



WS Global Chief Investment Office 26 July 2024

Weekly Market View

Will the Fed come to the rescue?

- → The US has led global equity markets lower on some mega-cap earnings disappointments. However, the Fed is likely to signal rate cuts, perhaps as soon as next week. We see an opportunity to average into US equities
- → After a sharp pullback, the US technology sector is starting to look attractive once again, especially with the sector delivering stronger-than-expected earnings
- → The PBoC's latest rate cut is likely to have little impact on offshore bonds. We continue to prefer China USD bonds amid tightening supply
- → Gold has pulled back on higher bond yields. Further downside is likely limited as the Fed starts to cut rates
- → India's budget focussed on fiscal consolidation and infrastructure spending. Robust earnings growth should continue to drive large cap equity outperformance. Fiscal consolidation is positive for INR government bonds



What are the key takeaways from US Q2 earnings season so far?

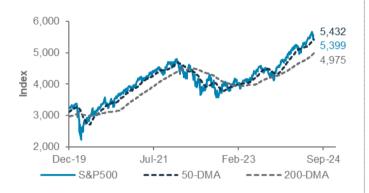
What is the outlook for commodity currencies and gold after the recent slide?

What are the implications of India's budget on local equities and bonds?

Charts of the week: A pullback was overdue

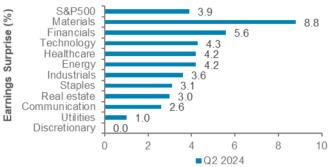
Stretched investor positioning in US equities presaged a pullback; Fed rate cuts and earnings should provide support

S&P500 index and 50- and 200-day moving averages



S&P500

S&P500 index Q2 2024 earnings surprise factor*



Source: Bloomberg, LSEG I/B/E/S, Standard Chartered; *as of 25 July 2024

Editorial

Will the Fed come to the rescue?

A pullback in US equities was overdue after a rally since April's lows led to excessively bullish investor positions. The US has led global equities lower over the past week on some mega-cap earnings disappointments. However, the Fed is likely to signal rate cuts as soon as next week. Meanwhile, the US technology and financial sectors have beaten earnings expectations.

We see an opportunity to average into US equities, especially in the technology sector. We also see near-term opportunities in the US banking sub-sector after strong Q2 earnings. While the US presidential race has tightened again after President Biden withdrew and nominated Vice President Harris as the Democrat candidate, Republican former President Trump continues to lead the polls. A Trump presidency would likely lead to a deregulation of the financial sector.

Looking to buy the US equity dip: The past week's pullback in US equities needs some perspective. The S&P500 had surged almost 14%, and the technology sector-heavy Nasdaq 100 index had jumped almost 22%, since April's lows. By late June, technical indicators suggested US equity markets were overbought. Our indicator of investor diversity showed US equities, especially the technology sector, had become overcrowded, leading us to warn two weeks ago not to chase the rally. It took a few earnings misses at some mega-cap companies for the market to pare back.

With the past week's pullback, the US equity market is starting to look attractive once again. The S&P500 has fallen below its 50-day moving average, with subsequent technical support levels around 5,342 and 5,256. Investor diversity has normalised, while our technical model remains bullish (although momentum and volatility indicators turned neutral and volume indicators turned bearish). The US technology sector remains

one of our preferred areas in the US, especially with the sector delivering stronger-than-expected Q2 earnings (see page 4).

Fed rate cuts coming: We expect the Fed to signal the first rate cut of the cycle as soon as its policy meeting next week as it shifts its focus from curbing inflation to supporting growth. US inflation has continued to cool after a brief surge in Q1 and economic activity data has fallen short of estimates since May, with labour and housing markets softening.

Although Q2 GDP growth (2.8% q/q annualised) beat estimates on the back of strong consumption, a softening job market has increased the urgency for the Fed to act to prevent a further rise in the unemployment rate. We now expect the Fed to cut rates twice this year, likely in September and then in Q4, as it seeks to manage an economic soft-landing. Fed rate cuts are likely to put a floor under US equities, with the dovish policy shift particularly benefitting the rate-sensitive growth sectors.

Limited downside in gold: Gold has pulled back on higher bond yields. We believe further downside is likely limited as the Fed cuts rates. Sustained purchases by Emerging Market central banks remain a structural driver of gold prices. Gold has strong technical support just below USD 2,300/oz (see page 6).

India's budget positive for equities, INR bonds: The first budget of Prime Minister Modi's third term was expected to deliver a boost to consumption. Instead, the budget focussed on fiscal consolidation, with the fiscal deficit target for the current financial year set at 4.9% versus last year's 5.1%. The budget retained its focus on infrastructure spending, while boosting spending in the rural and agricultural sectors.

Sustained government capital expenditure is likely to fuel India's robust earnings growth, driving the further outperformance of large cap equities. Fiscal consolidation is positive for INR government bonds (see page 5).

The weekly macro balance sheet

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

- (+) factors: Dovish Fed, PBoC; resilient US services
- (-) factors: Lack of stimulus at China's Third Plenum; weak US manufacturing, home sales

Positive for risk assets Negative for risk assets US services PMI rose US manufacturing PMI fell more than expected to unexpectedly to 49.5 US home sales fell more than expected US Chicago Fed National Activity index slowed less US durable goods orders than expected slumped unexpectedly UK manufacturing PMI Euro area manufacturing Macro data rose more than expected and services PMI fell to 51.8 unexpectedly to 45.6 and Euro area M3 money 51.9, respectively supply rose more than UK services PMI rose less expected than expected to 52.4 UK retail sales fell more than expected Our assessment: Negative - Weak US manufacturing activity, housing market, Euro area PMI Former New York Fed China's Third Plenum chief Dudley called for Fed offered little new cyclical to start cutting rates to policy support avoid a recession India proposed to hike PBoC cut the 7-day repo capital gains taxes developments rate and 1-year MLF rate by 10bps and 20bps, respectively India announced a narrower-than-expected budget deficit goal Our assessment: Neutral - Dovish Fed, PBoC versus no new stimulus at China's Third Plenum US President Biden Global IT outage disrupted withdrew from the US airline and banking presidential election and services developments endorsed his Vice President Harris as the new Democrat candidate

US services sector activity beat estimates, but US and Euro area manufacturing and Euro area services underwhelmed in July

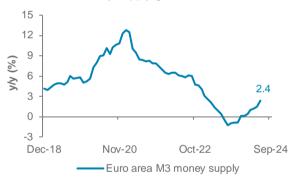
US and Euro area services and manufacturing PMIs



Source: Bloomberg, Standard Chartered

Euro area money supply continued to improve along with a recovery in consumer confidence

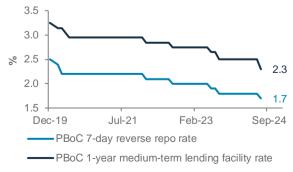
Euro area M3 money supply growth



Source: Bloomberg, Standard Chartered

China cut interest rates to support growth after a weaker-than-expected economic expansion in Q2

PBoC 7-day reverse repo rate, 1-year medium-term lending facility



Source: Bloomberg, Standard Chartered

Our assessment: Positive – Harris has narrowed the gap with Trump. A Harris presidency could ease geopolitical uncertainty

Top client questions

What are the key takeaways from the US Q2 earnings season so far?

US earnings have been robust. According to LSEG I/B/E/S, of the 181 companies that have reported earnings so far, the S&P500 index has delivered earnings growth of 11.8% in Q2, while earnings in the communication services and information technology sectors outperformed significantly, at 23.9% and 17.9%, respectively.

Investors should consider scaling into the current correction in both sectors. In the long term, we see tailwinds, including the growing Al investments, penetration of cloud computing and strong momentum in online entertainment trends, supporting pricing power and sales volume across mega-cap growth stocks. Consensus earnings growth expectations for Q2 for the communication services and IT sectors have also been revised higher since the start of July.

There are near-term opportunities in US financials, with robust earnings growth in Q2, and an earnings surprise of 5.6% (ahead of the broader SPX index of 3.9%). The sector is also a potential beneficiary if Donald Trump, as an advocate of financial sector deregulation, wins the US Presidential election, as polls still suggest is likely despite Kamala Harris' entry into the race.

- Michelle Kam, Investment Strategist

Does China's surprise rate cut affect the outlook for China USD bonds and equities?

This week, the PBoC cut key policy rates, including a 10bps reduction in the seven-day reporate on Monday, followed by a 20bps cut in its medium-term lending facility (MLF) rate on Thursday, bringing the latter to its lowest level since April 2020. The China government bond yield curve bull steepened, with the 10-year China government bond yield edging to a historical low of 2.18%. We believe the PBoC will continue to guide yield curve steepening. Recent policies, such as reducing the collateral required for MLF to encourage long bond selling in the secondary market, supplement the bond-borrowing scheme launched two weeks ago.

Moving forward, the central bank will likely remain gradual in adjusting dovish policies to support the real economy. Onshore yields are likely to stay anchored, creating a favourable interest rate differential backdrop for offshore bonds. We retain our tactical buy on China USD bonds. For equities, data continues to suggest that onshore demand remains lacklustre. Additionally, market participants seeking a short-term cure for the economy were left disappointed by the outcome of the Third Plenum. As such, we stay neutral on China equities for now and will watch for developments from the upcoming Politburo meeting.

— Cedric Lam, Senior Investment Strategist

US financial sector equities have outperformed in July on the back of strong earnings beats

US equity market sector returns



Source: Bloomberg, Standard Chartered

China USD bonds offer significantly more attractive yield than the local currency government bond yield

China USD vs local currency government bond yields



Source: Bloomberg, Standard Chartered

Top client questions (cont'd)

What are the implications of India's budget for local equities and bonds?

The final Union Budget FY25 this week was the first key policy announcement of the government, now in its third term in office. On one hand, the budget saw continuity of past policies, with a broadening focus to address concerns in consumption demand, rural and agriculture development.

However, for equity investors, the hike in long-term and short-term capital gains tax rates (raised to 12.5% from 10.0% and 20% versus 15%, respectively) came as a surprise. Indexation benefits were also withdrawn from all asset classes. The equity markets' immediate response to the announcement was negative.

The government stuck to the path of fiscal consolidation - The budget deficit for FY25 was revised lower to 4.9% of GDP compared to 5.1% in the interim budget, with the commitment to bring down the deficit to 4.5% by FY26 and lower government debt over the medium term.

Overall, the fiscal space afforded by the large RBI dividend (INR 2.1trn) last month helped the government focus on investment-led growth, provide stimulus for the rural economy and agriculture. Some key measures announced in the budget include:

- Increased social welfare spending: Largely directed towards youth-skilling and employment, improving women's participation in the labour force and supporting MSMEs and agriculture
- 2) Continued focus on investment-led growth: Capital expenditure maintained at about 3.4% of GDP for supporting infrastructure, railways and housing for all, developing emerging cities, boosting the manufacturing eco-system and transitioning to renewable energy
- 3) Acknowledgement of the need for reforms: The budget promised to set up a policy framework for long-term economic development to set the scope for the next generation of factor market (land, labour, capital and technology) reforms in conjunction with state governments

Broad-based economic growth should help sustain the strong earnings growth momentum and superior ROEs, supporting our preference for India large-cap equities, where we find valuations more reasonable now compared to earlier peaks.

From a bond market perspective, while a rating upgrade is not imminent, the reduced fiscal deficit target is positive for local currency (LCY) government bonds. We expect bond yields to fall over the next 12-months amid lower government borrowing and steady inflows from foreign index-tracking. Coupled with the attractive yield premium versus its Emerging Market peers, we maintain our opportunistic buy on India LCY government bonds.

Ravi Kumar Singh, India Chief Investment Strategist
 Zhong Liang Han, CFA, Investment Strategist

India's budget focussed on fiscal consolidation, which we believe is positive for INR government bonds

India's budgetary targets for the current and the next financial year

	FY25 BE	FY24 A
Fiscal deficit as % of GDP	4.90%	5.10%
Gross borrowing (INR trn)	14.13	14.01
Disinvestment (INR trn)	0.50	0.50
Gross tax revenue growth	10.80%	13.40%
Expenditure growth	8.50%	5.90%
Capital expenditure growth	17.10%	28.30%
Special outlays (INR)		
Rural developments (INR trn)	2.66	
Agriculture (INR trn)	1.52	
New employment (INR trn)	2.00	
States infra development (INR trn)	1.50	
Housing -PMAY rural (INR trn)	0.55	

Source: Bloomberg, Standard Chartered. BE = Budget estimates; A = Actual; FY25 is the fiscal year ending 31 March 2025

India's strong earnings growth outlook remains the biggest driver of the equity market's outperformance

India's Nifty index earnings growth, actual and consensus estimates



Source: Bloomberg, Standard Chartered

Top client questions (cont'd)

What is the outlook for commodity currencies and gold after the recent slide?

We see a divergence among commodity prices recently – base metals slumped, while precious metals showed resilience. The fall in base metals prices is mainly due to the slowdown in China's economy. Base metals, such as copper and aluminium, have experienced significant declines due to reduced demand from China and an increase in metal supply.

In contrast, gold has been buoyed by expectations that the Fed is on the verge of cutting interest rates, most likely by September. This would reduce real interest rates and act as a tailwind for future gold prices.

Furthermore, based on the 2024 Central Bank Gold Reserves (CBGR) survey, 81% respondents expect global central bank gold holdings to increase over the next 12 months.

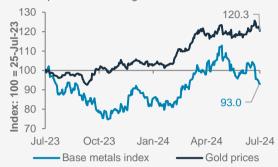
Finally, India's budget saw the gold import tax cut to 6% from 15%. India is the second largest consumer of the precious metal and this could further spur physical demand in the world's most populous country.

Therefore, we see limited downside for gold. Technically, XAU/USD key support is at USD2270/oz, and we expect the pair to rebound to USD2450/oz in few weeks. Commodity currencies (AUD and NZD) softened amid weak metal prices, but they are likely to find support amid the limited downside risk from gold prices. Technically, both pairs are oversold; key supports for AUD/USD and NZD/USD are at 0.6440 and 0.5850, respectively.

Iris Yuen, Investment Strategist

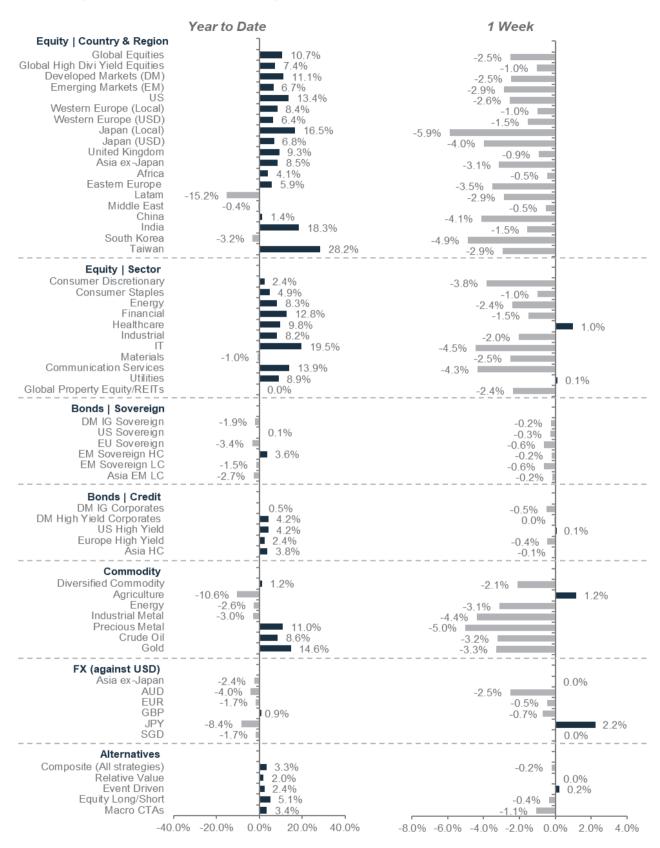
Gold has remained resilient over the past week on expectations that the Fed is on the verge of cutting interest rates; we see limited downside risks

Relative performance of gold and base metals index



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, 2024 YTD performance from 31 December 2023 to 25 July 2024; 1-week period: 18 July 2024 to 25 July 2024

Our 12-month asset class views at a glance

Asset class		
Equities	A	Preferred Sectors
Euro area	•	US Communication
US		US Technology
UK	▼	Europe Technology
Asia ex-Japan	•	Europe Healthcare
Japan	•	China Communication
Other EM	•	China Discretionary
		China Technology
Bonds (Credit)	•	India Industrials
Asia USD	•	India Discretionary
Corp DM HY	•	India Healthcare
Govt EM USD	A	
Corp DM IG	•	Alternatives •
Bonds (Govt)	•	Gold ◆
Govt EM Local	▼	
Govt DM IG	•	

Source: Standard Chartered Global Investment Committee

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

The S&P500 has next interim resistance at 5,582

Technical indicators for key markets as of 25 July close

Index	Spot	1st support	1st resis- tance	12m forward P/E (x)	12m forward dividend yield (%)
S&P500	5,399	5,304	5,582	20.8	1.5
STOXX 50	4,811	4,702	4,986	12.9	3.6
FTSE 100	8,186	8,061	8,307	11.7	3.9
Topix	2,710	2,628	2,869	14.6	2.5
Shanghai Comp	2,887	2,838	2,970	10.6	3.6
Hang Seng	17,005	16,541	17,893	8.1	4.6
Nifty 50	24,406	23,694	24,987	20.7	1.5
MSCI Asia ex-Japan	686	673	711	12.7	2.6
MSCI EM	1,074	1,056	1,110	12.0	3.0
WTI (Spot)	78.3	74.7	83.2	na	na
Gold	2,365	2,278	2,468	na	na
UST 10Y Yield	4.24	4.09	4.44	na	na

Source: Bloomberg, Standard Chartered

Note: These short-term technical levels are based on models and may differ from a more qualitative analysis provided in other pages

Economic and market calendar

	Event	Next week	Period E	xpected	Prior
MON					
	EC US	Economic Confidence JOLTS Job Openings	Jul Jun	_	95.9 8140k
TUE	US	Conf. Board Consumer Confidence	Jul	99.8	100.4
	UK	Nationwide House Px NSA y/y	Jul	-	1.5%
	СН	Manufacturing PMI	Jul	_	49.5
	CH	Non-manufacturing PMI	Jul	_	50.5
	EC	CPI Estimate y/y	Jul	_	2.5%
WED	EC	CPI Core y/y	Jul P	_	2.9%
×	US	ADP Employment Change	Jul	170k	150k
	US	Employment Cost Index	2Q	1.0%	1.2%
	US	MNI Chicago PMI	Jul	44.0	47.4
	JP	BOJ Target Rate (Upper Bound)	Jul	0.1%	0.1%
	US	FOMC Rate Decision (Upper Bound)	31-Jul- 24	5.5%	5.5%
	СН	Caixin China PMI Mfg	Jul	_	51.8
욷	EC	Unemployment Rate	Jun	_	6.4%
F	UK	Bank of England Bank Rate	1-Aug-24		5.3%
	US	ISM Manufacturing	Jul	49.0	48.5
	US	ISM New Orders	Jul	_	49.3
≅L	US	Change in Nonfarm Payrolls	Jul	188k	206k
FRI/ SAT	US	Unemployment Rate	Jul	4.1%	4.1%

Source: Bloomberg, Standard Chartered

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

 ${\sf P}$ - preliminary data, ${\sf F}$ - final data, sa - seasonally adjusted, y/y - year-on-year, m/m - month-on-month

Investor diversity has normalised across asset classes

Our proprietary market diversity indicators as of 25 July close

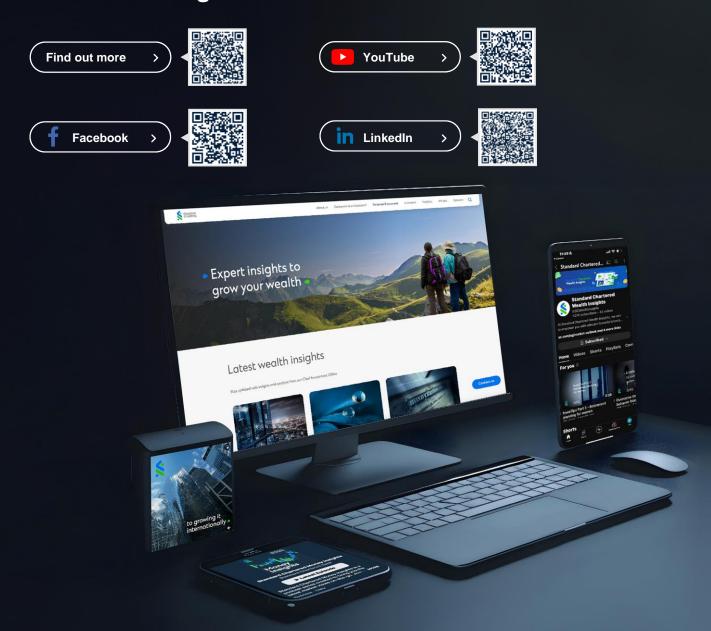
Level 1	Diversity	1-month trend	Fractal dimension
Global Bonds	•	\downarrow	1.45
Global Equities	•	\downarrow	1.39
Gold		^	1.63
Equity			
MSCI US	•	\rightarrow	1.37
MSCI Europe	•	\downarrow	1.60
MSCI AC AXJ	•	\rightarrow	1.46
Fixed Income			
DM Corp Bond	•	\downarrow	1.44
DM High Yield	•	\downarrow	1.36
EM USD	•	\downarrow	1.44
EM Local	•	\rightarrow	1.49
Asia USD	•	\downarrow	1.39
Currencies			
EUR/USD		\rightarrow	1.60

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

For more CIO Office insights

SC Wealth Insights



SC Money Insights

3 podcast shows on Spotify and Apple platforms







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 our Standard Chartered website under Regulatory disclosures. 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 SC 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. The value of investments, and the income from them, can go down as well as up, and you may not recover the amount of your original investment. You are not certain to make a profit and may lose money. 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.

Copyright © 2024, 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, creditrelated 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 thirdparty 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 our Standard Chartered website under Regulatory disclosures 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.

Sustainable Investments

Any ESG data used or referred to has been provided by Morningstar, Sustainalytics, MSCI or Bloomberg. Refer to 1) Morningstar website under Sustainable Investing, 2) Sustainalytics website under ESG Risk Ratings, 3) MCSI website under ESG Business Involvement Screening Research for more information. The ESG data is as at the date of publication based on data provided, is for informational purpose only and is not warranted to be complete, timely, accurate or suitable for a particular purpose, and it may be subject to change. Sustainable Investments (SI): This refers to funds that have been classified as 'Sustainable Investments' by Morningstar. SI funds have explicitly stated in their prospectus and regulatory filings that they either incorporate ESG factors into the investment process or have a thematic focus on the environment, gender diversity, low carbon, renewable energy, water or community development. For equity, it refers to shares/stocks issued by companies with Sustainalytics ESG Risk Rating of Low/Negligible. For bonds, it refers to debt instruments issued by issuers with Sustainalytics ESG Risk Rating of Low/Negligible, and/or those being certified green, social, sustainable bonds. For structured products, it refers to products that are issued by any issuer who has a Sustainable Finance framework that aligns with Standard Chartered's Green and Sustainable Product Framework, with underlying assets that are part of the Sustainable Investment universe or separately approved by Standard Chartered's Sustainable Finance Governance Committee.

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 and Standard Chartered Securities (B) Sdn Bhd | Registration Number RC20001003. Standard Chartered Bank is incorporated in England with limited liability by Royal Charter 1853 Reference Number ZC18. Standard Chartered Securities (B) Sdn Bhd is a limited liability company registered with the Registry of Companies with Registration Number RC20001003 and licensed by Brunei Darussalam Central Bank as a Capital Markets Service License Holder with License Number BDCB/R/CMU/S3-CL and it is authorised to conduct Islamic investment business through an Islamic window. China Mainland: This document is being distributed in China by, and is attributable to, Standard Chartered Bank (China) Limited which is mainly regulated by National Financial Regulatory Administration (NFRA), 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 SCBHK, a subsidiary of Standard Chartered PLC. 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 send an email to feedback . ghana @ sc . com. 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 Standard Chartered via e-mail, as Standard Chartered makes no representations or warranties as to the security or accuracy of any information transmitted via e-mail. Standard Chartered 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 in its capacity as a distributor of mutual funds and referrer of any other third party financial products. Standard Chartered 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 Charted 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: In Jersey, Standard Chartered Private Bank is the Registered Business Name of the Jersey Branch of Standard Chartered Bank. 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 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 ("SCBMB"). Recipients in Malaysia should contact SCBMB in relation to any matters arising from, or in connection with, this document. This document has not been reviewed by the Securities Commission Malaysia. The product lodgement, registration, submission or approval by the Securities Commission of Malaysia does not amount to nor indicate recommendation or endorsement of the product, service or promotional activity. Investment products are not deposits and are not obligations of, not guaranteed by, and not protected by SCBMB or any of the affiliates or subsidiaries, or by Perbadanan Insurans Deposit Malaysia, any government or insurance agency. Investment products are subject to investment risks, including the possible loss of the principal amount invested. SCBMB expressly disclaim any liability and responsibility for any loss arising directly or indirectly (including special, incidental or consequential loss or damage) arising from the financial losses of the Investment Products due to market condition. 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. Standard Chartered 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 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 02 012772514 for any questions or service queries. Standard Chartered shall not be responsible for any loss or damage arising from your decision to send confidential and/or important information to Standard Chartered via e-mail, as Standard Chartered 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, 1970. 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, 2001 ("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 \$\$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\$100,000 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: SC Group Entity 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 SC or SCB (Taiwan). The author and the above-mentioned employees of SC or SCB (Taiwan) may have taken related actions in respect of the information involved (including communication with customers of SC 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 SC or SCB (Taiwan). SC 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 SC 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 SC or SCB (Taiwan). SC, SCB (Taiwan), the employees (including those who have discussions with the author) or customers of SC 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. 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: In the UK, Standard Chartered Bank is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and Prudential Regulation Authority. This communication has been approved by Standard Chartered Bank for the purposes of Section 21 (2) (b) of the United Kingdom's Financial Services and Markets Act 2000 ("FSMA") as amended in 2010 and 2012 only. Standard Chartered Bank (trading as Standard Chartered Private Bank) is also an authorised financial services provider (license number 45747) in terms of the South African Financial Advisory and Intermediary Services Act, 2002. The Materials have not been prepared in accordance with UK legal requirements designed to promote the independence of investment research, and that it is not subject to any prohibition on dealing ahead of the dissemination of investment research. 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 gueries 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.