

Weekly Market View

The return of reflation?

Latest central bank growth forecast upgrades suggest the pandemic-led downturn is likely to be less severe than previously expected. This is likely to lend fundamental support to the liquidity-driven risk asset rally. We would use any pullback to add exposure to risk assets.

Equities: China's consumer discretionary sector offers an attractive opportunity to gain exposure to the recovery in consumption

Bonds: We remain positive on Asia High Yield USD bonds due to their still-cheap valuations and our constructive view on China's economic recovery

FX: We expect more short-term USD gains ahead of the US elections; however, we expect EUR/USD to hold above 1.1490 technical support level

Also find out...

Are M&As a new catalyst for US equities?

Is there more downside in the US technology sector?

Will US equity market volatility decline further?

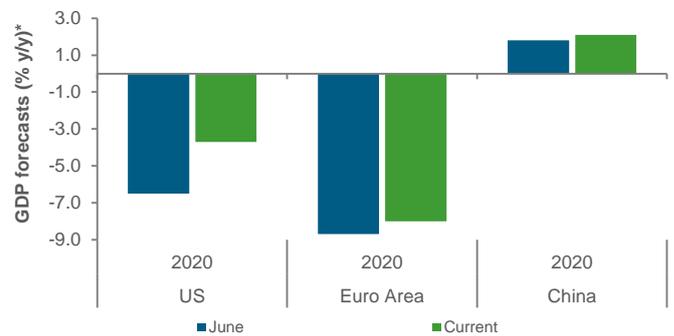
Charts of the week: Not as bad as feared

VIX, the market's "fear gauge", has continued to decline as the global downturn is turning out to be less severe than initially expected

Global stocks (MSCI All-Country World Index) have set new record highs in recent weeks, while S&P500's implied volatility index (VIX) fell



US, Euro area and China 2020 GDP forecasts* have been revised higher since June as concerns about the pandemic eased



Source: Fed, ECB, Bloomberg, Standard Chartered; US and Euro area growth forecasts are based on Fed & ECB estimates, China forecasts are consensus estimates

Editorial

The return of reflation?

September marks six months since global risk assets plunged as the World Health Organisation declared a global pandemic was underway. We have come very far since then, the change in outlook best captured by the S&P500 index's 'fear gauge' (the VIX implied volatility index). This index has plummeted from its March highs as fears of the pandemic and its economic impact eased, aided by unprecedented global fiscal and monetary stimulus and positive surprises in vaccine development. Have investors become too complacent, or is global reflation taking hold, providing fundamental support to the liquidity-driven rally?

We believe the global economic and corporate earnings downturn is likely to be less severe than initially expected. New forecasts from the Fed and ECB and continued improvement in China data in recent weeks support our view (see pages 3 & 4). The Fed this week revised its US GDP forecast for 2020 to a -3.5% contraction vs -6.5% forecast in June, with a 4.0% growth rebound forecast for 2021. Moreover, as anticipated, the Fed projected keeping interest rates close to 0% until at least 2023 as it switched its focus to maximising employment, downplaying inflation risks. The ECB and China policymakers have made similar supportive statements this month, standing ready to provide more stimulus.

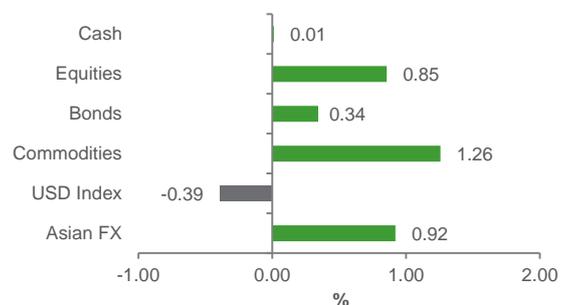
Governments will likely need to do more. EU members, after previously agreeing on an unprecedented plan to share the debt burden of a joint EUR 750bn spending package, have approved national stimulus plans, extending special unemployment support into next year. More stimulus is likely if the ongoing second COVID-19 wave extends into Q4 20.

The next focus is a potential fiscal package from the US Congress before it goes into recess ahead of the November election. We believe a deal will be agreed as no party wants to go into the election having let down voters amid still-high unemployment. The post-election scenario is more constructive as we believe both candidates have a pro-growth policy agenda, with Biden's USD 2trn "green" infrastructure plan standing out (see our *Emerging Theme* report on US elections for more details).

The above means we remain constructive on risk assets over the next 6-12 months and see any near-term setback to the rally due to upcoming event risks (see pages 4-6) as an opportunity to add exposure.

Equities, bonds and commodities rose in the past week, recovering from the previous week's losses; USD fell

Benchmark market performance w/w*



Source: Bloomberg; *week of 10 Sept. 2020 to 17 Sept. 2020

Our proprietary market diversity indicators point to low risk of a short-term trend reversal, except for the CNH

Market diversity across key asset classes

Level 1	Diversity	Diversity trend since 17-Aug-20	Fractal Dimension
Global Bonds	●	↑	1.27
MSCI ACWI	●	↑	1.39
Gold	●	→	1.32
Equity			
MSCI US	●	→	1.43
MSCI Europe	●	↑	1.82
MSCI AC AXJ	●	→	1.33
Fixed Income			
DM Corp Bond	●	↑	1.29
DM High Yield	●	→	1.34
EM USD	●	↑	1.35
EM Local Currency	●	→	1.44
Asia Hard Currency	●	→	1.30
Currencies			
USD/CNH	○	↓	1.25
EUR/USD	●	→	1.31
USD/JPY	●	↓	1.53
GBP/USD	●	↑	1.46
AUD/USD	●	→	1.31

Source: Bloomberg, Standard Chartered; Fractal dimensions below 1.25 indicate extremely low market diversity

Legend: ○ Very low ● Low ● Moderate/high

The weekly macro balance sheet

	Positive for risk assets	Negative for risk assets
COVID-19	<ul style="list-style-type: none"> Daily new cases in the US, Japan, Australia, Brazil and Mexico have come off their July/August highs, although a recent revival in the US needs to be watched closely UK firm AstraZeneca resumed UK vaccine trials after a pause due to an adverse reaction in a participant China inoculated tens of thousands of citizens in a trial 	<ul style="list-style-type: none"> Daily new cases continued to rise in Europe; Spain and France hit new record highs; India's total cases crossed 5m and daily cases hit a new high A top US official said vaccines are unlikely to be widely available before mid-2021
	Our assessment: Neutral as the broad-based downtrend of US cases since July and continued rise in Europe follow recent trends.	
Macro data	<ul style="list-style-type: none"> Fed upgraded US 2020 growth forecast to a -3.5% contraction vs -6.5% forecast earlier US continuing jobless claims fell below expectations Euro area economic sentiment (ZEW) rose in September to its strongest since 2004; industrial output in July beat forecast China's credit growth rose more than expected in August China retail sales, manufacturing investment posted their first gains since the pandemic outbreak, beating forecasts; industrial output growth beat estimates Japan's exports fell less than expected in August; industrial output beat forecast in July 	<ul style="list-style-type: none"> US retail sales and industrial production rose less than expected in August; growth slowed from July US housing starts and building permits fell below expectations in August US budget deficit rose to a record USD 3tn in the first 11 months of fiscal 2020, more than double the full-year record set in 2009 Euro area core inflation fell to a record low of 0.4% in August; exports fell y/y for the 5th straight month in July German Economy Ministry said growth recovery "has recently weakened"
	Our assessment: Neutral, on balance, as stronger-than-expected Euro area economic sentiment, US job market, China data offset surprisingly weak US retail sales and Euro area inflation.	
Policy developments	<ul style="list-style-type: none"> Fed pledged to keep benchmark rate close to 0%, at least till 2023 US Speaker Pelosi said Congress should stay in session till lawmakers and the White House agree on a stimulus package ECB's Lane and BoJ policymakers said they were ready to ease policy further to ensure inflation, which remains muted, reaches 2% target 	<ul style="list-style-type: none"> BoE said it was exploring negative rates to counter growing risks to the labour market ECB's Weidmann said the Euro area economy is unlikely to regain its pre-crisis level until mid-2022
	Our assessment: Positive, on balance, amid the Fed's assurance of low rates and Pelosi's push for a fiscal stimulus package.	
Other developments	<ul style="list-style-type: none"> Italy said the EU should not pull out of trade talks with the UK as "it is in everyone's interest to reach an accord" Japan's Chief Cabinet Secretary Suga was elected Japan's next PM, succeeding Abe 	<ul style="list-style-type: none"> Oracle's bid for TikTok remains incomplete amid US administration's concerns about national security ECB's Makhoul said it was "wise" to assume that the UK and EU will fail to reach deal
	Our assessment: US-China tensions and Brexit talks remain risks.	

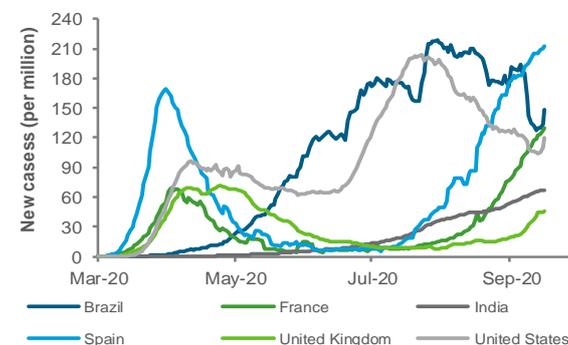
Our weekly net assessment: On balance, this week's data and policy were positive. Delay in finalising a new US fiscal package is a key risk.

(+) factor: Supportive central banks, strong EU sentiment, China data

(-) factor: Europe COVID rise, US-China tension, Brexit uncertainty

New COVID-19 cases continued to set new record highs in parts of Europe and in India; the revival in the US and Brazil need to be closely watched

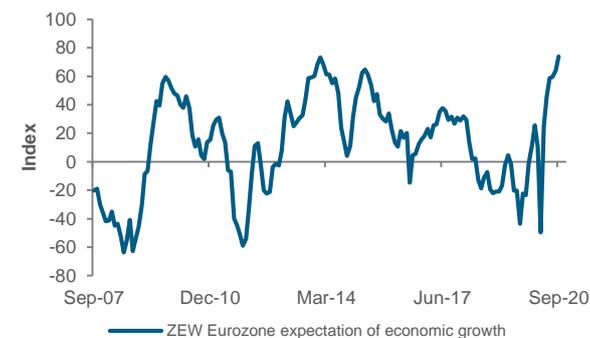
Daily new COVID-19 cases per million people in the US, key European markets, India and Brazil



Source: Our World in Data, Standard Chartered

Euro area economic sentiment rose to its strongest level since 2004, but the second pandemic wave, if sustained into Q4 20, raises the risk of more economic restrictions

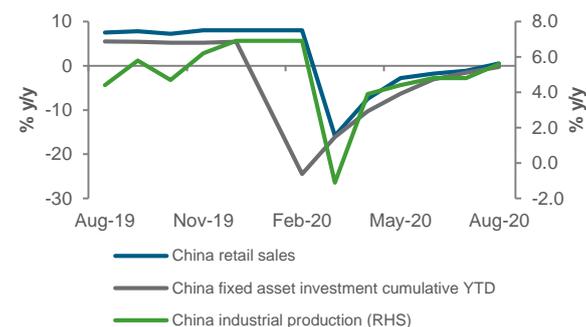
ZEW survey index of Euro area economic sentiment



Source: Bloomberg, Standard Chartered

China's retail sales, fixed asset investment and industrial production beat forecasts in August, underlining the continuation of the economic recovery that started in Q2

China retail sales, fixed asset investment (YTD) and industrial production annual growth



Source: Bloomberg, Standard Chartered

Top client questions

Q Are M&As a new catalyst for US equities?

M&A activity has been severely impacted by COVID-19 this year, which is understandable as the global economic outlook is clouded and lockdowns obstruct negotiations and the conduct of due diligence. However, following a multi-year low in Q2 20, the M&A volume in dollar terms in Q3 20 so far has rebounded and exceeded Q1 20 levels already. Having said that, Q3 20 still has a very low deal count, as seen in the chart on the right. This implies there have been fewer, but much larger, transactions announced in Q3 20 so far.

M&A activity in the years prior to 2020 has been generally range-bound in volume, though the number of deals has been on a rising trend. This suggests that the rising equity markets we have seen in the last few years up to 2020 is more correlated to deal count, as opposed to deal volume in dollar amounts. M&A deal count is fuelled by broad optimism in corporate confidence and bustling economic activities, which are factors consistent with stronger equity markets.

As we have only seen large M&A transactions in Q3 20 so far but not a pick-up in deal count, this suggests broader corporate confidence and activities remain subdued. Consolidation in specific sectors would boost localised sector returns if the expected profit pool grows or it provides greater clarity on the sector outlook. However, the M&A deal count does not suggest broad strength for US equities. The technical picture for the US tech sector still looks weak in the short term, which would drag on the performance of US equities in the short-term. However, we remain positive in US equities on a 6-12m view given strong policy stimulus and the expected earnings recovery in 2021.

Q How can we play the recovery in China?

Consumption activity in China has rebounded amid a successful containment of COVID-19. Retail sales rose 0.5% y/y in August – the first increase for the year so far. Acceleration in service activities also pushed the non-manufacturing PMI to its highest level since early 2018.

We believe the gradual normalisation of activities could accelerate the consumption recovery trend in the upcoming National Day Golden Week (extended to eight days from the previous seven). According to Qunar, a Chinese online travel agency, air ticket booking volume has exceeded 90% of the same period last year. Domestic hotel bookings also witnessed a year-on-year increase in both room rates and room nights. Meanwhile, the Chinese government’s new economic strategy of “internal circulation”, focusing on domestic economy and reducing reliance on exports, is constructive for domestic consumption growth, in our view. While consumer staples have been resilient during the pandemic, we believe consumer discretionary is best positioned to benefit from the post-COVID recovery, especially higher quality services. According to Trip.com, 80% of hotel bookings for the Golden Week is for high-end hotels (4- and 5-star).

From a technical perspective, a breakout in the MSCI China Consumer Discretionary index reaffirmed an accelerating technical trend for the sector. China equities remain a preferred market in Asia ex-Japan, with consumer discretionary a preferred sector.

US M&A volume in USD terms has rebounded in Q3, but deal count has declined, suggesting the preponderance of a few large-size deals

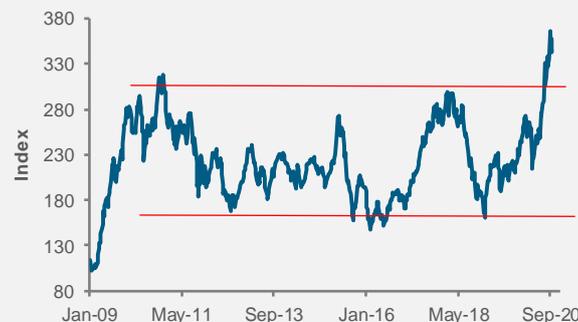
US quarterly M&A volume in USD and number of deals



Source: Bloomberg, Standard Chartered

The technical breakout in China’s consumer discretionary sector is supported by the fundamental rebound in consumer activity and services

MSCI China consumer discretionary sector index



Source: MSCI, FactSet, Standard Chartered

S&P500 index has support 0.7% below current level

Technical indicators for key markets as on 17 Sep. 2020

Index	Spot	1st support	1st resistance
S&P500	3,357	3,332	3,392
STOXX 50	3,317	3,309	3,332
FTSE 100	6,050	6,016	6,095
Nikkei 225	23,319	23,239	23,479
Shanghai Comp	3,270	3,255	3,291
Hang Seng	24,341	24,210	24,602
MSCI Asia ex-Japan	724	716	732
MSCI EM	1,107	1,093	1,119
Brent (ICE)	43.3	40.8	44.5
Gold	1,947	1,939	1,957
UST 10Y Yield	0.69	0.67	0.70

Source: Bloomberg, Standard Chartered

Top client questions (cont'd)

Q Is there more downside in the US technology sector?

Yes, based on our technical assessment. We believe the pause in the S&P500 Information Technology sector's rally could extend a little further in the short term. However, we do not expect a change in the broader uptrend.

A negative divergence (higher high on the index associated with a lower high in momentum) between the index and the 14-week Relative Strength Index (RSI) on the weekly charts at its record high hit earlier this month indicates that the multi-month rally is losing steam. In addition, our market diversity indicator hit 1.288 on 1 September, suggesting low diversity (and very high optimism). Back-testing has revealed that the indicator dropping below the threshold of 1.250 has been associated with a consolidation/reversal in the index's trend.

The index is now testing key support at the mid-August low of 1954. Any break below could confirm that the upward pressure had faded in the short term. Higher volume on the declines and shallow rallies in recent days are a reflection of rejection of higher levels, suggesting the index may need to drop further to entice buyers. Any break below 1954 could pave way toward the 200-day moving average (now at 1,720; 14% below Thursday's close). We expect strong support to emerge around the 200-day moving average.

Q Do you have any sector or quality preferences within Asia USD bonds?

Within Asia USD bonds, we have a preference for High Yield (HY) over Investment Grade (IG). While Asian IG bonds benefit from high quality, the high exposure to Chinese state-owned companies does expose the segment to US-China tension risks. On the other hand, HY bonds' relatively cheap valuations and our view of a gradual economic recovery should help bond prices increase (yield premiums decline) at a faster pace than IG bonds.

The positive view for HY bonds is also partly due to its high exposure to China's real estate sector, where developers are reporting higher YTD sales versus 2019. While recent proposals to impose property cooling measures and limits on the amount of debt companies can issue may lead to near-term consolidation, we view these developments as positive in the medium term.

More broadly, Asian USD bonds remain a preferred bond asset class as we like the high credit quality, low volatility and high exposure to China, which is probably the furthest along the path to economic recovery from the pandemic-related shock. Within this, we remain comfortable with higher-than-average exposure to Asian HY bonds.

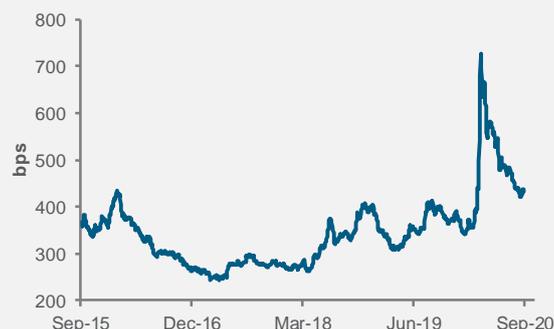
We believe the pause in the US technology sector could extend in the near term, although a change in the broader uptrend is unlikely unless the index falls below support
US S&P500 information technology index and trade volumes



Source: Bloomberg, Standard Chartered

We remain positive on Asia High Yield USD bonds due to their still-cheap valuations vs. Investment Grade peers and our constructive view on China's economic recovery

Yield differential between Asia High Yield USD and Asia Investment Grade USD bonds



Source: Bloomberg, Standard Chartered

Top client questions (cont'd)

Q Does the Fed meeting impact your USD outlook?

The outcome of the final pre-election Fed meeting brought few surprises. The USD gained tentatively against most currencies, except the range-bound JPY.

We expect more short-term USD gains ahead of the US election. Despite improving economic data, we are cautious about the likelihood of a risk asset pullback. Political uncertainty and other potential negative-sentiment triggers, combined with short-USD speculative positioning, create a scenario that should support the USD in the coming weeks. However, within the context of our 12-month bearish USD view, a short-term USD rally could provide attractive entry levels for our preferred currencies ahead of the next leg of the anticipated cyclical USD downtrend.

Robust EUR/USD technical support is around 1.1685 followed by 1.1490, which we expect to hold any corrective decline. AUD/USD has strong support around 0.7060, but a break of this level would likely lead to a decline to 0.6775. GBP/USD also faces Brexit uncertainty and could be more volatile in the coming weeks. GBP/USD support around 1.2700 should hold unless Brexit negotiations break down, in which case the risk shifts towards a move to 1.2200-1.2400 levels. The decline in USD/CNH is also approaching a key support area around 6.6700-6.7200, and we expect a correction higher towards 6.8500-6.9200 once the current decline falters.

Q Will US equity market volatility decline further?

VIX, the measure of S&P500 index's implied volatility, spiked above 30 last week as we experienced the largest one-day sell-off in the index since June 2020. Since then, attempts to regain ground, especially in the technology sector, had invariably been met with selling pressure with volume. However, the speed of the pullback has slowed, resulting in a gradual pullback in volatility.

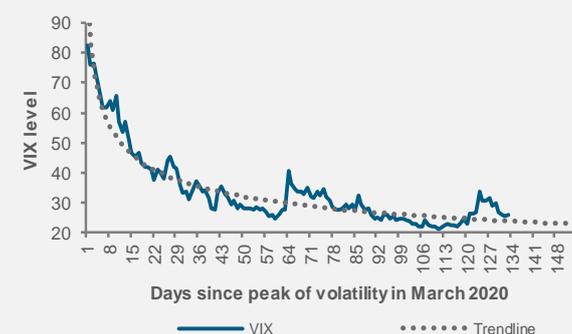
Our power model, which projects the path of volatility since its peak in the middle of March 2020, suggests volatility is still at an elevated level. As such, we believe there is value for yield-seeking investors to sell volatility to generate a yield in US equities, especially when the S&P500 index is only a few percentage points above key technical support around 3,300.

We expect more short-term USD gains ahead of the US elections; however, we expect EUR/USD to hold above 1.1490 support in the event of a corrective decline



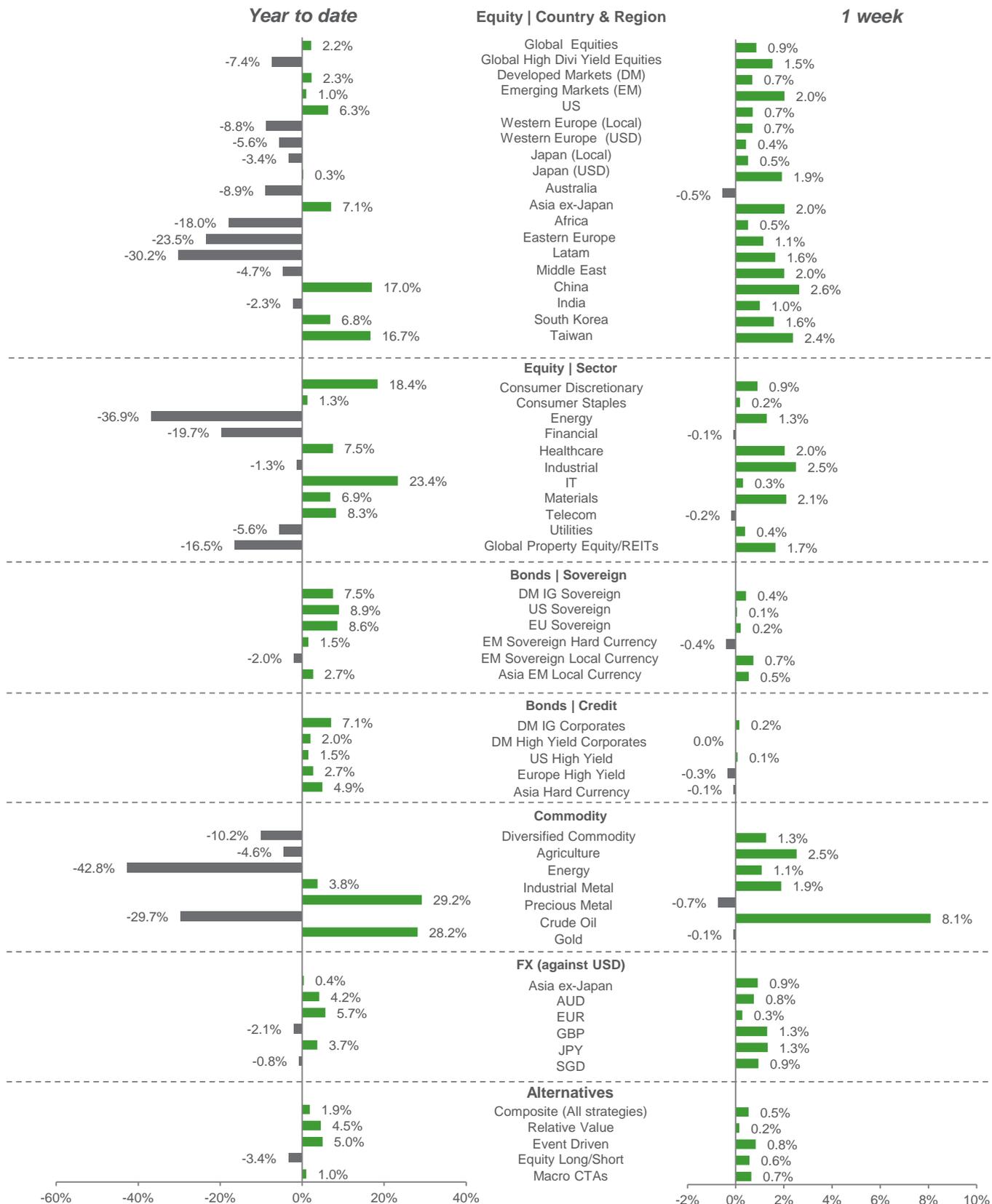
Source: Bloomberg, Standard Chartered

Our power model, which projects volatility's path since its peak in March, suggests volatility is still elevated; this offers investors opportunity to sell yield to generate yield



Source: Bloomberg, Standard Chartered

Market performance summary *



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

*Performance in USD terms unless otherwise stated, 2019 performance from 31 December 2019 to 17 September 2020, 1 week period: 10 September 2020 to 17 September 2020

Our asset class views at a glance

Equities	Bonds (Rates)	Bonds (Credit)	Alternative Strategies	Cash	Gold
Asia ex-Japan ▲	Govt EM local ◆	Asia USD ▲	Equity hedge ◆	USD ▼	
US ▲	Govt DM IG ▼	Govt EM USD ▲	Event-driven ◆	EUR ▲	
Euro area ▲		Corp DM HY ▲	Relative value ◆	GBP ▲	
Japan ◆		Corp DM IG ▼	Global macro ◆	AUD ▲	
Other EM ◆				CNY ◆	
UK ▼				JPY ◆	

Source: Standard Chartered Global Investment Committee

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

Economic and market calendar

Event This Week					Period	Actual	Event Next Week			Period	Prior
MON											
	TUE	CH	Industrial Production y/y	Aug	5.6%	EC	Consumer Confidence	Sep A	-14.7		
		CH	Retail Sales y/y	Aug	0.5%						
		CH	Fixed Assets Ex Rural YTD y/y	Aug	-0.3%						
EC		ZEW Survey Expectations	Sep	77.4							
WED	JN	Exports y/y	Aug	-14.8%	JN	Jibun Bank Japan PMI Composite	Sep P	45.2			
	US	Retail Sales Ex Auto and Gas	Aug	0.7%	GE	GfK Consumer Confidence	Oct	-1.8			
					FR	Markit France Composite PMI	Sep P	51.6			
					EC	Markit Eurozone Composite PMI	Sep P	51.9			
THUR	US	FOMC Rate Decision (Lower Bound)	16-Sep	0.0%	UK	Markit/CIPS UK Composite PMI	Sep P	59.1			
	UK	Bank of England Bank Rate	17-Sep	0.1%	US	Markit US Manufacturing PMI	Sep P	53.1			
	US	Building Permits	Aug	1470k	US	Markit US Composite PMI	Sep P	54.6			
	US	Housing Starts	Aug	1416k	JN	Nationwide Dept Sales y/y	Aug	-20.3%			
	US	Philadelphia Fed Business Outlook	Sep	15.0	GE	IFO Current Assessment	Sep	87.9			
	JN	BOJ Policy Balance Rate	17-Sep	-0.1%	US	Powell, Mnuchin Testify Before Senate Banking Committee					
					US	New Home Sales	Aug	901k			
FRI/SAT	JN	Natl CPI Ex Fresh Food, Energy y/y	Aug	-0.1%	EC	M3 Money Supply y/y	Aug	10.2%			
	US	U. of Mich. Current Conditions	Sep P		US	Durable Goods Orders	Aug P	11.4%			
				US	Cap Goods Orders Nondef Ex Air	Aug P	1.9%				

Source: Bloomberg, Standard Chartered; key indicators highlighted in blue; *refers to Jan-Feb 2020 combined data

Previous 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

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.

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 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, a bank duly licensed and regulated by the Central Bank of Nigeria. **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. **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.