



# Weekly Market View

## Crypto goes kaput

The 35% plunge in Bitcoin prices since their April peak and this week's volatility send a stark message to investors – not to put core investments at risk by chasing the latest mania. While we do not expect Bitcoin's latest bout of volatility to have a contagion effect on other assets, these episodes are a reminder of the benefits of a diversified asset allocation. We remain pro-risk on a 6-12 month horizon

**Equities:** Europe's financial sector earnings beat adds to a list of factors which are likely to drive their outperformance in the next 6-12 months

**Bonds:** US 10-year yields could test near-term resistance around 1.78% amid rising expectations of the Fed tapering its bond purchases this year

**FX:** We see more GBP/USD upside in the next few months



What are the implications of the slump in Bitcoin on other risk assets?

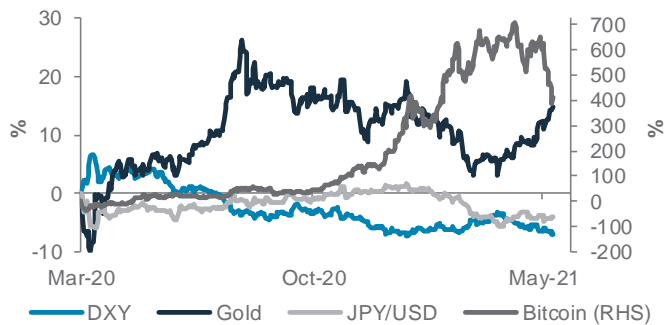
Is it time to buy China onshore-listed A-shares?

What are the charts saying about the Nasdaq index, Gold and Bitcoin?

## Charts of the week: Returns vs risk

### Bitcoin returns stunning, but came with extreme volatility; a diversified allocation is a more balanced option

Total returns of currencies, Bitcoin during the pandemic\*



Average returns, risk and their ratio over the past 5 years



Source: Bloomberg, Standard Chartered; \*Total returns measured since the WHO declared the COVID-19 infection as a pandemic on 11 March '20

## Editorial

### Crypto goes kaput

The c.35% plunge in Bitcoin prices since their April peak and the volatility in between (including a 31% peak-to-trough drop on Wednesday) send a stark message to investors – not to put core investments at risk by chasing the latest mania. While we do not expect Bitcoin's latest bout of volatility to have a contagion effect on other assets (see page 4), these episodes are a reminder of the benefits of a diversified asset allocation. As our chart shows, a broad allocation across stocks, bonds, gold and other alternative assets arguably offers more stable risk-adjusted returns over the medium to longer term. For sure, assets such as Bitcoin have delivered stellar returns since the pandemic broke out, but those returns came at the cost of extreme volatility and possibly sleepless nights for many investors.

One can ascribe several reasons to the spate of distinctive asset bubbles since the pandemic started. Perhaps the foremost is the unprecedented fiscal and monetary stimulus provided by global policymakers to counter the pandemic's shock to the global economy and consumer/business confidence. This surge in policy-driven liquidity has (i) raised concerns about the intrinsic value of fiat currencies, driving investors in search of alternatives such as gold and cryptocurrencies, and (ii) encouraged speculators to use the new cash to chase the next mania. However, recent events have raised doubts about the maturity of cryptos as a mode of payment and as a store of value. The bigger risk for cryptos, of course, is growing scrutiny from regulators. While blockchain technologies are likely here to stay, China's decision to bar financial institutions from doing business in cryptocurrencies is a case in point.

Investors concerned about the true value of currencies – which, in effect, is a concern about future inflation – can take heart from central banks' comments that they are not only aware of the distortions their measures have created, but that they are also in no mood to tolerate runaway inflation. While policymakers, most explicitly in the US, have said that they are likely to look through a bout of above-2% target inflation over the next few months, they have reiterated that the extraordinary policies will last only as long as their job markets need to heal. Canada and the UK have already started to taper bond purchases as their economies improve.

The Fed's latest meeting minutes show US policymakers are also starting to talk about unwinding stimulus as the job market improves (see page 4 for bond market implications). The minutes have raised expectation that the Fed may announce tapering of its bond purchases by Q4. We agree the risk of tapering in the next 6-12 months is rising - progress in the job market, especially in the lower-income segment, will play a key role in timing the tapering. Meanwhile, economic data and corporate earnings continue to improve, especially in the US and Europe (see page 5 for financial sector earnings beats).

Against this backdrop, we remain pro-risk over the next 6-12 months within a diversified allocation. Gold is a likely beneficiary from the ongoing volatility in Bitcoin, along with other real assets, including our preferred commodity-driven equity sectors (energy and materials). More broadly, equities, corporate bonds and alternative strategies are likely to keep delivering strong risk-adjusted gains.

— Rajat Bhattacharya

## The weekly macro balance sheet

**Our weekly net assessment:** On balance, we see the past week's data and policy as neutral for risk assets

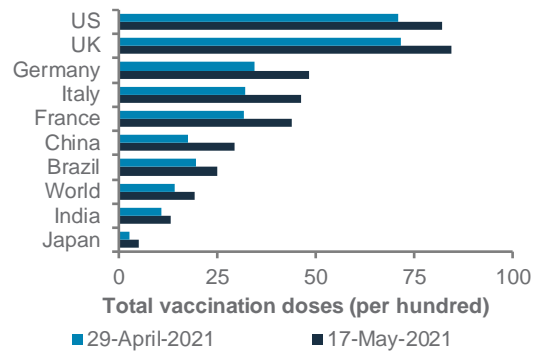
**(+) factor:** US, Europe pandemic progress, supportive policy

**(-) factor:** US, China data disappointments, Asia pandemic

	Positive for risk assets	Negative for risk assets
<b>COVID-19</b>	<ul style="list-style-type: none"> <li>New cases continued to fall in the US and Europe, allowing further easing of restrictions</li> <li>The EU plans to reopen its borders to vaccinated tourists and visitors from 'safe' countries</li> <li>Cases in India, Japan appear to have peaked</li> </ul>	<ul style="list-style-type: none"> <li>Indian states extended lockdowns as fatality rates continued to rise</li> <li>New cases in Malaysia, Thailand, Taiwan and Singapore rose further</li> <li>Japan, Singapore tightened restrictions and Hong Kong postponed Singapore travel bubble</li> </ul>
	<b>Our assessment: Neutral</b> – US, Europe progress vs extended lockdowns in India and parts of Asia	
<b>Macro data</b>	<ul style="list-style-type: none"> <li>US initial jobless claims fell below expectations to their lowest level since March 2020</li> <li>China jobless rate fell more than expected and property investment rose more than expected</li> <li>UK jobless rate fell more than expected in Q1</li> </ul>	<ul style="list-style-type: none"> <li>US retail sales stalled unexpectedly</li> <li>US industrial production, housing starts rose less than expected</li> <li>China retail sales, industrial production, fixed asset investment rose less than expected</li> <li>UK consumer, German producer prices rose more than expected</li> </ul>
	<b>Our assessment: Neutral</b> – Improving job markets vs. surprisingly weak US, China retail sales, factory data	
<b>Policy developments</b>	<ul style="list-style-type: none"> <li>ECB's Lagarde said it was essential that policy stimulus is not withdrawn too soon</li> <li>Mester, other Fed officials said there was no reason to change accommodative policy for now</li> </ul>	<ul style="list-style-type: none"> <li>Fed's May meeting minutes showed some policymakers were open to consider reducing stimulus if the economy continues to improve</li> <li>The US proposed a 15% global minimum corporate tax rate</li> </ul>
	<b>Our assessment: Positive</b> – Policy to remain supportive	
<b>Other development</b>	<ul style="list-style-type: none"> <li>Israel-Palestine ceasefire</li> </ul>	
	<b>Our assessment: Positive</b> – Middle East tensions ease	

### COVID-19 vaccinations continue to accelerate in Europe and are rising worldwide

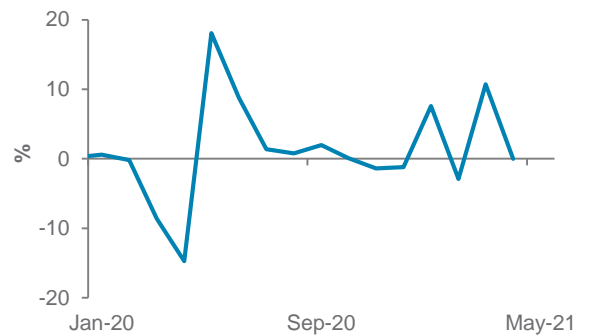
No. of vaccine doses per hundred people



Source: Our World in Data, Standard Chartered

### US retail sales stalled in April after a surge since the start of the year following two rounds of stimulus checks to households

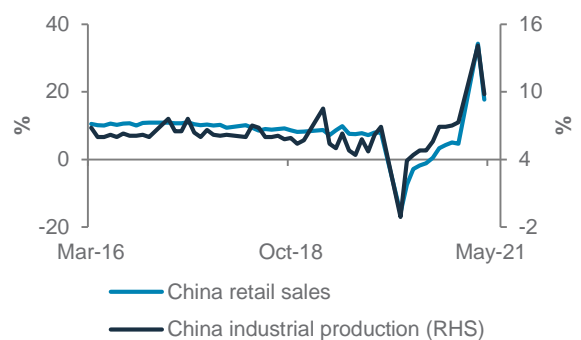
US retail sales growth, m/m



Source: Bloomberg, Standard Chartered

### China's retail sales and industrial production growth has slowed, leading the PBOC to leave policy unchanged this week

China's retail sales and industrial production, y/y



Source: Bloomberg, Standard Chartered

## Top client questions

### Q What are the implications of the recent correction in cryptocurrencies on risk assets?

The recent crash in cryptocurrencies will not spark a rush of liquidations in traditional financial assets, in our view, with still-light institutional adoption helping mitigate contagion fears.

There are several potential catalysts for the recent crash. China's PBoC reiterated that digital tokens cannot be used as a form of payment. In the US, the new Office of the Comptroller of the Currency (OCC) chief requested a review of digital assets and cryptocurrencies policies. A backdrop of leverage across various crypto asset brokers may have added fuel to the fire, with several reports suggesting forced liquidations by leveraged investors following margin calls contributed strongly to the drawdowns over the past few days.

While the slump in cryptocurrencies could dent risk sentiment in the near term, potentially benefiting gold, we see limited risk of contagion to broader financial markets. For investors seeking an allocation to cryptocurrencies, we believe exposure should be considered in inverse proportion to their volatility. (See our report titled "360 Perspectives – The future of digital assets" for more details).

— Marco Iachini, CFA, Cross-asset Strategist  
— DJ Cheong, CFA, Investment Strategist

### Q What are the implications of the Fed's latest policy meeting minutes on bond yields?

The April Fed meeting notes released earlier this week indicated some Fed officials were considering discussing 'tapering', or a reduction of the Fed's asset purchases. The minutes came as a surprise since Fed Chair Powell, in his press conference after the April meeting, had said that it was not the time to begin "talking about talking about" tapering.

In the near term, concerns around a potential Fed tapering announcement this year could lead the 10-year Treasury yield higher to test technical resistance at the 1.77%-1.78% level. However, we do not see this leading to a repeat of a sharp rise in yields seen earlier in the year:

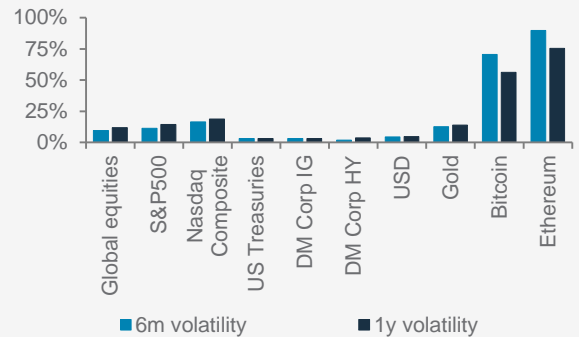
1. The Fed meeting was held prior to the release of the disappointing jobs data earlier in May
2. The current spike in inflation due to base effects is likely to subside in the next few months

Hence, while a year-end Fed taper may be plausible, yields are likely to remain in the 1.50%-1.75% range. Sooner-than-expected tapering could pose an upside risk to yields.

— Abhilash Narayan, Senior Investment Strategist

### Allocations to cryptocurrencies should be considered in inverse proportion to their volatility

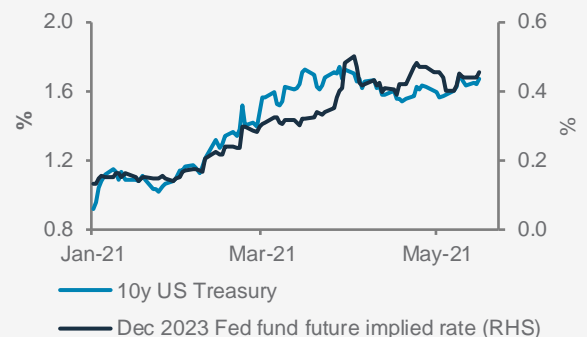
Realised 6-month and 12-month volatility of various asset classes



Source: Bloomberg, Standard Chartered

### Rate hike expectations have been the main driver of US Treasury yields in 2021

US 10Y Treasury yields, money market expectations of the Fed fund rate by Dec 2023



Source: Bloomberg, Standard Chartered

## Top client questions (cont'd)

### Q What is your view on European financials stocks?

The European financial sector is a preferred sector within Europe. In the short term, a technical pullback is possible. However, we believe it is attractive to buy-on-dips, adding exposure at 59.50 on the MSCI European Financials index (approximately 3% below the current level).

In the Q1 21 earnings season, the financial sector delivered the biggest positive earnings surprise among all sectors. There were surprises on both 1) provisions for credit losses and 2) revenue for the sector. We continue to expect improving net margins on interest income, helped by a steeper yield curve (ie. a widening gap between long and short maturity yields). Reopening continues to be a major driver, fuelled by the Euro area catching up with the US and the UK in terms of the rate of vaccination.

Overall, tailwinds for European equities may also be strengthening. The inflation data from the US last week is likely to lead to further rotation into Value equities globally, which is likely to benefit European equities. The “spectre” of tapering discussions in the US may erode US equities’ relatively favourable market liquidity profile, in favour of markets outside the US. Lastly, the weakening USD is likely to help inflows into the EUR and EUR-denominated assets.

— Daniel Lam, CFA, Senior Cross-Asset Strategist

### Q Is it time to buy China A-shares (onshore)?

In our assessment, China A-shares offer an interesting tactical opportunity given the recent test of the resistance around 5,180 as well as the bounce from its 200-day moving average. The recent price action raises the odds that the uptrend could be resuming, although the path higher is unlikely to be a smooth one (see *Cross-Asset Technicals dated 18 May 2021*).

Onshore equities have been pricing in policy tightening risks as well as a peak in the domestic economic cycle. A lot of these factors may already be in the price, in our view. However, we believe China will avoid over-tightening as its policy continues to emphasize stability, which means limiting monetary and fiscal excesses.

Chinese equities remain a core holding – meaning we expect them to perform in line with Asia ex-Japan equities. Within China, we maintain our preference for Chinese onshore equities given their heavier weights to Value-oriented stocks. The rotation from Growth to Value sectors remains very much in play, in our view.

— DJ Cheong, CFA, Investment Strategist

### Performance gap narrowing between European Financials and the broader index

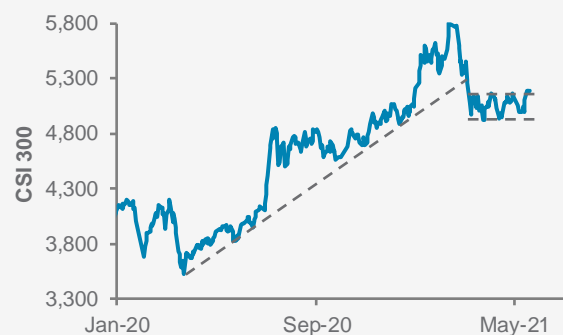
MSCI Europe Financials vs. MSCI Europe Index (rebased to 100 in May-16)



Source: Bloomberg, Standard Chartered

### Chinese onshore equities are testing a key resistance; a breakout would signal the uptrend has resumed

CSI 300 with key technical patterns/levels



Source: Bloomberg, Standard Chartered

## Top client questions (cont'd)

### Q What is the outlook for the GBP after the Scottish elections?

The GBP rally since the March-April double bottom at 1.3665 is now approaching the January high at 1.4235, driven by increasing vaccinations, ending lockdowns, rising global growth and the Bank of England being an early mover towards monetary normalisation. Following the Scottish elections, it appears that any move towards a Scottish independence vote will not happen quickly. The currency has also recovered much of its Brexit-induced “undervaluation”. The key question is, therefore, to what extent is the good news now priced in?

We believe a high-beta currency like the GBP can swing from being undervalued to overvalued, driven by long-term investors rebuilding their exposure, while short- and medium-term investors pursue tactical gains. This, combined with our view that the broad USD remains in a cyclical (12 month) downtrend, should provide strong support to the GBP.

We see key technical resistance around 1.43–1.44. This is the 2018 high, and also the 50% retracement of the large 2014–2020 decline. This resistance could temporarily hold up the GBP’s progress, but we believe broad USD weakness and an improving global economy could be a catalyst for a sustained break higher. We remain bullish GBP/USD on a 12-month horizon.

### More GBP upside over the next few months

GBP/USD with key support and resistance levels



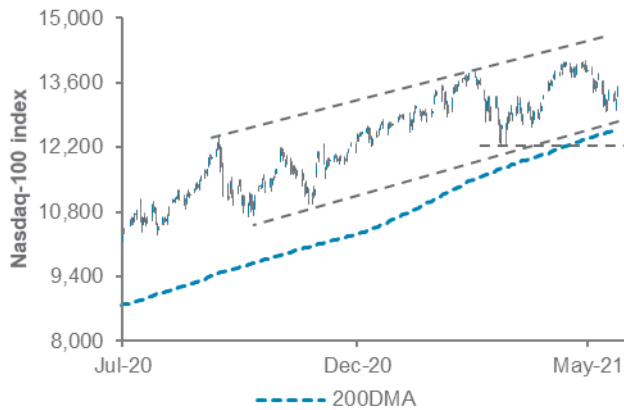
Source: Bloomberg, Standard Chartered

## Technical charts of the week

**Manish Jaradi**  
 Senior Investment Strategist

### Nasdaq: “It ain’t over till it’s over!”

Nasdaq-100 index daily chart

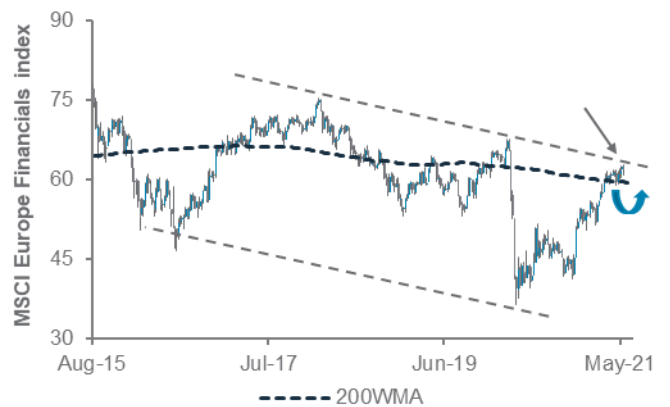


Source: Bloomberg, Standard Chartered

The index remains within its well-established channel. While the recent failure to rise towards the top of the channel poses a minor risk, the short-term uptrend remains intact while support at 12,208 holds.

### EU Financials: Short-term fatigue?

MSCI Europe Financials index daily chart

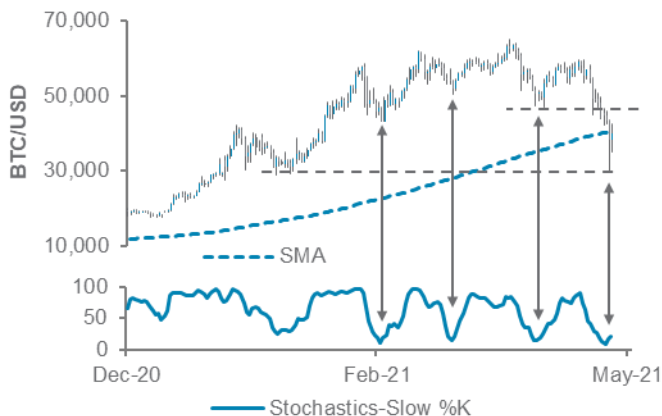


Source: Bloomberg, Standard Chartered

The index is running into stiff resistance, raising the risk of some short-term consolidation. However, any retreat could be limited. There is initial support at the April low of 58.83, stronger support is at 54.60-56.00.

### Bitcoin: Deeply oversold, rebound is likely

BTC/USD Daily chart with 200DMA and Stochastics

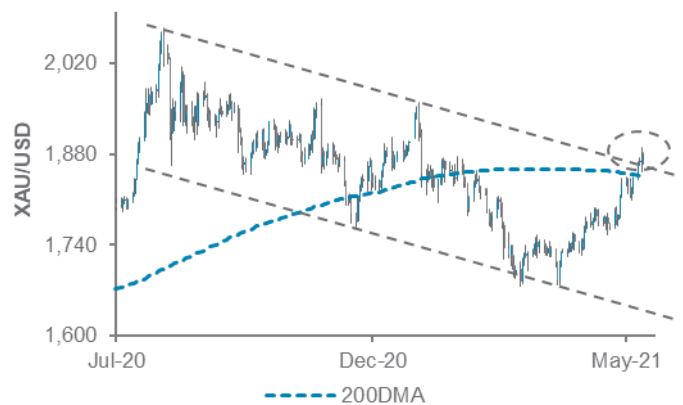


Source: Bloomberg, Standard Chartered

Strong support and deeply oversold conditions point to a rebound in Bitcoin. However, at a minimum, BTC needs to break above 47,000 for the short-term downward pressure to fade.

### Gold: Beginning to flex muscles

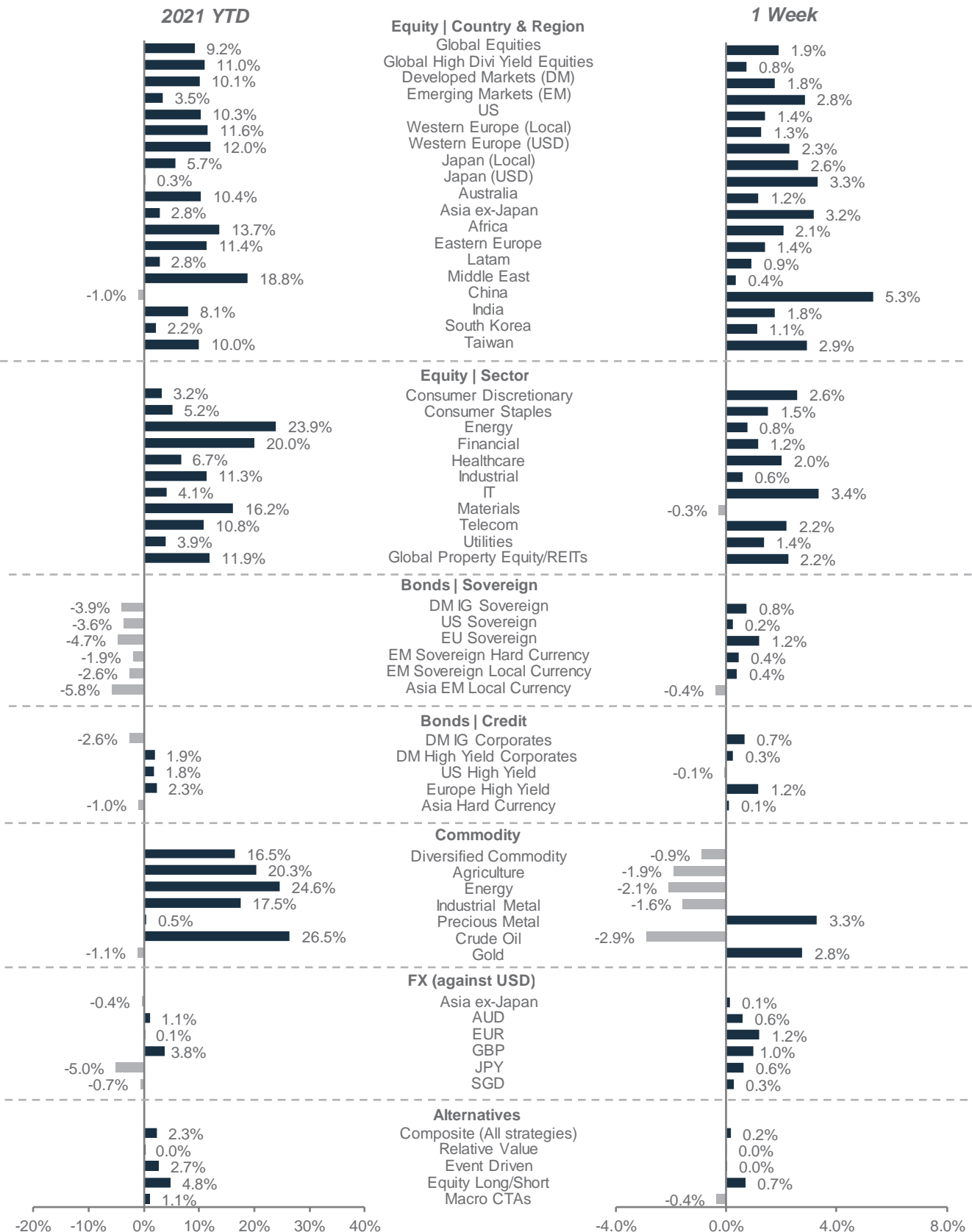
XAU/USD daily chart



Source: Bloomberg, Standard Chartered

The break above 200DMA and the downtrend channel from 2020 has opened the way towards the January high of 1,959.

## Market performance summary\*



Sources: MSCI, JP Morgan, Barclays Capital, Citigroup, Dow Jones, HFRX, FTSE, Bloomberg, Standard Chartered

\*Performance in USD terms unless otherwise stated, 2021 YTD performance from 31 December 2020 to 20 May 2021; 1-week period: 13 May 2021 to 20 May 2021



## Our asset class views at a glance

Asset class	
<b>Equities</b> ▲	<b>Alternatives</b> ◆
US ▲	Equity hedge ▲
UK ▲	Event-driven ▲
Japan ◆	Relative value ◆
Asia ex-Japan ◆	Global macro ▼
Euro area ▼	
Other EM ◆	<b>Cash</b> ▼
	USD ▼
<b>Bonds (Credit)</b> ▼	EUR ▲
Asia USD ▲	GBP ▲
Corp DM HY ▲	AUD ▲
Govt EM USD ▲	CNY ▲
Corp DM IG ▼	JPY ◆
	<b>Gold</b> ◆
<b>Bonds (Govt)</b> ▼	
Govt DM IG ▼	
Govt EM Local ◆	

Source: Standard Chartered Global Investment Committee

Legend: ▲ Most preferred | ▼ Less preferred | ◆ Core holding

## S&amp;P500 has first support 0.8% below current level

Technical indicators for key markets as on 20 May 2021

Index	Spot	1st support	1st resistance
S&P500	4,159	4,125	4,183
STOXX 50	4,000	3,952	4,033
FTSE 100	7,020	6,965	7,059
Nikkei 225	28,098	27,813	28,395
Shanghai Comp	3,507	3,489	3,527
Hang Seng	28,450	28,121	28,687
MSCI Asia ex-Japan	863	852	870
MSCI EM	1,329	1,314	1,339
Brent (ICE)	65.1	63.7	68.0
Gold	1,875	1,853	1,887
UST 10Y Yield	1.63	1.61	1.66

Source: Bloomberg, Standard Chartered

## Economic and market calendar

	Event	Next week	Period	Prior
MON	US	New Home Sales	April	1021k
	US	Conference Board Consumer Confidence	May	121.7
TUE	GE	IFO Expectations	May	99.5
WED				
THUR	CH	Industrial Profits y/y	April	92.3%
	US	Durable Goods Orders	April P	0.8%
	US	Cap Goods Orders NonDef Ex-Air	April P	1.2%
FRI/SAT	US	Personal Spending	April	4.2%
	US	PCE Deflator y/y	April	2.3%
	US	PCE Core Deflator y/y	April	1.8%

Source: Bloomberg, Standard Chartered

Prior data are for the preceding period unless otherwise indicated. Data are % change on previous period unless otherwise indicated

P - preliminary data, F - final data, sa - seasonally adjusted, y/y - year-on-year, m/m - month-on-month

## Investor diversity has normalised across assets

Our proprietary market diversity indicators as of 19 May

Level 1	Diversity	1-month trend	Fractal dimension
Global Bonds	●	↑	1.54
Global Equities	●	↑	1.74
Gold	●	↑	1.48
<b>Equity</b>			
MSCI US	●	↑	1.64
MSCI Europe	◐	→	1.44
MSCI AC AXJ	◐	↓	1.39
<b>Fixed Income</b>			
DM Corp Bond	●	↑	1.67
DM High Yield	●	↓	1.74
EM USD	●	↑	2.18
EM Local	●	↑	1.68
Asia USD	●	→	1.76
<b>Currencies</b>			
EUR/USD	●	↑	1.65

Source: Bloomberg, Standard Chartered; Fractal dimensions below 1.25 indicate extremely low market diversity/high risk of a reversal

Legend: ● High | ◐ Low to mid | ○ Critically low

## Disclosures

This document is confidential and may also be privileged. If you are not the intended recipient, please destroy all copies and notify the sender immediately. This document is being distributed for general information only and is subject to the relevant disclaimers available at <https://www.sc.com/en/regulatory-disclosures/#market-commentary-disclaimer>. It is not and does not constitute research material, independent research, an offer, recommendation or solicitation to enter into any transaction or adopt any hedging, trading or investment strategy, in relation to any securities or other financial instruments. This document is for general evaluation only. It does not take into account the specific investment objectives, financial situation or particular needs of any particular person or class of persons and it has not been prepared for any particular person or class of persons. You should not rely on any contents of this document in making any investment decisions. Before making any investment, you should carefully read the relevant offering documents and seek independent legal, tax and regulatory advice. In particular, we recommend you to seek advice regarding the suitability of the investment product, taking into account your specific investment objectives, financial situation or particular needs, before you make a commitment to purchase the investment product. Opinions, projections and estimates are solely those of SCB at the date of this document and subject to change without notice. Past performance is not indicative of future results and no representation or warranty is made regarding future performance. Any forecast contained herein as to likely future movements in rates or prices or likely future events or occurrences constitutes an opinion only and is not indicative of actual future movements in rates or prices or actual future events or occurrences (as the case may be). This document must not be forwarded or otherwise made available to any other person without the express written consent of the Standard Chartered Group (as defined below). Standard Chartered Bank is incorporated in England with limited liability by Royal Charter 1853 Reference Number ZC18. The Principal Office of the Company is situated in England at 1 Basinghall Avenue, London, EC2V 5DD. Standard Chartered Bank is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and Prudential Regulation Authority. Standard Chartered PLC, the ultimate parent company of Standard Chartered Bank, together with its subsidiaries and affiliates (including each branch or representative office), form the Standard Chartered Group. Standard Chartered Private Bank is the private banking division of Standard Chartered. Private banking activities may be carried out internationally by different legal entities and affiliates within the Standard Chartered Group (each an "SC Group Entity") according to local regulatory requirements. Not all products and services are provided by all branches, subsidiaries and affiliates within the Standard Chartered Group. Some of the SC Group Entities only act as representatives of Standard Chartered Private Bank and may not be able to offer products and services or offer advice to clients. They serve as points of contact only. ESG data has been provided by Refinitiv. Refer to <https://www.refinitiv.com/en/financial-data/company-data/esg-research-data>.

### Market Abuse Regulation (MAR) Disclaimer

Banking activities may be carried out internationally by different branches, subsidiaries and affiliates within the Standard Chartered Group according to local regulatory requirements. Opinions may contain outright "buy", "sell", "hold" or other opinions. The time horizon of this opinion is dependent on prevailing market conditions and there is no planned frequency for updates to the opinion. This opinion is not independent of Standard Chartered Group's trading strategies or positions. Standard Chartered Group and/or its affiliates or its respective officers, directors, employee benefit programmes or employees, including persons involved in the preparation or issuance of this document may at any time, to the extent permitted by applicable law and/or regulation, be long or short any securities or financial instruments referred to in this document or have material interest in any such securities or related investments. Therefore, it is possible, and you should assume, that Standard Chartered Group has a material interest in one or more of the financial instruments mentioned herein. Please refer to <https://www.sc.com/en/banking-services/market-disclaimer.html> for more detailed disclosures, including past opinions/ recommendations in the last 12 months and conflict of interests, as well as disclaimers. A covering strategist may have a financial interest in the debt or equity securities of this company/issuer. This document must not be forwarded or otherwise made available to any other person without the express written consent of Standard Chartered Group.

### Country/Market Specific Disclosures

**Botswana:** This document is being distributed in Botswana by, and is attributable to, Standard Chartered Bank Botswana Limited which is a financial institution licensed under the Section 6 of the Banking Act CAP 46.04 and is listed

in the Botswana Stock Exchange. **Brunei Darussalam:** This document is being distributed in Brunei Darussalam by, and is attributable to, Standard Chartered Bank (Brunei Branch) | Registration Number RFC/61. Standard Chartered Bank is incorporated in England with limited liability by Royal Charter 1853 Reference Number ZC18 and Standard Chartered Securities (B) Sdn Bhd, which is a limited liability company registered with the Registry of Companies with Registration Number RC20001003 and licensed by Autoriti Monetari Brunei Darussalam as a Capital Markets Service License Holder with License Number AMBD/R/CMU/S3-CL. **China Mainland:** This document is being distributed in China by, and is attributable to, Standard Chartered Bank (China) Limited which is mainly regulated by China Banking and Insurance Regulatory Commission (CBIRC), State Administration of Foreign Exchange (SAFE), and People's Bank of China (PBOC). **Hong Kong:** In Hong Kong, this document, except for any portion advising on or facilitating any decision on futures contracts trading, is distributed by Standard Chartered Bank (Hong Kong) Limited ("SCBHK"), a subsidiary of Standard Chartered PLC. SCBHK has its registered address at 32/F, Standard Chartered Bank Building, 4-4A Des Voeux Road Central, Hong Kong and is regulated by the Hong Kong Monetary Authority and registered with the Securities and Futures Commission ("SFC") to carry on Type 1 (dealing in securities), Type 4 (advising on securities), Type 6 (advising on corporate finance) and Type 9 (asset management) regulated activity under the Securities and Futures Ordinance (Cap. 571) ("SFO") (CE No. AJI614). The contents of this document have not been reviewed by any regulatory authority in Hong Kong and you are advised to exercise caution in relation to any offer set out herein. If you are in doubt about any of the contents of this document, you should obtain independent professional advice. Any product named herein may not be offered or sold in Hong Kong by means of any document at any time other than to "professional investors" as defined in the SFO and any rules made under that ordinance. In addition, this document may not be issued or possessed for the purposes of issue, whether in Hong Kong or elsewhere, and any interests may not be disposed of, to any person unless such person is outside Hong Kong or is a "professional investor" as defined in the SFO and any rules made under that ordinance, or as otherwise may be permitted by that ordinance. In Hong Kong, Standard Chartered Private Bank is the private banking division of Standard Chartered Bank (Hong Kong) Limited. **Ghana:** Standard Chartered Bank Ghana Limited accepts no liability and will not be liable for any loss or damage arising directly or indirectly (including special, incidental or consequential loss or damage) from your use of these documents. Past performance is not indicative of future results and no representation or warranty is made regarding future performance. You should seek advice from a financial adviser on the suitability of an investment for you, taking into account these factors before making a commitment to invest in an investment. To unsubscribe from receiving further updates, please click [here](#). Please do not reply to this email. Call our Priority Banking on 0302610750 for any questions or service queries. You are advised not to send any confidential and/or important information to the Bank via e-mail, as the Bank makes no representations or warranties as to the security or accuracy of any information transmitted via e-mail. The Bank shall not be responsible for any loss or damage suffered by you arising from your decision to use e-mail to communicate with the Bank. **India:** This document is being distributed in India by Standard Chartered Bank in its capacity as a distributor of mutual funds and referrer of any other third party financial products. Standard Chartered Bank does not offer any 'Investment Advice' as defined in the Securities and Exchange Board of India (Investment Advisers) Regulations, 2013 or otherwise. Services/products related securities business offered by Standard Chartered Bank are not intended for any person, who is a resident of any jurisdiction, the laws of which imposes prohibition on soliciting the securities business in that jurisdiction without going through the registration requirements and/or prohibit the use of any information contained in this document. **Indonesia:** This document is being distributed in Indonesia by Standard Chartered Bank, Indonesia branch, which is a financial institution licensed, registered and supervised by Otoritas Jasa Keuangan (Financial Service Authority). **Jersey:** The Jersey Branch of Standard Chartered Bank is regulated by the Jersey Financial Services Commission. Copies of the latest audited accounts of Standard Chartered Bank are available from its principal place of business in Jersey: PO Box 80, 15 Castle Street, St Helier, Jersey JE4 8PT. Standard Chartered Bank is incorporated in England with limited liability by Royal Charter in 1853 Reference Number ZC 18. The Principal Office of the Company is situated in England at 1 Basinghall Avenue, London, EC2V 5DD. Standard Chartered Bank is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and Prudential Regulation Authority. The Jersey Branch of Standard Chartered Bank is also an authorised financial services provider under license number 44946 issued by the Financial Sector Conduct Authority of the Republic of South Africa. Jersey is not part of the United Kingdom and all business transacted with Standard Chartered Bank, Jersey Branch and other SC Group Entity outside of the United Kingdom, are not subject to some or any of the investor protection and compensation schemes available under United Kingdom law. **Kenya:** This document is being distributed in Kenya by, and is attributable to Standard Chartered Bank Kenya Limited. Investment Products and Services are

distributed by Standard Chartered Investment Services Limited, a wholly owned subsidiary of Standard Chartered Bank Kenya Limited (Standard Chartered Bank/the Bank) that is licensed by the Capital Markets Authority as a Fund Manager. Standard Chartered Bank Kenya Limited is regulated by the Central Bank of Kenya. **Malaysia:** This document is being distributed in Malaysia by Standard Chartered Bank Malaysia Berhad. Recipients in Malaysia should contact Standard Chartered Bank Malaysia Berhad in relation to any matters arising from, or in connection with, this document. **Nigeria:** This document is being distributed in Nigeria by Standard Chartered Bank Nigeria Limited (“the Bank”), a bank duly licensed and regulated by the Central Bank of Nigeria. The Bank accepts no liability for any loss or damage arising directly or indirectly (including special, incidental or consequential loss or damage) from your use of these documents. You should seek advice from a financial adviser on the suitability of an investment for you, taking into account these factors before making a commitment to invest in an investment. To unsubscribe from receiving further updates, please click the link at the bottom of this email or send an email to [clientcare.ng@sc.com](mailto:clientcare.ng@sc.com) requesting to be removed from our mailing list. Please do not reply to this email. Call our Priority Banking on 01-2772514 for any questions or service queries. The Bank shall not be responsible for any loss or damage arising from your decision to send confidential and/or important information to the Bank via e-mail, as the Bank makes no representations or warranties as to the security or accuracy of any information transmitted via e-mail. **Pakistan:** This document is being distributed in Pakistan by, and attributable to Standard Chartered Bank (Pakistan) Limited having its registered office at PO Box 5556, I.I Chundrigar Road Karachi, which is a banking company registered with State Bank of Pakistan under Banking Companies Ordinance 1962 and is also having licensed issued by Securities & Exchange Commission of Pakistan for Security Advisors. Standard Chartered Bank (Pakistan) Limited acts as a distributor of mutual funds and referrer of other third-party financial products. **Singapore:** This document is being distributed in Singapore by, and is attributable to, Standard Chartered Bank (Singapore) Limited (Registration No. 201224747C/ GST Group Registration No. MR-8500053-0, “SCBSL”). Recipients in Singapore should contact SCBSL in relation to any matters arising from, or in connection with, this document. SCBSL is an indirect wholly owned subsidiary of Standard Chartered Bank and is licensed to conduct banking business in Singapore under the Singapore Banking Act, Chapter 19. Standard Chartered Private Bank is the private banking division of SCBSL. IN RELATION TO ANY SECURITY OR SECURITIES-BASED DERIVATIVES CONTRACT REFERRED TO IN THIS DOCUMENT, THIS DOCUMENT, TOGETHER WITH THE ISSUER DOCUMENTATION, SHALL BE DEEMED AN INFORMATION MEMORANDUM (AS DEFINED IN SECTION 275 OF THE SECURITIES AND FUTURES ACT, CHAPTER 289 (“SFA”). THIS DOCUMENT IS INTENDED FOR DISTRIBUTION TO ACCREDITED INVESTORS, AS DEFINED IN SECTION 4A(1)(a) OF THE SFA, OR ON THE BASIS THAT THE SECURITY OR SECURITIES-BASED DERIVATIVES CONTRACT MAY ONLY BE ACQUIRED AT A CONSIDERATION OF NOT LESS THAN S\$200,000 (OR ITS EQUIVALENT IN A FOREIGN CURRENCY) FOR EACH TRANSACTION. Further, in relation to any security or securities-based derivatives contract, neither this document nor the Issuer Documentation has been registered as a prospectus with the Monetary Authority of Singapore under the SFA. Accordingly, this document and any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of the product may not be circulated or distributed, nor may the product be offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to persons other than a relevant person pursuant to section 275(1) of the SFA, or any person pursuant to section 275(1A) of the SFA, and in accordance with the conditions specified in section 275 of the SFA, or pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA. In relation to any collective investment schemes referred to in this document, this document is for general information purposes only and is not an offering document or prospectus (as defined in the SFA). This document is not, nor is it intended to be (i) an offer or solicitation of an offer to buy or sell any capital markets product; or (ii) an advertisement of an offer or intended offer of any capital markets product. **Deposit Insurance Scheme:** Singapore dollar deposits of non-bank depositors are insured by the Singapore Deposit Insurance Corporation, for up to S\$75,000 in aggregate per depositor per Scheme member by law. Foreign currency deposits, dual currency investments, structured deposits and other investment products are not insured. This advertisement has not been reviewed by the Monetary Authority of Singapore. **Taiwan:** Standard Chartered Bank (“SCB”) or Standard Chartered Bank (Taiwan) Limited (“SCB (Taiwan)”) may be involved in the financial instruments contained herein or other related financial instruments. The author of this document may have discussed the information contained herein with other employees or agents of SCB or SCB (Taiwan). The author and the above-mentioned employees of SCB or SCB (Taiwan) may have taken related actions in respect of the information involved (including communication with customers of SCB or SCB (Taiwan) as to the information contained herein). The opinions contained in this document may change, or differ from the opinions of employees of SCB or SCB (Taiwan). SCB and SCB (Taiwan) will not provide

any notice of any changes to or differences between the above-mentioned opinions. This document may cover companies with which SCB or SCB (Taiwan) seeks to do business at times and issuers of financial instruments. Therefore, investors should understand that the information contained herein may serve as specific purposes as a result of conflict of interests of SCB or SCB (Taiwan). SCB, SCB (Taiwan), the employees (including those who have discussions with the author) or customers of SCB or SCB (Taiwan) may have an interest in the products, related financial instruments or related derivative financial products contained herein; invest in those products at various prices and on different market conditions; have different or conflicting interests in those products. The potential impacts include market makers' related activities, such as dealing, investment, acting as agents, or performing financial or consulting services in relation to any of the products referred to in this document. **UAE:** DIFC - Standard Chartered Bank is incorporated in England with limited liability by Royal Charter 1853 Reference Number ZC18. The Principal Office of the Company is situated in England at 1 Basinghall Avenue, London, EC2V 5DD. Standard Chartered Bank is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and Prudential Regulation Authority. Standard Chartered Bank, Dubai International Financial Centre having its offices at Dubai International Financial Centre, Building 1, Gate Precinct, P.O. Box 999, Dubai, UAE is a branch of Standard Chartered Bank and is regulated by the Dubai Financial Services Authority ("DFSA"). This document is intended for use only by Professional Clients and is not directed at Retail Clients as defined by the DFSA Rulebook. In the DIFC we are authorised to provide financial services only to clients who qualify as Professional Clients and Market Counterparties and not to Retail Clients. As a Professional Client you will not be given the higher retail client protection and compensation rights and if you use your right to be classified as a Retail Client we will be unable to provide financial services and products to you as we do not hold the required license to undertake such activities. For Islamic transactions, we are acting under the supervision of our Shariah Supervisory Committee. Relevant information on our Shariah Supervisory Committee is currently available on the Standard Chartered Bank website in the Islamic banking section at: <https://www.sc.com/en/banking/islamic-banking/islamic-banking-disclaimers/> **UAE:** For residents of the UAE – Standard Chartered Bank UAE does not provide financial analysis or consultation services in or into the UAE within the meaning of UAE Securities and Commodities Authority Decision No. 48/r of 2008 concerning financial consultation and financial analysis. **Uganda:** Our Investment products and services are distributed by Standard Chartered Bank Uganda Limited, which is licensed by the Capital Markets Authority as an investment adviser. **United Kingdom:** Standard Chartered Bank (trading as Standard Chartered Private Bank) is an authorised financial services provider (license number 45747) in terms of the South African Financial Advisory and Intermediary Services Act, 2002. **Vietnam:** This document is being distributed in Vietnam by, and is attributable to, Standard Chartered Bank (Vietnam) Limited which is mainly regulated by State Bank of Vietnam (SBV). Recipients in Vietnam should contact Standard Chartered Bank (Vietnam) Limited for any queries regarding any content of this document. **Zambia:** This document is distributed by Standard Chartered Bank Zambia Plc, a company incorporated in Zambia and registered as a commercial bank and licensed by the Bank of Zambia under the Banking and Financial Services Act Chapter 387 of the Laws of Zambia.