



Weekly Market View

Stagflation or reflation?

There is a building narrative that the world may be shifting from a reflation to a stagflation regime. While it is likely that global growth will slow as emergency stimuli are unwound and that inflation will stay elevated for longer due to supply constraints, we believe key indicators are not pointing to a stagflation outlook. As such, we would use any market dislocation to add exposure to risk assets.

Equities: Technical indicators and fundamentals point to limited further downside in US and Euro area equities. We prefer the Value sectors, which are likely to benefit from the reflation theme.

Bonds: We continue to believe Asian High Yield bonds offer attractive value. US bond market history suggests High Yield bonds deliver strong returns in the 12 months after a period of substantial yield spread widening.

FX: EUR/USD has strong support near 1.1490, though there is a risk of final capitulation of long EUR positions.



Do higher oil prices support your equity market view?

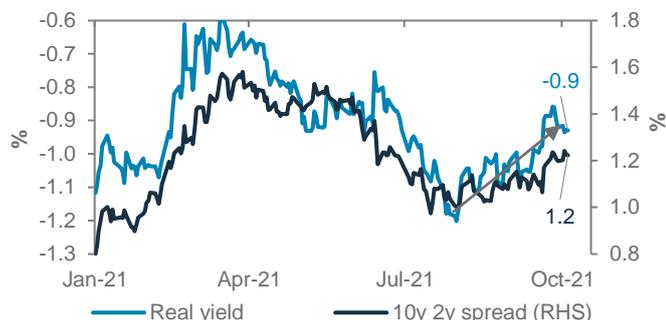
Peak USD – are we there yet?

What is the technical outlook for crude oil and energy sector equities?

Charts of the week: Signs of reflation

A steeper US yield curve¹, rising real² US Treasury yield and outperformance of Value stocks are signs of reflation

US 10-year, 2-year Treasury yield curve¹; real Treasury yield²



Ratio of US Value vs Growth stock indices



Source: Bloomberg, Standard Chartered; ¹Yield premium of US 10-year Treasuries over 2-year Treasuries; ²Net-of-inflation

Editorial

Stagflation or reflation?

A confluence of factors has led risk assets to swoon and bond yields and the USD to rise in recent weeks. Increasingly hawkish central banks, global energy shortages, prolonged supply bottlenecks, China's continued policy-driven slowdown and US debt default concerns have all played a part in building the narrative that the world may be shifting from a reflation to a stagflation regime. While it is likely that global growth will slow as emergency stimuli are unwound and that inflation will stay elevated for longer due to supply constraints, we believe critical indicators are still not pointing to a stagflation outlook.

If anything, the rise in real (net-of-inflation) bond yields and steeper bond yield curves in the US and Europe since the Fed's and ECB's latest policy meetings suggest investors have a renewed faith in reflation. We expect stronger US and Euro area growth and moderately higher inflation in the coming year compared with the pre-pandemic decade. This reflationary outlook is backed by a few other metrics: (i) US and European High Yield (HY) bond spreads over government bonds, often indicators of a downturn in the economic cycle, remain close to record lows; (ii) global business confidence (PMIs) stabilised at robust levels in September, especially in the US, after a few months of slowdown; (iii) US and European new orders-to-inventories remain robust amid severely depleted inventories; (iv) global COVID-19 cases and hospitalisations continue to fall, including in the US, as vaccinations rise; (v) an oral COVID pill from Merck, which could cut hospitalisations; (vi) the US job market continues to improve, with jobless benefit claims at pandemic lows, and; (vii) US long-term inflation expectations remain within their long-term range (though German expectations have risen to the highest since 2013).

Of course, we would closely watch several near-term risks, including US Democrats' ability to get their proposed fiscal spending package approved by the Congress (debt ceiling

concerns have eased for now with the Senate agreeing to raise the ceiling till December). The nature of a future German government is important for European risk assets, with a coalition comprising of the socialist SPD, the Greens and the liberal FDP likely to lift fiscal spending. The other focus is on China: will it succeed in ring-fencing Evergrande's challenges and take steps to prop up growth? Finally, we need to see whether Russia's offer of more gas supplies to Europe and China's move to lift coal supplies ease their energy shortages. A harsh winter amid energy shortages risk further fuel inflation, with knock-on effects on growth and inflation expectations.

While these challenges could sustain short-term market volatility, we expect them to be resolved favourably as most are policy-driven and governments are ultimately likely to favour sustaining the reflationary environment. In the US, Democrats can use the so-called reconciliation process to get a spending bill approved by the Congress (albeit with a curtailed spending plan). Meanwhile, major central banks have emphasised they remain data driven. Their recent hawkish stance is based on the significant recovery in job markets since the depths of the pandemic. They are also, arguably, buying insurance against any prolonged burst of inflation. We expect them to push back against rate hike expectations if their economies slow.

As such, we see any further decline in risk assets as an opportunity to add exposure to our preferred assets, especially US and Euro area equities, where the earnings outlook remains robust, and US and European HY corporate and Emerging Market (EM) and Asia USD bonds (see pages 4-5). The renewed outperformance of Value stocks is in line with our long-held view that Value-style is likely to benefit from the reflationary regime. The recent outperformance of sectors linked to the economic reopening theme suggest investors are also backing a reflation, instead of a stagflation, outcome.

— Rajat Bhattacharya

The weekly macro balance sheet

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

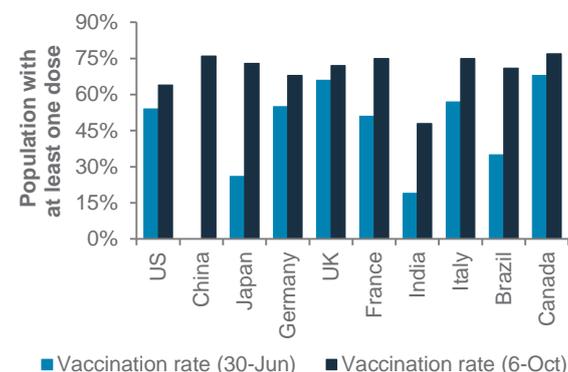
(+) factors: Peak COVID; US, Euro area PMI; US default concerns ease

(-) factors: Weak Euro area retail sales, rising headline inflation

| | Positive for risk assets | Negative for risk assets |
|----------------------------|---|---|
| COVID-19 | <ul style="list-style-type: none"> New cases in the US, Euro area, Japan, Latin America, Asia continued to fall; US hospitalisations continued to fall as vaccinations rose Hospitalisations and deaths in the highly vaccinated UK remain well below prior waves despite still-elevated level of infections Merck said an experimental anti-viral oral pill cut COVID-19-related hospitalisations significantly | <ul style="list-style-type: none"> New infections, fatalities hit a new record in Australia and New Zealand extended the lockdown in Auckland amid a renewed rise in cases New cases, hospitalisations in Canada remained elevated. New cases, fatalities hit a new record in Singapore. Both countries have very high levels of vaccinations |
| | Our assessment: Positive – Peak global cases, Merck oral pill | |
| Macro data | <ul style="list-style-type: none"> US private payrolls (ADP), ISM Manufacturing/Services PMIs, factory orders rose more than expected; jobless claims fell below estimates US core PCE inflation rose less than expected Euro area composite PMI rose more than expected; producer prices accelerated less than expected | <ul style="list-style-type: none"> Euro area retail sales gains stalled unexpectedly; Sentix investor confidence fell Euro area headline inflation rose more than expected German factory orders fell more than expected; retail sales rose less than expected Japan's leading economic indicator fell below estimate |
| | Our assessment: Neutral – Robust US, Euro area PMIs vs weaker Euro area retail sales, rising consumer inflation | |
| Policy developments | <ul style="list-style-type: none"> US Senate approved a short-term debt ceiling increase until December New Zealand's central bank raised rates for the first time in 7 years, as expected | <ul style="list-style-type: none"> Japan's new Prime Minister Kishida proposed a tax rise on capital gains |
| | Our assessment: Positive – Easing US debt default concerns | |
| Other developments | <ul style="list-style-type: none"> Putin said Russia could export record natural gas to Europe to meet shortages | |
| | Our assessment: Positive – Easing Europe gas supply concerns | |

COVID-19 vaccination rates have risen worldwide in recent weeks

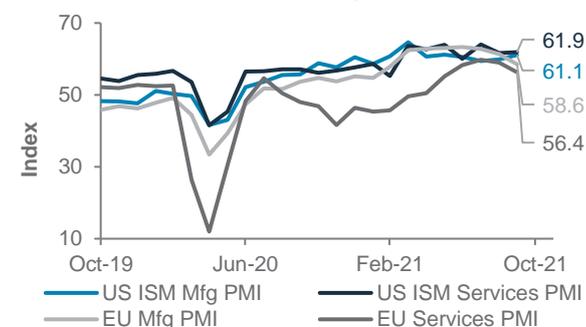
Percentage of population given at least one vaccine dose in the world's 10 largest economies vs end of Q2



Source: Our World in Data, Standard Chartered

Business confidence remains high in both the US and Euro area after a slowdown in recent months

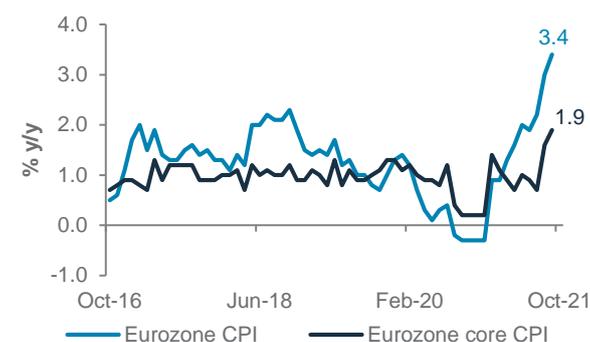
US and Euro area manufacturing/services sector PMIs



Source: Bloomberg, Standard Chartered

Euro area core inflation has started to rise alongside headline inflation due to the impact of rising energy prices

Euro area core and headline consumer inflation



Source: Bloomberg, Standard Chartered

Top client questions

Q Is further downside likely in US and Euro area equities?

We expect further downside in US and European stock markets to be limited from current levels. On technical grounds, the pullback in the S&P500 index appears similar to past dips – more of a pause than a prolonged correction. As the accompanying charts show, the MACD on the daily chart is approaching levels that triggered a rebound in previous episodes. This comes as the US benchmark index approaches strong support on the 200DMA (Day Moving Average). Furthermore, bearish sentiment is elevated – 5 of our 6 investor sentiment metrics are indicating ‘fear’. The Q3 21 earnings season could be a catalyst that sets a floor under the index just as bullish Q4 seasonality kicks in. Q3 21 earnings growth expectations have been raised to 28% y/y, from 24% at the end of June 2021, led by Value sectors such as materials, financials and energy.

The MSCI Euro area index’s break below technical support at the mid-August low of 152 indicates that the upward pressure has faded in the short term. Like its US counterpart, though, the index has strong support on the 200DMA, roughly coinciding with the July low at 141 (4% from Thursday’s close), followed by the May low of 138. Overall, this suggests the recent retreat does not alter the medium-term upward trajectory. We remain bullish on a 12-month horizon.

- Manish Jaradi, Senior Investment Strategist
- Daniel Lam, CFA, Senior Cross-asset Strategist
- Francis Lim, Senior Investment Strategist

Q Peak USD – are we there yet?

Real interest rate differentials, as shown in the chart, should have weighed on the USD, but a delayed global recovery and recent inflation fears have driven many USD bears to the sidelines.

A weaker USD has been elusive, but a number of potential catalysts could trigger the dollar to turn lower in the coming weeks. A Fed reconfirmation of its Average Inflation Targeting policy, which allows it to tolerate higher inflation, would reduce worries of higher real yields; a new German coalition government could create a strong shift in favour of fiscal expansion in the Euro area; and China could step up policy support to counter slowing growth after regulatory changes. Investor sentiment may also improve as higher post-COVID-19 mobility and key energy producer strategies align to relieve supply-side shortages. All of these factors could trigger flows to non-US assets, which has thus far been the missing component.

EUR/USD is the key focus for a USD turn. Technical support around 1.1490 is key, though there is a risk of a final capitulation of long EUR positions towards 1.1290 if that level breaks. The pair needs to recover above 1.1700-1.1750 to relieve the downward pressure. A sustained break above 1.1900 would be bullish.

US Equities: Approaching a bottom?

S&P 500 index daily chart with 200-DMA and MACD



Source: Bloomberg, Standard Chartered

Our US sentiment indicators are suggesting a lot of the risks are already priced into the market

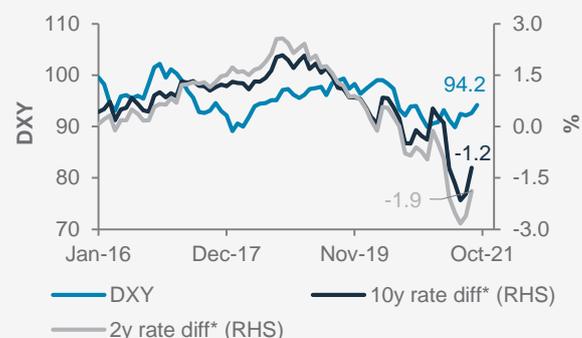
US short-term market sentiment indicators; our assessment relative to rolling 3-year average

| Indicator | Signal |
|-------------------|--------|
| Market momentum | Fear |
| Equity strength | Fear |
| Market breadth | Fear |
| Equity vs bonds | Fear |
| Market volatility | Fear |
| Put-call ratio | Greed |

Source: Bloomberg, Standard Chartered

The USD has not yet declined in line with real interest rate differentials, but it may simply be awaiting a catalyst

USD (DXY) Index with US-DXY members-weighted interest rate differentials



Source: Bloomberg, Standard Chartered

*Derived using 10-year government bond yields of DXY members, deflated by respective CPI indices

Top client questions (cont'd)

Q Do higher oil prices support your equity market view?

Oil prices hit multi-year highs recently amid a confluence of factors:

1. OPEC+ stuck to its planned 400,000bpd monthly output increase
2. The coal shortage in China, caused by strong domestic demand and coal mining constraints amid a transition to a green economy
3. Below-average natural gas inventory in Europe, exacerbated by Russia exporting less gas than usual and competing demand from Asia and Brazil
4. A looming winter season, when heating power demand in the northern hemisphere usually rises

However, energy sector equities in the US, Europe and China have lagged oil prices in the past year. We believe this presents a catch-up opportunity for energy sector equities, one of our preferred sectors. Energy companies went through significant cost rationalisation during the pandemic and remain disciplined in capex, which places them in a stronger financial position than during the pre-pandemic days. In the US, Europe and China, the energy sector trades at relatively lower valuation multiples (34-43% discount to the broad market) and attractive dividend yields (4-7%). We believe the sector would also benefit from an investor rotation to Value equities. Higher bond yields and a continued cyclical recovery are primary factors for a rotation to the Value style, including the energy sector.

— Fook Hien Yap, Senior Investment Strategist

Q Do data and events support your constructive view on Asia HY bonds?

Asia HY bond valuations (measured by credit spreads) continued to cheapen towards COVID-19 crisis levels amid concerns about more defaults among smaller Chinese property developers.

Despite this, we believe risk/reward favours a constructive view on Asia HY bonds. Contagion risk is likely to be contained given incentives for China's authorities to avoid a broad fallout and the fact that most developers have improved their balance sheet strength since the '3 red lines' policy came into effect. The overnight Shibor rate is also not showing any signs of liquidity stress, unlike 2013.

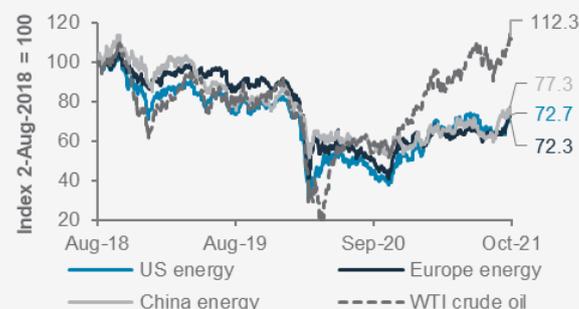
A sharper-than-expected economic growth slowdown in China or margin contraction (from higher input prices with little pass through to end users) are risks to corporate fundamentals we would monitor.

We believe Asian HY bonds offer good value, with the spread rising c. 380bps since end-May. Since 2001, when Developed Market (DM) HY bond spreads widened by at least 350bps within 6 months (based on month-end data), the subsequent 12-month return was more than 20%, significantly higher than the mean historical 12-month return of 8.92%. While Asian HY bonds have a shorter history, the past performance of DM HY bonds could offer a directional reference.

— Cedric Lam, Senior Investment Strategist

The oil price has recovered back above mid-2018 levels, but energy sector equities now lag the oil price by over 30%

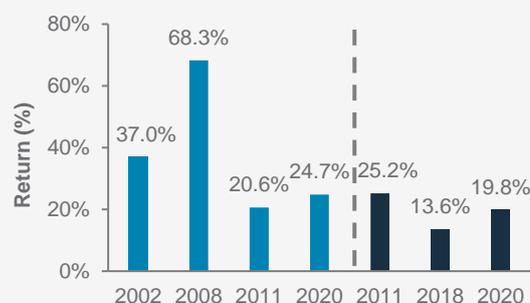
Relative performance of MSCI US energy, MSCI Europe energy, MSCI China energy equity indices and WTI crude oil price



Source: Refinitiv, Standard Chartered

High Yield bonds tend to deliver better-than-historical average returns after a period of substantial yield spread widening

12-month returns after index credit spread widens by at least 350bps, based on month-end data



Source: Bloomberg, Standard Chartered
(Blue: DM HY; Black: Asia HY USD)

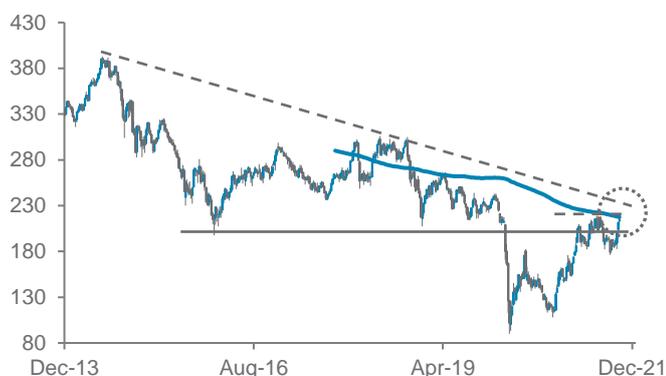
Technical charts of the week

Manish Jaradi

Senior Investment Strategist

US Energy equities: Encounters stiff resistance

MSCI USA Energy index weekly chart with 200WMA

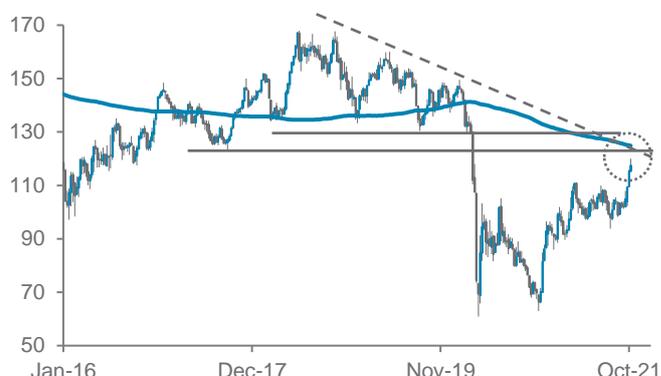


Source: Bloomberg, Standard Chartered

Although the US energy index is encountering stiff resistance (the 200WMA, a downtrend line from 2014, a horizontal trendline from 2016 and the June 2021 high), the higher-top-higher-bottom structure from 2020 raises the odds of it overcoming this resistance in the coming weeks/months.

EU Energy equities: Two steps forward, one step back

MSCI Europe Energy index weekly chart with 200WMA

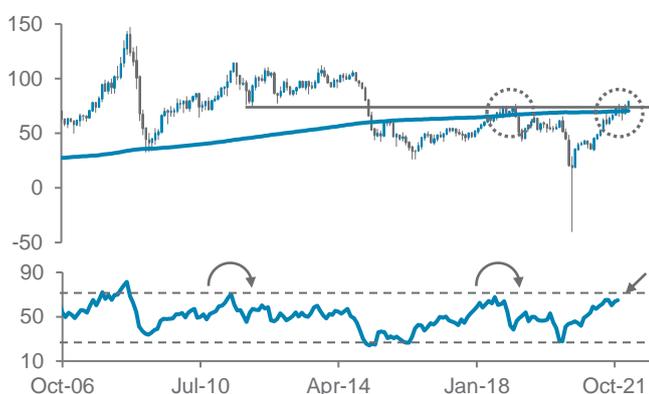


Source: Bloomberg, Standard Chartered

The EU energy sector index is running into stiff resistance. Although a minor retreat cannot be ruled out, the overall recovery trajectory remains intact. Owing to the extent of damage in recent years, the two steps forward, one step back story could continue for some time.

Crude oil: Time for a pause?

WTI crude oil continuous contract monthly chart with 200DMA and RSI

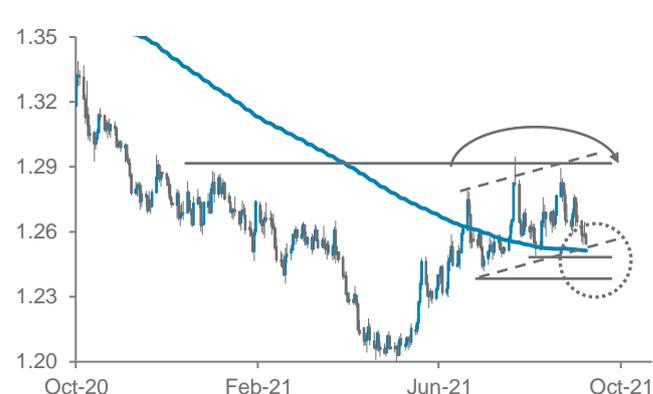


Source: Refinitiv, Standard Chartered

Crude oil's uptrend could be about to pause as it runs into major resistance. The 14-month Relative Strength Index (RSI) is nearing 70, which has led to a pause in the past. However, oil has fairly strong support on the 200DMA (now at 64.75), which could limit any decline.

USD/CAD: Plenty of support

USD/CAD daily chart with 200DMA



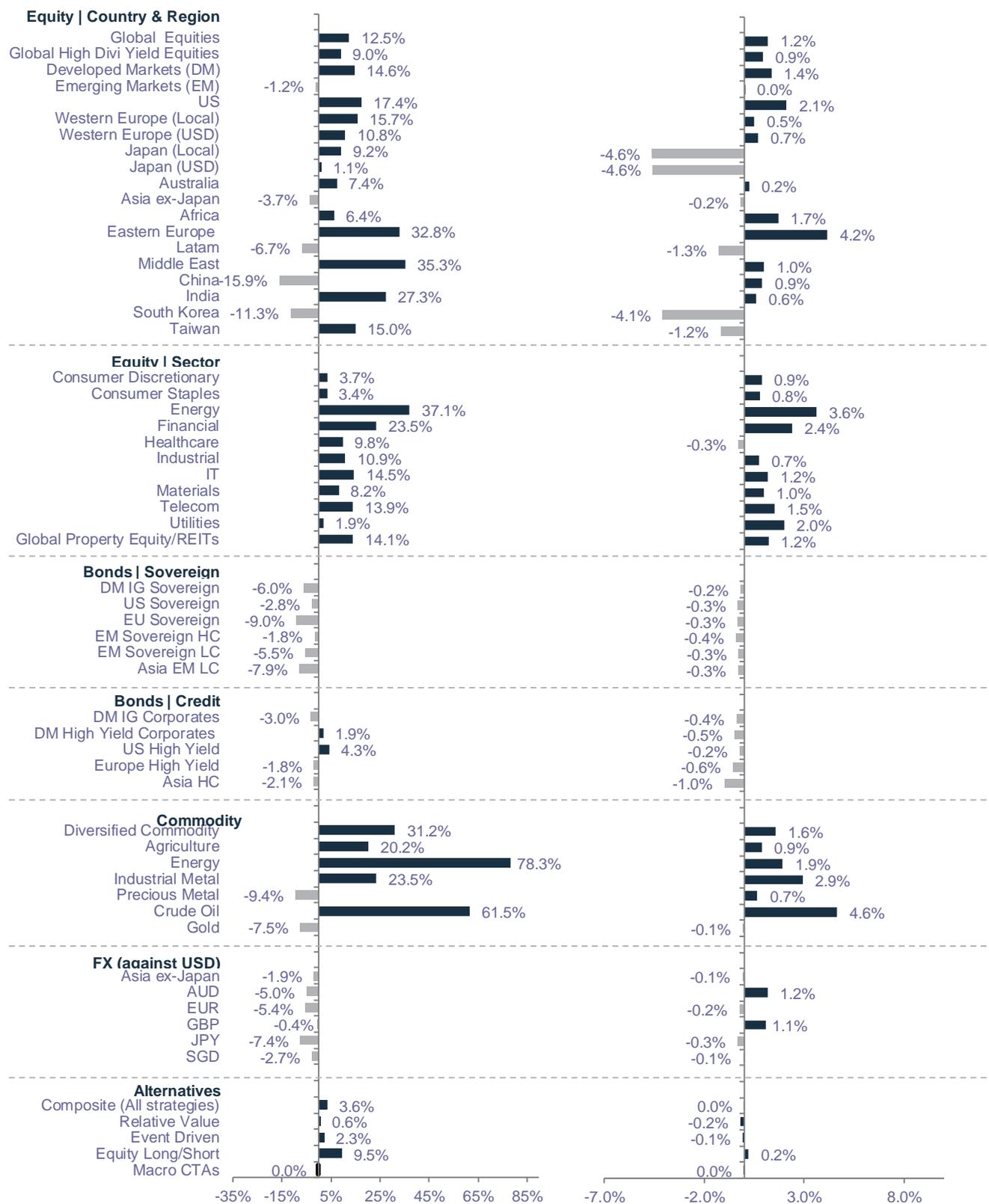
Source: Refinitiv, Standard Chartered

USD/CAD's four-month-long rally is showing signs of fatigue – it has had three failed attempts to clear tough resistance on a horizontal trendline from June 2021. However, there is plenty of support on the downside, which could limit the decline and keep the upward pressure intact.

Market performance summary *

2021 YTD

1 Week



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 07 October 2021; 1-week period: 30 September 2021 to 07 October 2021

Our asset class views at a glance

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

Source: Standard Chartered Global Investment Committee

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

S&P500 has first support 1.5% below current level

Technical indicators for key markets as on 07 October 2021

| Index | Spot | 1st support | 1st resistance |
|--------------------|--------|-------------|----------------|
| S&P500 | 4,400 | 4,334 | 4,433 |
| STOXX 50 | 4,098 | 4,030 | 4,132 |
| FTSE 100 | 7,078 | 7,023 | 7,105 |
| Nikkei 225 | 27,678 | 27,214 | 28,457 |
| Shanghai Comp | 3,568 | 3,536 | 3,601 |
| Hang Seng | 24,702 | 24,212 | 24,947 |
| MSCI Asia ex-Japan | 800 | 788 | 806 |
| MSCI EM | 1,253 | 1,236 | 1,262 |
| Brent (ICE) | 82.0 | 80.0 | 83.2 |
| Gold | 1,754 | 1,749 | 1,764 |
| UST 10Y Yield | 1.58 | 1.50 | 1.62 |

Source: Bloomberg, Standard Chartered

Economic and market calendar

| | Event | Next week | Period | Prior |
|-------------|-------|------------------------------|--------|----------|
| MON | | | | |
| TUE | EU | ZEW Survey Expectations | Oct | 31.1% |
| WED | US | CPI y/y | Sep | 5.3% |
| | CH | Trade Balance | Sep | \$58.34b |
| | CH | Exports y/y | Sep | 0.256 |
| THUR | CH | Imports y/y | Sep | 33.1% |
| | CH | CPI y/y | Sep | 0.008 |
| | CH | PPI y/y | Sep | 9.5% |
| FRI/ SAT | US | Initial Jobless Claims | 9-Oct | - |
| | US | Retail Sales Ex Auto and Gas | Sep | 2.0% |
| | US | U. of Mich. Sentiment | Oct P | 72.8 |

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 remains normal across major assets

Our proprietary market diversity indicators as of 06 October

| Level 1 | Diversity | 1-month trend | Fractal dimension |
|---------------------|-----------|---------------|-------------------|
| Global Bonds | ● | ↓ | 1.46 |
| Global Equities | ● | ↑ | 1.66 |
| Gold | ● | ↑ | 1.61 |
| Equity | | | |
| MSCI US | ● | ↑ | 2.46 |
| MSCI Europe | ● | ↓ | 1.52 |
| MSCI AC AXJ | ● | → | 1.39 |
| Fixed Income | | | |
| DM Corp Bond | ● | ↓ | 1.44 |
| DM High Yield | ● | ↓ | 1.61 |
| EM USD | ● | → | 1.51 |
| EM Local | ● | → | 1.50 |
| Asia USD | ● | ↓ | 1.52 |
| Currencies | | | |
| EUR/USD | ● | ↑ | 1.42 |

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. #ESG data has been provided by Sustainalytics. Refer to <https://www.sustainalytics.com/esg-data> for more information.

Copyright © 2021, Accounting Research & Analytics, LLC d/b/a CFRA (and its affiliates, as applicable). Reproduction of content provided by CFRA in any form is prohibited except with the prior written permission of CFRA. CFRA content is not investment advice and a reference to or observation concerning a security or investment provided in the CFRA SERVICES is not a recommendation to buy, sell or hold such investment or security or make any other investment decisions. The CFRA content contains opinions of CFRA based upon publicly-available information that CFRA believes to be reliable and the opinions are subject to change without notice. This analysis has not been submitted to, nor received approval from, the United States Securities and Exchange Commission or any other regulatory body. While CFRA exercised due care in compiling this analysis, CFRA, ITS THIRD-PARTY SUPPLIERS, AND ALL RELATED ENTITIES SPECIFICALLY DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, to the full extent permitted by law, regarding the accuracy, completeness, or usefulness of this information and assumes no liability with respect to the consequences of relying on this information for investment or other purposes. No content provided by CFRA (including ratings, credit-related analyses and data, valuations, model, software or other application or output therefrom) or any part thereof may be modified, reverse engineered, reproduced or distributed in any form by any means, or stored in a database or retrieval system, without the prior written permission of CFRA, and such content shall not be used for any unlawful or unauthorized purposes. CFRA and any third-party providers, as well as their directors, officers, shareholders, employees or agents do not guarantee the accuracy, completeness, timeliness or availability of such content. In no event shall CFRA, its affiliates, or their third-party suppliers be liable for any direct, indirect, special, or consequential damages, costs, expenses, legal fees, or losses (including lost income or lost profit and opportunity costs) in connection with a subscriber's, subscriber's customer's, or other's use of CFRA's content.

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. AJ1614). 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 PLC 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 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.