

weekly market view

macro strategy | 18 April 2019

This reflects the views of the Wealth Management Group

Editorial

China data confirms upturn

- A stream of upbeat China data confirms our view that the economy is starting to respond to stimulus. China's growth stabilisation is likely to support global investor sentiment.
- **Equities:** Europe's industrials sector is likely to benefit from China's economic upturn. US banks' Q1 earnings were lifted by prior rate hikes, but management guidance has been cautious.
- **Bonds:** Strong demand for Emerging Market (EM) USD government bonds, Asia USD bonds has helped offset a surge in supply, leading to a continued decline in yield premiums.
- FX: GBP/USD is testing strong support at 1.3000 amid slow progress in Brexit talks between the UK government and opposition. The GBP is likely to gain from a soft-Brexit outcome.

What's new?

- China data confirms upturn. China's economy appears to be responding to the government's well-orchestrated stimulus sooner than market expectations, based on a string of data unveiled over the past week. Growth in total credit, industrial production and retail sales in March significantly beat forecasts, and fixed asset investment continued to accelerate. Most of the turnaround appears to be led by state-owned companies and sectors (eg. infrastructure, metals and mining), which had earlier slowed due to the government's deleveraging campaign and efforts to clean up the environment. China's upbeat data is likely to revive global business and investor sentiment and supports our bullish outlook for global equities, with a preference for Asia ex-Japan (and China, within the region). In bonds, we would prefer to add exposure through EM USD government bonds.
- Europe's industrials sector to benefit from China rebound. European equities have rallied 15% YTD. Europe's industrials sector is among the top-performing sector, rising 20% YTD, amid expectations of increased new orders from China as authorities there boosted credit stimulus. Meanwhile, rising expectations of further ECB support for bank loans and deposits, amid continued downgrades to Euro area growth estimates, and banking sector consolidation have driven financials 17% higher YTD. Industrials is our preferred sector in Europe, while banks are a core holding.
- AUD supported by improving China data. AUD/USD is testing key resistance at 0.7200 following strong China data, which could provide support for the commodity export-driven economy. The pair reversed sharp losses suffered earlier following the release of RBA policy meeting minutes that raised the possibility of a rate cut and tolerance for a weaker exchange rate amid weak domestic outlook. The synchronised AUD upturn against major currencies (JPY, SGD, EUR) likely reflects the risk-on sentiment related to China. However, we will await further confirmation to determine if this move could lead to a stronger trend. The next key resistances for AUD/USD, AUD/JPY and AUD/SGD are 0.7400, 81.8000 and 0.9820, respectively.

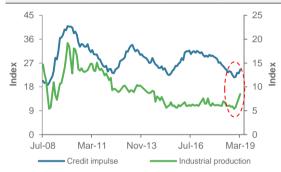
What we are watching

US housing data and durable goods orders; German IFO survey;
 BoJ policy; Brexit talks; US trade talks with China and Japan.

Contents	
China data confirms upturn	1
What does this mean for investors?	2
Do you see oil prices to rise further?	3
Market performance summary	4
Economic & Market Calendar	5
Disclosure Appendix	6

China's credit stimulus is helping revive key economic sectors

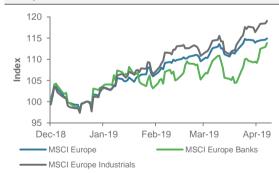
China's credit impulse, industrial production growth



Source: Bloomberg, Standard Chartered

Europe's industrial sector has outperformed YTD on the back of expectations of a recovery in China

Performance of MSCI Europe, MSCI Europe Industrials and MSCI Europe Banks indices YTD (100 = 31 Dec 2018)



Source: Bloomberg, Standard Chartered

Alexis Calla

Global Head, Investment Advisory & Strategy

Steve Brice

Chief Investment Strategist

Clive McDonnell

Head, Equity Investment Strategy

Manpreet Gill

Head, FICC Investment Strategy

Manish Jaradi

Senior Investment Strategist

Audrey Goh, CFA

Senior Cross-asset Strategist

Daniel Lam, CFA

Senior Cross-asset Strategist

Belle Chan

Senior Investment Strategist

Rajat Bhattacharya

Senior Investment Strategist

Francis Lim

Senior Investment Strategist

Thursten Cheok, CFA Senior Portfolio Strategist

Abhilash Narayan

Investment Strategist

Cedric Lam Investment Strategist

Trang Nguyen

Portfolio Strategist

DJ Cheong

Investment Strategist

Marco lachini

Cross-Asset Strategist



What does this mean for investors?

Emerging Markets continued to lead global equities higher, helped by better-than-expected China data. Government bonds declined as yields rose on renewed economic optimism.

Equities: Focus on China, US financials sector

- China financials benefit from growth boost. Hong Kong and China equities have edged higher, close to a 10-month high, amid China's better-than-expected economic data. The financial sector has rallied on strong growth in total social financing and money supply for March, which should boost banking sector revenue. In addition, accelerated growth in fixed asset investment has boosted sentiment towards infrastructure-related sectors. China equities, both onshore and offshore, are our preferred markets within Asia ex-Japan. Financials and consumer discretionary are our preferred China equity sectors.
- US banks deliver positive Q1 earnings surprise. US retail oriented banks' earnings have surprised on the upside, driven by better-than-expected interest income. This is due in part to the lagged effect of prior Fed rate hikes. However, forward earnings guidance has been cautious, reflecting expectations of no rate hikes by the Fed in 2019, which is likely to limit future growth in interest income. Consensus expectations point to 3.0% rise in US banks earnings in Q1 compared with a 2.3% decline in S&P earnings. We expect the US financials sector to perform broadly in line with overall US equities over the coming 12 months.

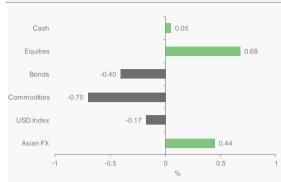
Bonds: Strong data drive Treasury, Bund yields higher

- Treasury, Bund yields rise to one-month highs. US 10-year Treasury yields rose close to 2.6%, its highest level since the dovish Fed meeting in March, helped by robust economic data and upbeat cues from the ongoing US Q1 earnings season. 10-year German Bund yields rose close to 0.1%. The rebound is in line with our expectations of modestly higher yields, as flagged in our recent publications. However, following the recent move, we believe government bond yields have returned to more reasonable levels, which should limit near-term downside risks.
- Corporate, EM bond yield premiums compress. Yield premiums for corporate bonds declined across most markets, helped by improved risk sentiment. Yield premiums for Emerging Market (EM) USD government bonds and Asian USD bonds fell despite the sharp uptick in bond supply, which suggests the issuance has been relatively well absorbed so far. However, the sharp rise in government bond yields more than offset the compression in premiums, resulting in Developed Market investment-grade corporate bonds posting negative returns for the week. We view the recent rise in government bond yields as a good opportunity to rebalance towards EM USD government bonds.

FX: EUR slips on growth downgrades

EUR/USD split between growth downgrades, improving external outlook. The pair continued to trade within a tight range between the support at 1.1175 and resistance at 1.1450. Some ECB members suggested the bank's economic projections may be too optimistic. Meanwhile, Germany's economic ministry cut the country's growth forecast for 2019 to 0.5%, which would be the weakest in six years. However, the improving outlook for China's growth and reduced concerns about a hard Brexit led to a ZEW survey indicator of Euro area growth for the next six months to turn positive for the first time in a year. The regional business confidence indicators (PMI) for April will be the next focus.

Benchmark (USD) performance w/w*



*Week of 11 April 2019 to 17 April 2019

Source: MSCI, JP Morgan, DJ-UBS, Citigroup, Bloomberg, Standard Chartered (Indices used are JP Morgan Cash, MSCI AC World TR, Citi World Big, DJ-UBS Commodity, DXY and ADXY)

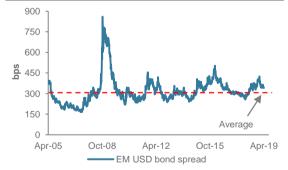
Equity market technicals are positive worldwide *Technical levels of key market indicators as on 17 April*

Index	Spot	1st support	1st resistance	Short- term trend
S&P500	2,900	2,850	2,940	Α
STOXX 50	3,478	3,392	3,510	71
FTSE 100	7,471	7,344	7,510	71
Nikkei 225	22,278	21,300	23,000	71
Shanghai Comp	3,263	3,120	3,340	^
Hang Seng	30,125	28,900	30,900	^
MSCI Asia ex-Japan	686	659	700	^
MSCI EM	1,096	1,054	1,131	^
Brent (ICE)	72	66	75	^
Gold	1,274	1,250	1,308	24
UST 10Y Yield	2.59	2.34	2.80	^

Source: Trading Central, Standard Chartered Note: Arrows represent short-term trend opinions

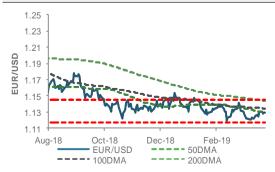
EM USD government bonds are still slightly cheap, despite this year's decline in yield premiums

EM USD government bond yield premium over Treasuries and average premium since 2005



Source: Bloomberg, Standard Chartered

EUR/USD has formed a strong base around 1.12 EUR/USD



Source: Refinitiv, Standard Chartered



Top client questions

Q1. Do you see a further rise in oil prices, given the recent rally?

Yes, albeit after some near-term consolidation/retreat. Our measure of investor diversity shows that the rally in Brent is looking relatively stretched in the near term. Several technical indicators also show that oil is possibly overbought as it tests key resistance at the August low of 70.50/bbl. A brief retreat cannot be ruled out, given it has rallied around 45% since its trough in December last year. There is immediate (moderate) support at an uptrend line from January (now at about USD 69.50/bbl). Any break below would indicate that the short-term upward pressure had eased, opening the way towards a fairly strong support at the March low of USD 64/bbl.

A tightening supply backdrop still seems to be the primary theme in oil prices, led by an extension of OPEC supply cuts. Unplanned outages (ie, Venezuela and Libya) also present upside risks. Additionally, the outlook for the global economy is beginning to improve, largely led by China and Emerging Markets, which is supportive of oil demand.

Beyond any near-term retreat, the probability of higher oil prices has risen in recent months following the rebound in December from a strong support on the 200-week moving average and a tighter demand-supply picture. However, investors will be closely watching whether US waivers for Iranian sanctions, which are set to expire in early May, are rolled over (especially for China and India).

Brent oil's rally could take a breather in the nearterm, before moving higher

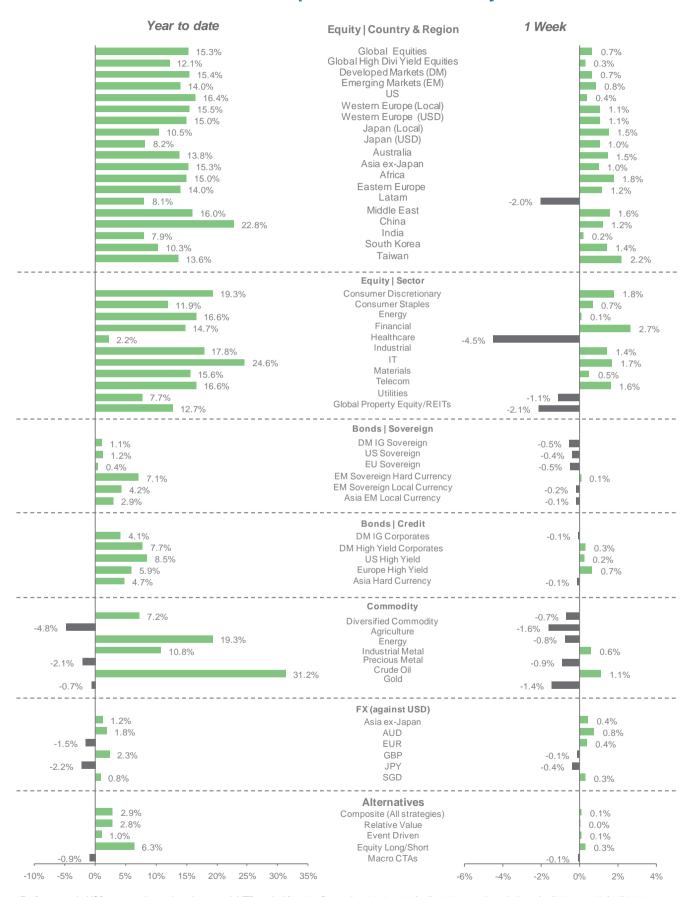
Brent Oil Daily chart



Source: Bloomberg, Standard Chartered



Market performance summary*



*Performance in USD terms unless otherwise stated, YTD period from 31 December 2018 to 17 April 2019, 1 week period: 11 April 2019 to 17 April 2019 Sources: MSCI, JP Morgan, Barclays Capital, Citigroup, Dow Jones, HFRX, FTSE, Bloomberg, Standard Chartered



Economic & Market Calendar

	Event	Next Week	Date	Period	Expected	Prior
MOM	US	Existing Home Sales	22-Apr-19	Mar	5.28m	5.51m
TUE	EC US	Consumer Confidence New Home Sales	23-Apr-19 23-Apr-19	Apr A Mar	-6.9 650k	-7.2 667k
WED	GE	IFO Expectations	24-Apr-19	Apr	-	95.6
THUR	SK	GDP y/y	25-Apr-19	1Q P	_	3.1%
	US	Durable Goods Orders	25-Apr-19	Mar P	0.5%	-1.6%
	US	Initial Jobless Claims	25-Apr-19	20-Apr	_	_
	US	Cap Goods Orders Nondef Ex Air	25-Apr-19	Mar P	-	-0.1%
	JN	BOJ Policy Balance Rate	25-Apr-19	25-Apr	-	-0.1%
FRI/SAT	JN	Industrial Production y/y	26-Apr-19	Mar P	_	-1.1%
	US	GDP Annualized q/q	26-Apr-19	1Q A	1.8%	2.2%
	US	Personal Consumption	26-Apr-19	1Q A	_	2.5%
	US	Core PCE q/q	26-Apr-19	1Q A	_	1.8%
	СН	Industrial Profits y/y	27-Apr-19	Mar	_	_
	GE	Retail Sales y/y	27-Apr-19	Mar	_	4.7%

	Event	This Week	Date	Period	Actual	Prior
TUE	US	Industrial Production m/m	16-Apr-19	Mar	-0.1%	0.1%
	JN	Exports y/y	17-Apr-19	Mar	-2.4%	-1.2%
	СН	Fixed Assets Ex Rural YTD y/y	17-Apr-19	Mar	6.3%	6.1%
	СН	Industrial Production y/y	17-Apr-19	Mar	8.5%	_
WED	СН	Retail Sales y/y	17-Apr-19	Mar	8.7%	_
	СН	GDP y/y	17-Apr-19	1Q	6.4%	6.4%
	EC	ECB Current Account SA	17-Apr-19	Feb	26.8b	37.1b
	UK	CPI Core y/y	17-Apr-19	Mar	1.8%	1.8%
THUR	GE	Markit/BME Germany Composite PMI	18-Apr-19	Apr P	_	51.4
	EC	Markit Eurozone Composite PMI	18-Apr-19	Apr P	_	51.6
	US	Retail Sales Ex Auto and Gas	18-Apr-19	Mar	_	-0.6%
-	SK	BoK 7-Day Repo Rate	18-Apr-19	18-Apr	1.75%	1.75%
	JN	Nikkei Japan PMI Mfg	18-Apr-19	Apr P	49.5	49.2
FRI/SAT	JN	Natl CPI Ex Fresh Food, Energy y/y	19-Apr-19	Mar	-	0.4%
	US	Housing Starts	19-Apr-19	Mar	-	1162k
	US	Building Permits	19-Apr-19	Mar	-	1291k

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

Source: Bloomberg, Standard Chartered; key indicators highlighted in blue



Disclosure Appendix

THIS IS NOT A RESEARCH REPORT AND HAS NOT BEEN PRODUCED BY A RESEARCH UNIT.

This document is not research material and it has not been prepared in accordance with legal requirements designed to promote the independence of investment research and is not subject to any prohibition on dealing ahead of the dissemination of investment research. This document does not necessarily represent the views of every function within Standard Chartered Bank, particularly those of the Global Research function.

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.

Banking activities may be carried out internationally by different Standard Chartered Bank branches, subsidiaries and affiliates (collectively "SCB") according to local regulatory requirements. With respect to any jurisdiction in which there is a SCB entity, this document is distributed in such jurisdiction by, and is attributable to, such local SCB entity. Recipients in any jurisdiction should contact the local SCB entity in relation to any matters arising from, or in connection with, this document. Not all products and services are provided by all SCB entities.

This document is being distributed for general information only and it does not constitute 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.

Investment involves risks. The prices of investment products fluctuate, sometimes dramatically. The price of investment products may move up or down, and may become valueless. It is as likely that losses will be incurred rather than profit made as a result of buying and selling investment products. 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 has not been and will not be registered as a prospectus in any jurisdiction and it is not authorised by any regulatory authority under any regulations.

SCB makes no representation or warranty of any kind, express, implied or statutory regarding, but not limited to, the accuracy of this document or the completeness of any information contained or referred to in this document. This document is distributed on the express understanding that, whilst the information in it is believed to be reliable, it has not been independently verified by us. SCB 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 this document, howsoever arising, and including any loss, damage or expense arising from, but not limited to, any defect, error, imperfection, fault, mistake or inaccuracy with this document, its contents or associated services, or due to any unavailability of the document or any part thereof or any contents.

SCB, and/or a connected company, may at any time, to the extent permitted by applicable law and/or regulation, be long or short any securities, currencies or financial instruments referred to on this document or have a material interest in any such securities or related investment, or may be the only market maker in relation to such investments, or provide, or have provided advice, investment banking or other services, to issuers of such investments. Accordingly, SCB, its affiliates and/or subsidiaries may have a conflict of interest that could affect the objectivity of this document. This document must not be reproduced, forwarded or otherwise made available to any other person without the express written consent of SCB, nor should it be distributed into any other jurisdiction unless permitted by the local laws and regulations of that jurisdiction. Neither SCB nor any of its directors, employees or agents accept any liability whatsoever for the actions of third parties in this respect.

Copyright: Standard Chartered Bank 2019. Copyright in all materials, text, articles and information contained herein is the property of, and may only be reproduced with permission of an authorised signatory of, Standard Chartered Bank. Copyright in materials created by third parties and the rights under copyright of such parties are hereby acknowledged. Copyright in all other materials not belonging to third parties and copyright in these materials as a compilation vests and shall remain at all times copyright of Standard Chartered Bank and should not be reproduced or used except for business purposes on behalf of Standard Chartered Bank or save



with the express prior written consent of an authorised signatory of Standard Chartered Bank. All rights reserved. © Standard Chartered Bank 2019.

Standard Chartered Private Bank is the private banking division of SCB. Private banking activities may be carried out internationally by different SCB legal entities and affiliates according to local regulatory requirements. Not all products and services are provided by all SCB branches, subsidiaries and affiliates. Some of the SCB entities and affiliates only act as representatives of the 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.

Country and Area 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 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 Regulatory Commission (CBRC), 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 Bank. SCBHK has its registered address at 32/F, Standard Chartered Bank Building, 4-4A Des Voeux Road Central, Hong Kong and is regulated by the Hong Kong Monetary Authority and registered with the Securities and Futures Commission ("SFC") to carry on Type 1 (dealing in securities), Type 4 (advising on securities), Type 6 (advising on corporate finance) and Type 9 (asset management) regulated activity under the Securities and Futures Ordinance (Cap. 571) ("SFO") (CE No. AJI614). The contents of this document have not been reviewed by any regulatory authority in Hong Kong and you are advised to exercise caution in relation to any offer set out herein. If you are in doubt about any of the contents of this document, you should obtain independent professional advice. Any product named herein may not be offered or sold in Hong Kong by means of any document at any time other than to "professional investors" as defined in the SFO and any rules made under that ordinance. In addition, this document may not be issued or possessed for the purposes of issue, whether in Hong Kong or elsewhere, and any interests may not be disposed of, to any person unless such person is outside Hong Kong or is a "professional investor" as defined in the SFO and any rules made under that ordinance, or as otherwise may be permitted by that ordinance. In Hong Kong, Standard Chartered Private Bank is the private banking division of Standard Chartered Bank (Hong Kong) Limited.

Ghana: Standard Chartered Bank Ghana Limited accepts no liability and will not be liable for any loss or damage arising directly or indirectly (including special, incidental or consequential loss or damage) from your use of these documents. Past performance is not indicative of future results and no representation or warranty is made regarding future performance. You should seek advice from a financial adviser on the suitability of an investment for you, taking into account these factors before making a commitment to invest in an investment. To unsubscribe from receiving further updates, please click here. Please do not reply to this email. Call our Priority Banking on 0302610750 for any questions or service queries. You are advised not to send any confidential and/or important information to the Bank via e-mail, as the Bank makes no representations or warranties as to the security or accuracy of any information transmitted via e-mail. The Bank shall not be responsible for any loss or damage suffered by you arising from your decision to use e-mail to communicate with the Bank.

India: Standard Chartered Bank is registered with Securities and Exchange Board of India as an Investment Advisor (Registration Number: INA000002249) under the Securities and Exchange Board of India (Investment Advisers) Regulations, 2013. You can avail of investment advisory services of Standard Chartered Bank only upon (i) executing separate documents with the Investment Advisory Group of Standard Chartered Bank for availing 'Investment Advice' (as defined in the Securities and Exchange Board of India (Investment Advisers) Regulations, 2013); and (ii) paying specific fees (if applied by Standard Chartered Bank) for such 'Investment Advice'. Standard Chartered Bank acts as a distributor of mutual funds and referrer of other third party financial products, for which Standard Chartered Bank receives commission / referral fees from the product provider.

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 Standard Chartered Group Offices 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: 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.

Singapore SCBSL: This document is being distributed in Singapore by, and is attributable to, Standard Chartered Bank (Singapore) Limited ("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. IN RELATION TO ANY FIXED INCOME AND STRUCTURED SECURITIES REFERRED TO IN THIS DOCUMENT (IF ANY), 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"). IT IS INTENDED FOR DISTRIBUTION TO ACCREDITED INVESTORS, AS DEFINED IN SECTION 4A OF THE SFA, OR ON TERMS THAT THE SECURITIES 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 fixed income and structured securities mentioned (if any), neither this document nor the Issuer Documentation have been, and will not be, 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. 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.

Singapore SCB, Singapore Branch: This document is being distributed in Singapore by SCB, Singapore branch only to accredited investors, expert investors or institutional investors, as defined in the Securities and Futures Act, Chapter 289 of Singapore. Recipients in Singapore should contact SCB, Singapore branch in relation to any matters arising from, or in connection with, this document. In Singapore, Standard Chartered Private Bank is the Private Banking division of SCB, Singapore branch. SCB, Singapore branch (Registration No. S16FC0027L) (GST Registration No.: MR-8500053-0) is licensed to conduct banking business under the Banking Act, Chapter 19 of Singapore. IN RELATION TO ANY FIXED INCOME AND STRUCTURED SECURITIES REFERRED TO IN THIS DOCUMENT (IF ANY), THIS DOCUMENT TOGETHER WITH THE ISSUER DOCUMENTATION SHALL BE DEEMED AN INFORMATION MEMORANDUM (AS DEFINED IN SECTION 275 OF THE SFA). IT IS INTENDED FOR DISTRIBUTION TO ACCREDITED INVESTORS, AS DEFINED IN SECTION 4A OF THE SFA. Further, in relation to fixed income and structured securities mentioned (if any), neither this document nor the Issuer Documentation have been, and will not be, 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, 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 (if any), 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 financial product; or (ii) an advertisement of an offer or intended offer of any financial product. Deposit Insurance Scheme: Singapore dollar deposits of nonbank 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

Thailand: Please study the Scheme Information Documents carefully e.g. investment policy, risks, fund performance before investing.

UAE: DIFC - Standard Chartered Bank, Dubai International Financial Centre (SCB DIFC) 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 authorized 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 here.

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.

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.

Market Abuse Regulation (MAR) Disclaimer

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. Banking activities may be carried out internationally by different Standard Chartered Bank branches, subsidiaries and affiliates (collectively "SCB") 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 SCB's own trading strategies or positions. SCB 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 SCB has a material interest in one or more of the financial instruments mentioned herein. If specific companies are mentioned in this communication, please note that SCB may at times do business or seek to do business with the companies covered in this communication; hold a position in, or have economic exposure to, such companies; and/or invest in the financial products issued by these companies. Further, SCB may be involved in activities such as dealing in, holding, acting as market makers or liquidity providers, or performing financial or advisory services including but not limited to, lead manager or colead manager in relation to any of the products referred to in this communication. SCB may have received compensation for these services and activities. Accordingly, SCB may have a conflict of interest that could affect the objectivity of this communication.

SCB has in place policies and procedures, logical access controls and physical information walls to help ensure confidential information, including material non-public or inside information is not disclosed unless in line with its policies and procedures and the rules of its regulators.

Please refer to https://www.sc.com/en/banking-services/market-disclaimer.html for more detailed disclosures, including past opinions in the last 12 months and conflict of interests, as well as disclaimers. This document must not be forwarded or otherwise made available to any other person without the express written consent of Standard Chartered Bank.

THIS IS NOT A RESEARCH REPORT AND HAS NOT BEEN PRODUCED BY A RESEARCH UNIT.