \$102.75. A range of other commodities saw upward pressure, as the market weighs any sign of potential supply disruption given Russia maintains large share of production. Aluminium for instance spiked to record highs, yet the market will keenly watch developments surrounding natural gas, given that Europe imports 90% of its needs, with at least 40% of the share coming from Russia.

Demand for safe havens has naturally increased, with Gold reaching a 13month high of 1,940 and US 10yr Treasury yield falling 11bps to 1.87% before retracing to 1.92% later in the morning. The USD is trading firm against key currency pairs, with the EUR falling below the 1.125 threshold as 1month implied volatility reached its highest levels since 2020. Asia markets opened in the red, with European futures down more than -3% and US futures down 2% on average, with growth oriented tech indices set to underperform at market open. In fact, the Nasdaq may enter a bear market, as futures suggest the market will start trading this afternoon at levels, which would be more than 20% below recent highs.

5. What to look out for next

Military developments on the ground, political decisions behind the scenes, and sanctions will remain key catalysts in the near term. Institutional investors are likely to limit their exposure to the region on any sign of harder sanctions, irrespective of whether limitations will ultimately be placed on the trading of select financial instruments by US or other persons. The market will carefully assess whether there will be any disruptions in the flow of natural gas or energy – with depleted inventories and high prices, any further strains on securing energy supplies may weigh on European inflation and in term on the ECB’s forward guidance. The market has maintained its previous expectations for interest rate hike normalization, even though policy makers will keep a close eye on financial conditions, asset price moves and any signs of confidence or growth. Forward markets are still pricing in 6 hikes in the US and 40bps of hikes in Europe this year, as higher energy prices are overshadowing growth concerns.

6. Our positioning before the latest turn of events

Our tactical asset allocation already had zero exposure to EM EMEA stocks, implying no exposure to Russian equities. In fixed income, we had already downgraded Russian corporates to neutral earlier this year. Although we have been overweight global equities, our reduction in cyclicity coupled with an increase in the allocation of defensives,

value and energy stocks and our allocation to gold have helped shield us against some of the recent moves, whereas gold continues to provide an effective hedge.

How do we position our portfolios?

From a general market perspective, depending on their severity, geopolitical events have historically led to sharp – yet short lived – sell-offs. The size of the fall varies each time, but in the vast majority of instances, remaining invested has been a strategy that has paid off, as the market assigns a greater weight on the overall economic context (global growth, inflation, monetary policy, corporate earnings, etc). This has also been the case during the Crimea invasion, but also with other major events such as the Gulf War, September 11 attacks, the war in Syria but equally so with political surprises such as the Brexit referendum, elections or other developments. Timing markets is a very difficult exercise, and raising high cash allocations can be at the detriment of clients, as positions may be sold while the correction is already well-underway, whereas reinvestment may not be quick enough to capture the recovery.

1. Downgrade global equities

That said, a more prudent allocation is clearly warranted in the short term, and we make a number of changes in our tactical asset allocation including bringing our allocation to Global equities close to neutral. We implement this by trimming our US equity overweight, bringing cyclicality in line with our allocation to defensives. On the other hand, we take Europe to a mild underweight, as the region will trade with a higher beta to Russian developments in the near-term, given geographical proximity and higher trade linkages compared to the US.

2. Increase liquid assets

We increase our allocation to cash tactically and upgrade CHF to neutral as the currency should outperform the EUR and equally benefit from near term demand for havens. In fixed income, we turn underweight Russian sovereign and corporate debt, given the uncertainty of sanctions and the possibility of more severe actions compared to the first round imposed this week. Any spread widening can be viewed as an opportunity to increase exposure to US investment grade, which should benefit from the flight to quality whilst a significant number of Fed rate hikes are already priced in.

3. Positive on energy sector and high yields

We maintain an overweight exposure to energy stocks which have outperformed in the value rotation, remain cheap and which are likely to benefit from elevated oil prices. In the US the rig count has notably increased in recent weeks, driven by the rise in oil prices. The fracking business will add to high pay job creation and support the case for “energy independence”, providing a net positive tailwind for the US economy and US markets, which have limited trade and sales exposure to Russia.

The energy sector dynamics should also lend support to US

high yield over the medium term, given the sector’s large weight within the index. In the short term, risk sentiment may weigh on spreads, however given the flatness of the US yield curve, the low default rates in credit, improved entry points – we believe short dated high yield opportunities will become increasingly attractive once the geopolitical situation becomes more clear.

We continue however to emphasise our energy transition theme as well – although energy majors are enjoying stronger profitability, geopolitical developments will only accelerate the urgency of European and other nations to diversify their source of supplies and reduce the overreliance on one trading partner. The rise in oil and natural gas prices highlights the relative cheapness of wind and solar, and the shift to renewables should in any case accelerate as climate goals strengthen and emissions reductions become enforced.

4. Invest in Total Security and Energy Transition themes

We continue to emphasise scaling in to long –term secular trends such as Total Security (which includes cybersecurity), which are likely to remain in favour, as companies and nations deploy more capital to improve the resilience of their networks and business operations. Our energy transition theme should continue to perform well – energy majors are certainly benefitting from high oil prices, but the overreliance of securing energy supplies from a few trading partners will only raise the urgency to diversify supplies (reduce overreliance on one trading partner) and achieve a stronger share of renewables to trim carbon emissions.

5. Add hedge funds for diversification

Although our cash allocation is increased, the size of this remains measured. Cash rates are not yet attractive enough, especially in light of inflation, whereas as mentioned earlier, markets will quickly factor-in the latest events, and although the duration and repercussions of the incursion remain unknown, the broader economic context will eventually become again the most dominant factor for markets. We therefore also add to our exposure in hedge funds, that generally exhibit smaller drawdowns in markets and which can quickly exploit market dislocations and position themselves accordingly.

Our allocation to alternatives remain supported by private debt and private equity, which aside from elevated expected returns will remain attractive for investors as they can “see through” the near-term uncertainty and capitalize on cheaper entry points for long-term convictions.

Risk Disclosures



Risks of investment in fixed income

There are several key issues that one should consider before making an investment into fixed income. The risk specific to this type of investment may include, but are not limited to:

Credit risk

Investor is subject to the credit risk of the issuer. Investor is also subject to the credit risk of the government and/or the appointed trustee for debts that are guaranteed by the government.

Risks associated with high yield fixed income instruments

High yield fixed income instruments are typically rated below investment grade or are unrated and as such are often subject to a higher risk of issuer default. The net asset value of a high-yield bond fund may decline or be negatively affected if there is a default of any of the high yield bonds that it invests in or if interest rates change. The special features and risks of high-yield bond funds may also include the following:

- Capital growth risk - some high-yield bond funds may have fees and/or dividends paid out of capital. As a result, the capital that the fund has available for investment in the future and capital growth may be reduced; and
- Dividend distributions - some high-yield bond funds may not distribute dividends, but instead reinvest the dividends into the fund or alternatively, the investment manager may have discretion on whether or not to make any distribution out of income and/ or capital of the fund. Also, a high distribution yield does not imply a positive or high return on the total investment.
- Vulnerability to economic cycles - during economic downturns such instruments may typically fall more in value than investment grade bonds as (i) investors become more risk averse and (ii) default risk rises.

Risks associated with subordinated debentures, perpetual debentures, and contingent convertible or bail-in debentures

- Subordinated debentures - subordinated debentures will bear higher risks than holders of senior debentures of the issuer due to a lower priority of claim in the event of the issuer's liquidation.
- Perpetual debentures - perpetual debentures often are callable, do not have maturity dates and are subordinated. Investors may incur reinvestment and subordination risks. Investors may lose all their invested principal in certain circumstances. Interest payments may be variable, deferred or canceled. Investors may face uncertainties over when and how much they can receive such payments.
- Contingent convertible or bail-in debentures - Contingent convertible and bail-in debentures are hybrid debt-equity instruments that may be written off or converted to common stock on the occurrence of a trigger event. Contingent convertible debentures refer to debentures that contain a clause requiring them to be written off or converted to common stock on the occurrence of a trigger event. These debentures generally absorb losses while the issuer remains a going concern (i.e. in advance of the point of non-viability). "Bail-in" generally refers to (a) contractual mechanisms (i.e. contractual bail-in) under which debentures contain a clause requiring them to be written off or converted to common stock on the occurrence of a trigger event, or (b) statutory mechanisms (i.e. statutory bail-in) whereby a national resolution authority writes down or converts debentures under specified conditions to common stock. Bail-in debentures generally absorb losses at the point of non-viability. These features can introduce notable risks to investors who may lose all their invested principal.

Changes in legislation and/or regulation

Changes in legislation and/or regulation could affect the performance, prices and mark-to-market valuation on the investment.

Nationalization risk

The uncertainty as to the coupons and principal will be paid on schedule and/or that the risk on the ranking of the bond seniority would be compromised following nationalization.

Reinvestment risk

A decline in interest rate would affect investors as coupons received and any return of principal may be reinvested at a lower rate.

Changes in interest rate, volatility, credit spread, rating agencies actions, liquidity and market conditions may significantly affect the prices and mark-to-market valuation.

Risk disclosure on Dim Sum Bonds

Although sovereign bonds may be guaranteed by the China Central Government, investors should note that unless otherwise specified, other renminbi bonds will not be guaranteed by the China Central Government.

Renminbi bonds are settled in renminbi, changes in exchange rates may have an adverse effect on the value of that investment. You may not get back the same amount of Hong Kong Dollars upon maturity of the bond. There may not be active secondary market available even if a renminbi bond is listed. Therefore, you need to face a certain degree of liquidity risk.

Renminbi is subject to foreign exchange control. Renminbi is not freely convertible in Hong Kong. Should the China Central Government tighten the control, the liquidity of renminbi or even renminbi bonds in Hong Kong will be affected and you may be exposed to higher liquidity risks. Investors should be prepared that you may need to hold a renminbi bond until maturity.

Risk disclosure on Emerging Markets

Investment in emerging markets may involve certain, additional risks which may not be typically associated with investing in more established economies and/or securities markets. Such risks include (a) the risk of nationalization or expropriation of assets; (b) economic and political uncertainty; (c) less liquidity in so far of securities markets; (d) fluctuations in currency exchange rate; (e) higher rates of inflation; (f) less oversight by a regulator of local securities market; (g) longer settlement periods in so far as securities transactions and (h) less stringent laws in so far the duties of company officers and protection of Investors.

Risk disclosure on FX Margin

The price fluctuation of FX could be substantial under certain market conditions and/or occurrence of certain events, news or developments and this could pose significant risk to the Customer. Leveraged FX trading carry a high degree of risk and the Customer may suffer losses exceeding their initial margin funds. Market conditions may make it impossible to square/close-out FX contracts/options. Customers could face substantial margin calls and therefore liquidity problems if the relevant price of the currency goes against them.

Currency risk – where product relates to other currencies

When an investment is denominated in a currency other than your local or reporting currency, changes in exchange rates may have a negative effect on your investment.

Chinese Yuan ("CNY") risks

There is a liquidity risk associated with CNY products, especially if such investments do not have an active secondary market and their prices have large bid/offer spreads.

CNY is currently not freely convertible and conversion of CNY through

banks in Hong Kong and Singapore is subject to certain restrictions. CNY products are denominated and settled in CNY deliverable in Hong Kong and Singapore, which represents a market which is different from that of CNY deliverable in Mainland China.

There is a possibility of not receiving the full amount in CNY upon settlement, if the Bank is not able to obtain sufficient amount of CNY in a timely manner due to the exchange controls and restrictions applicable to the currency.

Illiquid markets/products

In the case of investments for which there is no recognised market, it may be difficult for investors to sell their investments or to obtain reliable information about their value or the extent of the risk to which they are exposed.

Important notice

The following is subject to local requirements (if any)

This is a marketing communication issued by HSBC Private Banking. This document does not constitute independent investment research under the European Markets in Financial Instruments Directive ('MiFID'), or other relevant law or regulation, and is not subject to any prohibition on dealing ahead of its distribution. HSBC Private Banking is the principal private banking business of the HSBC Group. Private Banking may be carried out internationally by different HSBC legal entities according to local regulatory requirements. Different companies within HSBC Private Banking or the HSBC Group may provide the services listed in this document. Some services are not available in certain locations. Members of the HSBC Group may trade in products mentioned in this publication.

This document is provided to you for your information purposes only and should not be relied upon as investment advice. The information contained within this document is intended for general circulation to HSBC Private Banking clients and it has not been prepared in light of your personal circumstances (including your specific investment objectives, financial situation or particular needs) and does not constitute a personal recommendation, nor should it be relied upon as a substitute for the exercise of independent judgement. This document does not constitute and should not be construed as legal, tax or investment advice or a solicitation and/or recommendation of any kind from the Bank to you, nor as an offer or invitation from the Bank to you to subscribe to, purchase, redeem or sell any financial instruments, or to enter into any transaction with respect to such instruments. The content of this document may not be suitable for your financial situation, investment experience and investment objectives, and the Bank does not make any representation with respect to the suitability or appropriateness to you of any financial instrument or investment strategy presented in this document.

If you have concerns about any investment or are uncertain about the suitability of an investment decision, you should contact your Relationship Manager or seek such financial, legal or tax advice from your professional advisers as appropriate.

Market data in this document is sourced from Bloomberg unless otherwise stated. While this information has been prepared in good faith including information from sources believed to be reliable, no representation or warranty, expressed or implied, is or will be made by HSBC Private Banking or any part of the HSBC Group or by any of their respective officers, employees or

agents as to or in relation to the accuracy or completeness of this document.

It is important to note that the capital value of, and income from, any investment may go down as well as up and you may not get back the original amount invested. Past performance is not a guide to future performance. Forward-looking statements, views and opinions expressed and estimates given constitute HSBC Private Banking's best judgement at the time of publication, are solely expressed as general commentary and do not constitute investment advice or a guarantee of returns and do not necessarily reflect the views and opinions of other market participants and are subject to change without notice. Actual results may differ materially from the forecasts/estimates. When an investment is denominated in a currency other than your local or reporting currency, changes in exchange rates may have an adverse effect on the value of that investment. There is no guarantee of positive trading performance.

Foreign securities carry particular risks, such as exposure to currency fluctuations, less developed or less efficient trading markets, political instability, a lack of company information, differing auditing and legal standards, volatility and, potentially, less liquidity.

Investment in emerging markets may involve certain additional risks, which may not be typically associated with investing in more established economies and/or securities markets. Such risks include (a) the risk of nationalization or expropriation of assets; (b) economic and political uncertainty; (c) less liquidity in so far of securities markets; (d) fluctuations in currency exchange rate; (e) higher rates of inflation; (f) less oversight by a regulator of local securities market; (g) longer settlement periods in so far as securities transactions and (h) less stringent laws in so far the duties of company officers and protection of Investors.

You should contact your Relationship Manager if you wish to enter into a transaction for an investment product. You should not make any investment decision based solely on the content of any document.

Some HSBC Offices listed may act only as representatives of HSBC Private Banking, and are therefore not permitted to sell products and services, or offer advice to customers. They serve as points of contact only. Further details are available on request.

In the United Kingdom, this document has been approved for distribution by HSBC UK Bank plc whose Private Banking office is located at 8 Cork Street, London W1S 3LJ and whose registered office is at 1 Centenary Square, Birmingham, B1 1HQ. HSBC UK Bank plc is registered in England under number 09928412. Clients should be aware that the rules and regulations made under the Financial Services and Markets Act 2000 for the protection of investors, including the protection of the Financial Services Compensation Scheme, do not apply to investment business undertaken with the non-UK offices of the HSBC Group. This publication is a Financial Promotion for the purposes of Section 21 of the Financial Services & Markets Act 2000 and has been approved for distribution in the United Kingdom in accordance with the Financial Promotion Rules by HSBC UK Bank plc, which is authorised by the Prudential

Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority.

In Guernsey, this material is distributed by HSBC Private Banking (C.I.) a division of HSBC Bank plc, Guernsey Branch which is licensed by the Guernsey Financial Services Commission for Banking, Insurance Intermediary and Investment Business. In Jersey, this material is issued by HSBC Private Banking (Jersey) which is a division of HSBC Bank plc, Jersey Branch: HSBC House, Esplanade, St. Helier, Jersey, JE1 1HS. HSBC Bank plc, Jersey Branch is regulated by the Jersey Financial Services Commission for Banking, General Insurance Mediation, Fund Services and Investment Business. HSBC Bank plc is registered in England and Wales, number 14259. Registered office 8 Canada Square, London, E14 5HQ. HSBC Bank plc is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority.

In France, this material is distributed by HSBC Europe Continental. HSBC Private Banking is the private banking department of the HSBC Group in France. HSBC Europe Continental is subject to approval and control by the Autorité de Contrôle Prudentiel et de Résolution [Prudential Control and Resolution Authority] as a credit entity. HSBC Private Banking department of HSBC Continental Europe, Public Limited Company with share capital of 491,155,980.00 €- SIREN 775 670 284 Trade and Companies Register of Paris Bank and Insurance Intermediary registered with the Organisme pour le Registre des Intermédiaires en Assurances [Organisation for the Register of Insurance Intermediaries] under no. 07 005 894 (www.orias.fr) - Intra-community VAT number: FR 707 756 702 84. HSBC Private Banking - HSBC Europe Continental – Registered office: 38, avenue Kléber 75116 Paris- FRANCE- Tel. +33 (0) 1 49 52 20 00.

In Switzerland, this material is distributed by HSBC Private Bank (Suisse) SA, a bank regulated by the Swiss Financial Market Supervisory Authority FINMA, whose office is located at Quai des Bergues 9-17, 1201 Genève, Switzerland. This document does not constitute independent financial research, and has not been prepared in accordance with the Swiss Bankers Association's "Directive on the Independence of Financial Research", or any other relevant body of law.

In Abu Dhabi Global Markets (ADGM), this material is distributed by HSBC Bank Middle East Limited, ADGM Branch, 3526, Al Maqam Tower, ADGM, Abu Dhabi, which is regulated by the ADGM Financial Services Regulatory Authority (FSRA). Content in this material is directed at Professional Clients only as defined by the FSRA and should not be acted upon by any other person.

In Dubai International Financial Center (DIFC), this material is distributed by HSBC Private Bank (Suisse) S.A., DIFC Branch, P.O. Box 506553 Dubai, United Arab Emirates, which is regulated by the Dubai Financial Services Authority (DFSA) and is permitted to only deal with Professional Clients as defined by the DFSA.

In South Africa, this material is distributed by HSBC Private Bank (Suisse) SA's Representative Office approved by the South African Reserve Board (SARB) under registration no. 00252 and

authorized as a financial services provider (FSP) for the provision of Advice and Intermediary Services by the Financial Sector Conduct Authority of South Africa (FSCA) under registration no. 49434. The Representative Office has its registered address at 2 Exchange Square, 85 Maude Street, Sandown, Sandton.

In Bahrain and Qatar, this material is distributed by the respective branches of HSBC Bank Middle East Limited, which is locally regulated by the respective local country Central Banks and lead regulated by the Dubai Financial Services Authority.

In Lebanon, this material is handed out by HSBC Financial Services (Lebanon) S.A.L. ("HFLB"), licensed by the Capital Markets Authority as a financial intermediation company Sub N°12/8/18 to carry out Advising and Arranging activities, having its registered address at Centre Ville 1341 Building, 4th floor, Patriarche Howayek Street, Beirut, Lebanon, P.O. Box Riad El Solh 9597.

In Hong Kong and Singapore, THE CONTENTS OF THIS DOCUMENT HAVE NOT BEEN REVIEWED OR ENDORSED BY ANY REGULATORY AUTHORITY IN HONG KONG OR SINGAPORE. HSBC Private Banking is a division of Hongkong and Shanghai Banking Corporation Limited. In Hong Kong, this document has been distributed by The Hongkong and Shanghai Banking Corporation Limited in the conduct of its Hong Kong regulated business. In Singapore, the document is distributed by the Singapore Branch of The Hongkong and Shanghai Banking Corporation Limited. Both Hongkong and Shanghai Banking Corporation Limited and Singapore Branch of Hongkong and Shanghai Banking Corporation Limited are part of the HSBC Group. This document is not intended for and must not be distributed to retail investors in Hong Kong and Singapore. The recipient(s) should qualify as professional investor(s) as defined under the Securities and Futures Ordinance in Hong Kong or accredited investor(s) or institutional investor(s) or other relevant person(s) as defined under the Securities and Futures Act in Singapore. Please contact a representative of The Hong Kong and Shanghai Banking Corporation Limited or the Singapore Branch of The Hong Kong and Shanghai Banking Corporation Limited respectively in respect of any matters arising from, or in connection with this report.

Some of the products are only available to professional investors as defined under the Securities and Futures Ordinance in Hong Kong / accredited investor(s), institutional investor(s) or other relevant person(s) as defined under the Securities and Futures Act in Singapore. Please contact your Relationship Manager for more details.

The specific investment objectives, personal situation and particular needs of any specific persons were not taken into consideration in the writing of this document. To the extent we are required to conduct a suitability assessment in Hong Kong where this is permitted by cross border rules depending on your place of domicile or incorporation, we will take reasonable steps to ensure the suitability of the solicitation and/or recommendation. In all other cases, you are responsible for assessing and satisfying yourself that any investment or other dealing to be entered into is in your best interest and is suitable for you.

In all cases, we recommend that you make investment decisions only after having carefully reviewed the relevant investment product and offering documentation, HSBC's Standard Terms and Conditions, the "Risk Disclosure Statement" detailed in the Account Opening Booklet, and all notices, risk warnings and disclaimers contained in or accompanying such documents and having understood and accepted the nature, risks of and the terms and conditions governing the relevant transaction and any associated margin requirements. In addition to any suitability assessment made in Hong Kong by HSBC (if any), you should exercise your own judgment in deciding whether or not a particular product is appropriate for you, taking into account your own circumstances (including, without limitation, the possible tax consequences, legal requirements and any foreign exchange restrictions or exchange control requirements which you may encounter under the laws of the countries of your citizenship, residence or domicile and which may be relevant to the subscription, holding or disposal of any investment) and, where appropriate, you should consider taking professional advice including as to your legal, tax or accounting position. Please note that this information is neither intended to aid in decision making for legal or other consulting questions, nor should it be the basis of any such decision. If you require further information on any product or product class or the definition of Financial Products, please contact your Relationship Manager.

In Luxembourg, this material is distributed by HSBC Private Banking (Luxembourg) SA, which is located at 16, boulevard d'Avranches, L-1160 Luxembourg and is regulated by the Commission de Surveillance du Secteur Financier ("CSSF").

In the United States, HSBC Private Banking offers banking products and services through HSBC Bank USA, N.A. – Member FDIC and provides securities and brokerage products and services through HSBC Securities (USA) Inc., member NYSE/FINRA/SIPC, and an affiliate of HSBC Bank USA, N.A.

Investment products are: Not a deposit or other obligation of the bank or any affiliates; Not FDIC insured or insured by any federal government agency of the United States; Not guaranteed by the bank or any of its affiliates; and are subject to investment risk, including possible loss of principal invested.

Australia

If you are receiving this document in Australia, the products and services are provided by The Hongkong and Shanghai Banking Corporation Limited (ABN 65 117 925 970, AFSL 301737) for "wholesale" customers (as defined in the Corporations Act 2001). Any information provided is general in nature only and does not take into account your personal needs and objectives nor whether any investment is appropriate. The Hongkong and Shanghai Banking Corporation Limited is not a registered tax agent. It does not purport to, nor does it, give or provide any taxation advice or services whatsoever. You should not rely on the information provided in the documents for ascertaining your tax liabilities, obligations or entitlements and should consult with a registered tax agent to determine your personal tax obligations.

Where your location of residence differs from that of the HSBC entity where your account is held, please refer to the disclaimer

at <https://www.privatebanking.hsbc.com/disclaimer/cross-border-disclosure> for disclosure of cross-border considerations regarding your location of residence.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted, on any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of HSBC UK Bank plc.

A complete list of private banking entities is available on our website, <https://www.privatebanking.hsbc.com>.

©Copyright HSBC 2022

ALL RIGHTS RESERVED