

Weekly Market View

China's 'conservative' boost

→ China's growth and budget targets for this year, unveiled at the National People's Congress, have underwhelmed investors who were hoping for a policy 'bazooka'. Nevertheless, we see a high probability of growth exceeding the 'conservative' 5% target, aided by a modest fiscal stimulus, supporting a corporate earnings recovery in targeted sectors.

→ Against the backdrop of rising recession risks in the US and Europe, this is likely to drive China's, and by extension Asia ex-Japan's, equity market outperformance over the next 6-12 months. Hence, we would use the recent consolidation in China equities and Asian USD bonds to add exposure, by rebalancing from more expensive US and European equity markets.

We also reiterate our preference for investment grade bonds and other income assets over equities amid elevated bond yields and rising risk of a recession in the US and Europe.



Are Investment Grade corporate bonds still attractive after Fed Chair Powell's testimony lifted short rates?

What is the right strategy for investors with exposure to the US technology sector?

What is the view on the USD, AUD and CAD after the latest central bank guidance?

Charts of the week: China's boost to domestic consumption

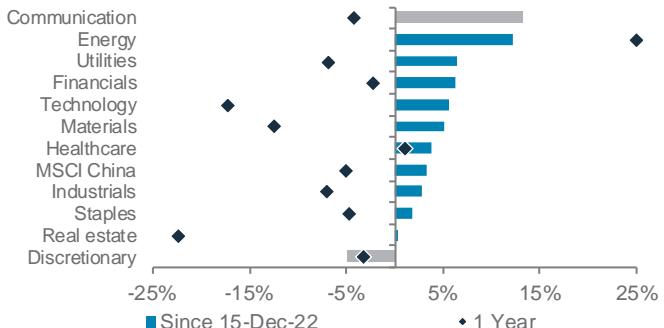
China's onshore equities are likely to catch up with offshore peers as they are more exposed to domestic consumption

Relative performance of China's onshore and offshore equities



Source: Bloomberg, Standard Chartered

Performance of China's equity sectors



Editorial

China's 'conservative' boost

China's growth and budget targets for this year, unveiled at the National People's Congress, have underwhelmed investors who were hoping for a policy 'bazooka'. Nevertheless, we see a high probability of growth exceeding the 'conservative' 5% target, aided by a modest fiscal stimulus, supporting a corporate earnings recovery in targeted sectors. Against the backdrop of rising recession risks in the US and Europe, this is likely to drive China's, and by extension Asia ex-Japan's, equity market outperformance over the next 6-12 months. Hence, we would use the recent consolidation in China equities and Asian USD bonds to add exposure, by rebalancing from more expensive US and European equity markets.

China's 5% economic growth target is the lowest in decades if we exclude the pandemic year (2020). This is backed by a modest rise in the headline budget deficit target to 3% of GDP, from 2.8%. However, if we include carryover and fiscal stabilisation funds as deficit financing items, the broad deficit will rise almost 1.6ppt to 7.5% of GDP in 2023 from 5.9% last year. The potential fiscal impulse means the bar is low for China to exceed its modest economic growth estimates this year.

The budget and other policy proposals also signal a break from the past in terms of China's strategic objectives. Instead of a historical focus on infrastructure investment (particularly construction), the proposed plan is geared towards stimulating domestic consumption and advanced technology, aimed at building China's resilience against potential shocks. The targeted measures bode well for the earnings growth outlook of select industries, including consumer discretionary (EV and large-ticket appliances), technology (semiconductors), and industrials (automation and defence). Given the policy beneficiaries are mostly listed in the onshore equity market (A shares), we expect the earnings outlook of A shares to be around 20% this year, surpassing that of offshore China equities (in the low-teen range).

Investment implications: a) China's consumption-driven growth recovery supports our preference for Asia ex-Japan equities (and within that China equities) and Asia USD bonds.

b) Within China, it raises the probability of outperformance of A shares vs. offshore equities in the near term. Over 90% of A shares are traded by Mainland investors, making them less prone to any global fund outflow due to geopolitical tensions or global recession concerns. Meanwhile, offshore shares have consolidated after the run-up since November. Some of the Internet giants now trade at reasonable valuations and could re-rate, should there be any clear reversal of policy stance, given their ability to drive innovation and increase youth employment. Technically, we see strong support for the Hang Seng Index around 19,300. In particular, we are overweight on communication services and consumer discretionary sectors, which should benefit from a consumption-driven rebound.

c) We expect the modest fiscal boost and still subdued inflation pressures to allow the central bank to keep monetary policy accommodative. The absence of a traditional fiscal stimulus focussed on infrastructure and construction also reduces the risk of stoking global commodity prices and inflation. Thus, it reduces the risk of a potential upside to global bond yields.

d) USD/CNH jumped in a knee-jerk reaction to the more modest GDP growth target, breaking above the 200DMA. We expect authorities to dampen currency volatility as the pair approaches the psychologically important level of 7.0. However, downside for the pair is likely to be limited by elevated US yields.

What we're watching: US non-farm payrolls and inflation data for February ('hot' reports would likely lead to a 50bps Fed rate hike on 22 March); ECB policy decision (50bps hike expected; forward guidance in focus); China activity data for February (retail sales, industrial production, fixed asset investment); market concerns about US banks seeing deposit outflows and marking down their bond security holdings due to higher rates and the potential channels of contagion to the broader sector.

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.

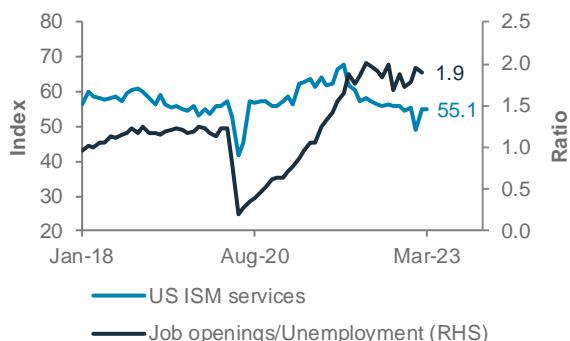
(+ factors: Robust US services ISM, resilient China exports

(- factors: Hawkish DM central banks, strong US job market, US-China tensions

	Positive for risk assets	Negative for risk assets
Macro data	<ul style="list-style-type: none"> US ISM services PMI fell less than expected to 55.2 US factory orders fell less than expected by 1.6% y/y China exports fell less than expected by 6.7% y/y China inflation slowed more than expected to 1.0% y/y; producer inflation fell more than expected by 1.4% y/y 	<ul style="list-style-type: none"> US private sector job creation (ADP) was more than expected in February; job openings fell less than expected Euro area Sentix investor confidence fell surprisingly Euro area retail sales fell more than expected by 2.3% y/y
	Our assessment: Neutral – Robust US services business confidence, resilient China exports vs stronger-than-expected job market (raising the risk of a more hawkish policy), receding Euro area investor confidence	
Policy developments	<ul style="list-style-type: none"> Fed Beige Book cited stronger-than-expected economic activities and robust labour market BoC held rates as expected, pausing a series of rate hikes for the first time in nine meetings BoJ maintained its accommodative policy as expected in Kuroda's last meeting as governor China proposed a modest boost to its budget deficit target to 3% of GDP, from 2.8% 	<ul style="list-style-type: none"> Fed's Powell warned of the possibility of accelerating the pace of rate hikes and a higher peak rate in view of the recent strong data China announced a conservative growth target of c.5.0%; Premier Li said the govt. would prevent unregulated expansion of property market China created a new financial and data watchdog to centralise power now held by multiple regulators ECB's Lagarde said more hikes were needed to tackle the inflation "monster"
	Our assessment: Negative – Hawkish DM central banks	<ul style="list-style-type: none"> China's foreign minister said relations with the US have left a "rational path" Concerns about deposit flight from small US banks
Other developments	Our assessment: Negative – US-China tension, US banks	

US job market remains tight due to robust services sector activity, raising the risk of higher for longer Fed rates

US job openings (JOLTS) to unemployment ratio and ISM Services PMI



Source: Bloomberg; Standard Chartered

Euro area investor confidence fell unexpectedly, and retail sales fell more than expected, raising doubts about the ECB's sustained hawkish stance

Euro area Sentix Investor Confidence and retail sales



Source: Bloomberg, Standard Chartered

China set a modest 5% growth target for 2023 and raised the budget deficit target marginally to 3%

China's key economic targets unveiled at the annual National People's Congress

Year	Growth target	CPI	Fiscal deficit quota (RMB trn)	Local govt. special bond
2019	6.0 - 6.5%	3.0%	2.80%	2.15
2020	None	3.5%	3.60%	3.75
2021	Above 6%	3.0%	3.20%	3.65
2022	Around 5.5%	3.0%	2.80%	3.65
2023	Around 5%	3.0%	3.00%	3.80

Source: Bloomberg, Standard Chartered

Top client questions

Q Are Investment Grade corporate bonds still attractive after Fed Chair Powell's testimony lifted short-term rates?

At his Congressional testimony, Powell highlighted the need to quicken the pace of rate hikes towards a higher terminal rate should data justify doing so. The bond market reactions included (1) a yield spike in shorter-maturity bonds, with the 2-year yield breaching the 5% mark for the first time since 2007 and (2) an intensification of yield curve inversion, with the 10y2y spread falling below -100bps.

We see two questions emanating from these market reactions. The 1st question is on the risk/reward of cash vs. longer-term credit given the yield spike at the front end. We believe longer-term bonds still offer value because: (1) DM IG corporate bonds still pay a yield premium over cash; (2) their higher sensitivity to changes in yields (duration) offers better upside in the event of a Fed policy reversal; and (3) longer maturity profiles help reduce reinvestment risk relative to cash. The second is whether we can draw any conclusions from the size of the yield curve inversion. We see the yield curve as a binary recession indicator, with little to support a view of a deeper inversion implying a deeper recession. We would, though, note that there have been only 4 occurrences of the 10y2y spread closing below -100bps since 1976. In all 4 episodes, there was already a recession, or a recession occurred within the next 8 months.

— Zhong Liang Han, CFA, *Investment Strategist*

Q What is the right strategy for investors with exposure to the US technology sector?

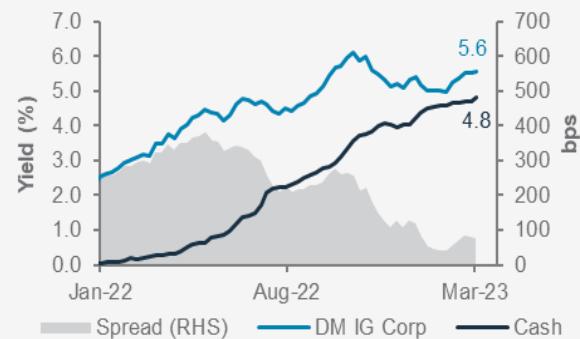
The US technology sector has outperformed the broader market YTD. While the sector saw a valuation derating in 2022 amid higher bond yields, it has benefitted from resilient US growth data and cost-control measures. In the face of cost inflation, technology companies have laid off employees and have become cautious on investments, as they adjust their cost base. Tech companies are relatively less affected by raw material and input cost rises impacting other sectors.

However, over the next 6-12 months, we believe investors should rotate towards our preferred equity markets in Asia ex-Japan and China, which are more attractively valued. In particular, we are Overweight on the communication services and consumer discretionary sectors in China, which we expect will benefit from a consumption rebound and pro-growth policies. Although US tech sector valuations are off their highs, they remain elevated; the 12-month forward P/E for the sector is at 23x, above the historic average of 20x, while consensus expectation is for only 0.4% earnings growth in 2023. For investors who wish to remain in the US tech sector, we highlight areas such as cybersecurity and semiconductors linked to artificial intelligence (AI) that are seeing attractive tailwinds now.

— Fook Hien Yap, *Senior Investment Strategist*

DM IG corporate bonds still pay a premium over cash

DM IG corporate bond vs. cash yield



Source: Bloomberg, Standard Chartered

US tech sector valuations remain elevated despite price performance since end-2021

Performance of "Big Tech" stocks (average for Microsoft, Apple, Meta, Amazon and Alphabet), MSCI US and MSCI US Technology sector (rebased 100=31-Dec-2021)



Source: Bloomberg, Standard Chartered

Top client questions (cont'd)

Q What is your view on the USD, CAD and AUD after the recent central bank guidance?

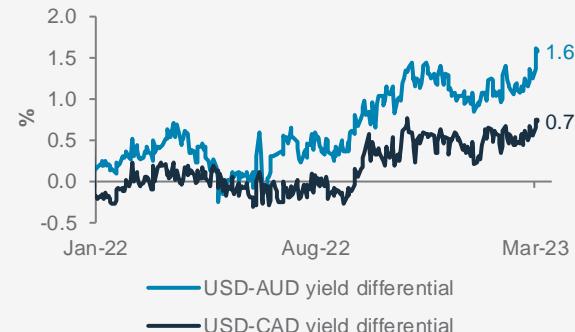
The past week was marked by signs of potentially rising divergence in the monetary policies of major Developed Market central banks over the next few months. The BoC chose to leave interest rates unchanged for the first time in nine meetings, pushing USD/CAD above 1.38, its highest level since October 2022. Although BoC Governor Macklem is of the view that future rate hikes are possible, most indicators point to a prolonged pause, which could push USD/CAD to test the 2022 high of 1.3977 over the next few weeks. In Australia, the RBA hiked rates by 25bps, but RBA Governor Lowe sounded dovish in his forward guidance, which led the markets to sharply adjust their rate hike expectations lower. Tactically, the AUD/USD sell-off appears somewhat overdone, but barring a modest rebound, AUD/USD could trade in the 0.66-0.68 range, as the growing interest rate differentials could offset any potential benefit from China's growth rebound.

In contrast to the BoC and RBA, Fed Chair Powell sounded more hawkish in his Senate testimony, highlighting data dependence and the possibility of faster rate hikes and a higher rate peak, should data warrant either outcome. As a result, the USD index (DXY) bounced above the 104.7 resistance level to reach its highest level since 6 January. Another strong set of job market data could push the index towards the 107.10 resistance level, but we struggle to see catalysts for strength beyond that. We would look to use any USD bounce as a chance to sell the USD and go long EUR/USD.

— **Abhilash Narayan, Senior Investment Strategist**

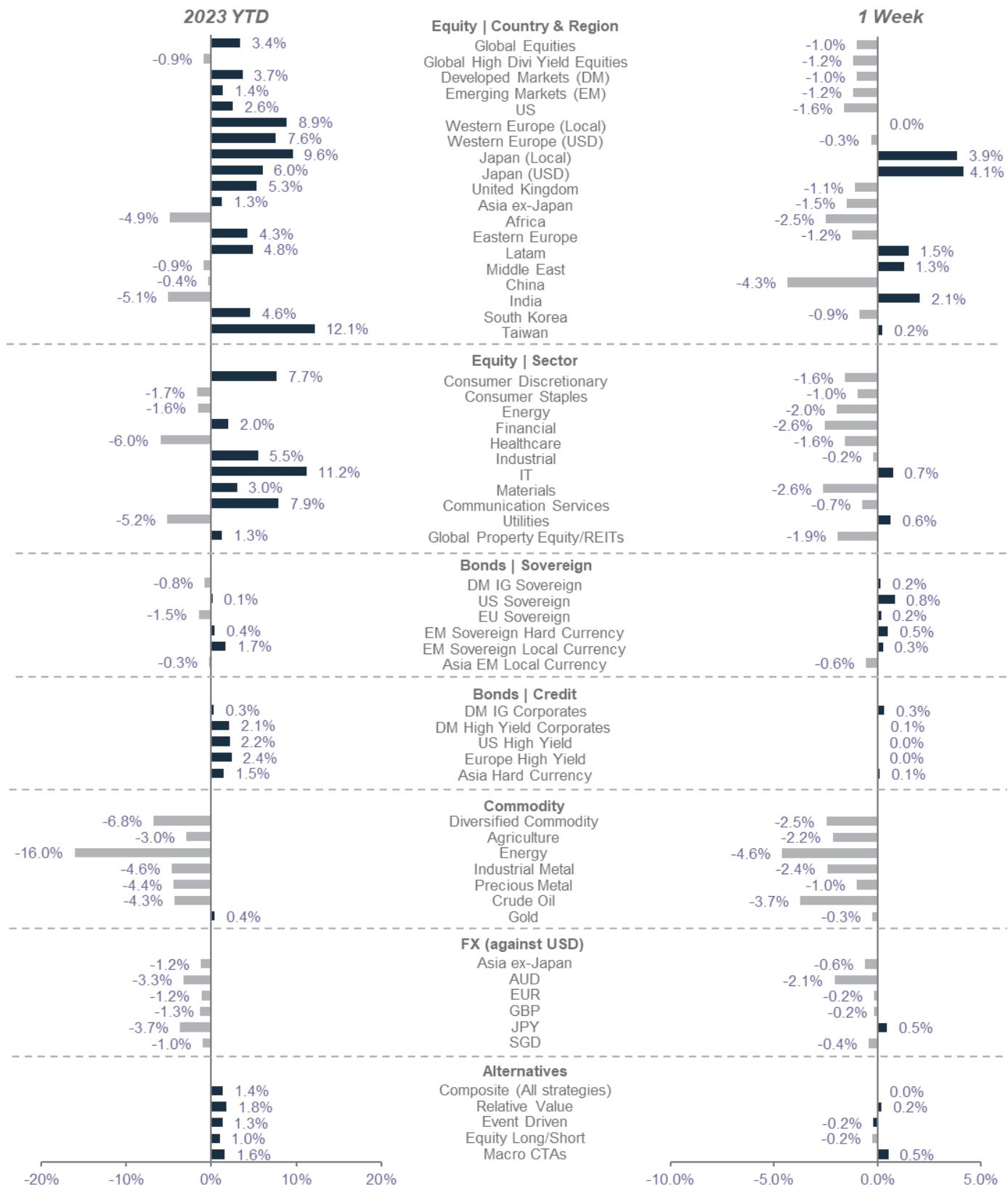
Growing signs of monetary policy divergence between US and other major central banks have led to higher interest rate differentials, supporting the USD

2-year nominal interest rate differentials between US and Australia, and US and Canada



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, 2023 YTD performance from 31 December 2022 to 9 March 2023; 1-week period: 2 March 2023 to 9 March 2023

Our 12-month asset class views at a glance

Asset class		Preferred Sectors	
Equities	▼		
Euro area	◆	US Energy	▲
US	◆	US Staples	▲
UK	◆	US Healthcare	▲
Asia ex-Japan	▲	Europe Energy	▲
Japan	▼	Europe Financials	▲
Other EM	◆	China Comm. Services	▲
		China Discretionary	▲
Bonds (Credit)	▲		
Asia USD	▲	Alternatives	◆
Corp DM HY	▼		
Govt EM USD	◆	Gold	◆
Corp DM IG	◆		
Bonds (Govt)	▲		
Govt EM Local	◆		
Govt DM IG	◆		

Source: Standard Chartered Global Investment Committee

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

Next support for US 10-year govt. bond yield is at 3.85%

Technical indicators for key markets as of 09 March close

Index	Spot	1st support	1st resistance
S&P 500	3,918	3,875	4,005
STOXX 50	4,286	4,247	4,320
FTSE 100	7,880	7,858	7,925
Nikkei 225	28,623	27,874	28,998
Shanghai Comp	3,276	3,259	3,311
Hang Seng	19,926	19,700	20,377
MSCI Asia ex-Japan	626	620	638
MSCI EM	968	960	985
WTI (Spot)	76	74	79
Gold	1,831	1,811	1,854
UST 10y Yield	3.90	3.85	4.00

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	Expected	Prior
MON					
UK	Average Weekly Earnings 3m/y/y	Jan		- 5.9%	
UK	ILO Unemployment Rate 3Mths	Jan		- 3.7%	
US	NFIB Small Business Optimism	Feb		- 90.3	
US	CPI y/y	Feb		6.0% 6.4%	
US	CPI Ex Food & Energy y/y	Feb		5.4% 5.6%	
CH	Industrial Production y/y	Feb		2.6% 1.3%	
CH	Retail Sales y/y	Feb		3.5% -1.8%	
CH	Fixed Assets Ex Rural YTD y/y	Feb		4.5% 5.1%	
US	PPI Final Demand y/y	Feb		5.4% 6.0%	
US	PPI Ex Food & Energy y/y	Feb		- 5.4%	
US	Empire Manufacturing	Mar		-7.4 -5.8	
US	Retail Sales Ex Auto & Gas	Feb		- 2.6%	
US	Housing Starts	Feb		1310k 1309k	
EC	ECB Deposit Facility Rate	3/16/2023		- 2.5%	
US	Industrial Production m/m	Feb		0.5% 0.0%	
US	Leading Index	Feb		-0.2% -0.3%	
US	U. of Mich. Sentiment	Mar P		67.0 67.0	

Source: Bloomberg, Standard Chartered

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

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

Investor diversity remains healthy across asset classes

Our proprietary market diversity indicators as of 09 March

Level 1	Diversity	1-month trend	Fractal dimension
Global Bonds	●	↑	1.53
Global Equities	●	↑	1.67
Gold	●	↑	1.74
Equity			
MSCI US	●	↑	1.83
MSCI Europe	●	↑	1.47
MSCI AC AXJ	●	↑	1.72
Fixed Income			
DM Corp Bond	●	↑	1.66
DM High Yield	●	↑	1.74
EM USD	●	↑	2.32
EM Local	●	↑	1.54
Asia USD	●	→	1.70
Currencies			
EUR/USD	●	↑	2.25

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

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

Disclosures

This document is confidential and may also be privileged. If you are not the intended recipient, please destroy all copies and notify the sender immediately. This document is being distributed for general information only and is subject to the relevant disclaimers available at 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 SCB at the date of this document and subject to change without notice. Past performance is not indicative of future results and no representation or warranty is made regarding future performance. Any forecast contained herein as to likely future movements in rates or prices or likely future events or occurrences constitutes an opinion only and is not indicative of actual future movements in rates or prices or actual future events or occurrences (as the case may be). This document must not be forwarded or otherwise made available to any other person without the express written consent of the Standard Chartered Group (as defined below). Standard Chartered Bank is incorporated in England with limited liability by Royal Charter 1853 Reference Number ZC18. The Principal Office of the Company is situated in England at 1 Basinghall Avenue, London, EC2V 5DD. Standard Chartered Bank is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and Prudential Regulation Authority. Standard Chartered PLC, the ultimate parent company of Standard Chartered Bank, together with its subsidiaries and affiliates (including each branch or representative office), form the Standard Chartered Group. Standard Chartered Private Bank is the private banking division of Standard Chartered. Private banking activities may be carried out internationally by different legal entities and affiliates within the Standard Chartered Group (each an "SC Group Entity") according to local regulatory requirements. Not all products and services are provided by all branches, subsidiaries and affiliates within the Standard Chartered Group. Some of the SC Group Entities only act as representatives of Standard Chartered Private Bank and may not be able to offer products and services or offer advice to clients. ESG data has been provided by Morningstar and Sustainalytics. Refer to the Morningstar website under Sustainable Investing and the Sustainalytics website under ESG Risk Ratings for more information. The information is as at the date of publication based on data provided and may be subject to change.

Copyright © 2023, Accounting Research & Analytics, LLC d/b/a CFRA (and its affiliates, as applicable). Reproduction of content provided by CFRA in any form is prohibited except with the prior written permission of CFRA. CFRA content is not investment advice and a reference to or observation concerning a security or investment provided in the CFRA SERVICES is not a recommendation to buy, sell or hold such investment or security or make any other investment decisions. The CFRA content contains opinions of CFRA based upon publicly-available information that CFRA believes to be reliable and the opinions are subject to change without notice. This analysis has not been submitted to, nor received approval from, the United States Securities and Exchange Commission or any other regulatory body. While CFRA exercised due care in compiling this analysis, CFRA, ITS THIRD-PARTY SUPPLIERS, AND ALL RELATED ENTITIES SPECIFICALLY DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, to the full extent permitted by law, regarding the accuracy, completeness, or usefulness of this information and assumes no liability with respect to the consequences of relying on this information for investment or other purposes. No content provided by CFRA (including ratings, credit-related analyses and data, valuations, model, software or other application or output therefrom) or any part thereof may be modified, reverse engineered, reproduced or distributed in any form by any means, or stored in a database or retrieval system, without the prior written permission of CFRA, and such content shall not be used for any unlawful or unauthorized purposes. CFRA and any third-party providers, as well as their directors, officers, shareholders, employees or agents do not guarantee the accuracy, completeness, timeliness or availability of such content. In no event shall CFRA, its affiliates, or their third-party suppliers be liable for any direct, indirect, special, or consequential damages, costs, expenses, legal fees, or losses (including lost income or lost profit and opportunity costs) in connection with a subscriber's, subscriber's customer's, or other's use of CFRA's content.

Market Abuse Regulation (MAR) Disclaimer

Banking activities may be carried out internationally by different branches, subsidiaries and affiliates within the Standard Chartered Group according to local regulatory requirements. Opinions may contain outright "buy", "sell", "hold" or other opinions. The time horizon of this opinion is dependent on prevailing market conditions and there is no planned frequency for updates to the opinion.

This opinion is not independent of Standard Chartered Group's trading strategies or positions. Standard Chartered Group and/or its affiliates or its respective officers, directors, employee benefit programmes or employees, including persons involved in the preparation or issuance of this document may at any time, to the extent permitted by applicable law and/or regulation, be long or short any securities or financial instruments referred to in this document or have material interest in any such securities or related investments. Therefore, it is possible, and you should assume, that Standard Chartered Group has a material interest in one or more of the financial instruments mentioned herein. Please refer to 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.

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 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 Brunei Darussalam Central Bank as a Capital Markets Service License Holder with License Number AMBD/R/CMU/S3-CL and 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 China Banking and Insurance Regulatory Commission (CBIRC), State Administration of Foreign Exchange (SAFE), and People's Bank of China (PBOC). **Hong Kong:** In Hong Kong, this document, except for any portion advising on or facilitating any decision on futures contracts trading, is distributed by Standard Chartered Bank (Hong Kong) Limited ("SCBHK"), a subsidiary of Standard Chartered PLC. SCBHK has its registered address at 32/F, Standard Chartered Bank Building, 4-4A Des Voeux Road Central, Hong Kong and is regulated by the Hong Kong Monetary Authority and registered with the Securities and Futures Commission ("SFC") to carry on Type 1 (dealing in securities), Type 4 (advising on securities), Type 6 (advising on corporate finance) and Type 9 (asset management) regulated activity under the Securities and Futures Ordinance (Cap. 571) ("SFO") (CE No. AJI614). The contents of this document have not been reviewed by any regulatory authority in Hong Kong and you are advised to exercise caution in relation to any offer set out herein. If you are in doubt about any of the contents of this document, you should obtain independent professional advice. Any product named herein may not be offered or sold in Hong Kong by means of any document at any time other than to "professional investors" as defined in the SFO and any rules made under that ordinance. In addition, this document may not be issued or possessed for the purposes of issue, whether in Hong Kong or elsewhere, and any interests may not be disposed of, to any person unless such person is outside Hong Kong or is a "professional investor" as defined in the SFO and any rules made under that ordinance, or as otherwise may be permitted by that ordinance. In Hong Kong, Standard Chartered Private Bank is the private banking division of Standard Chartered Bank (Hong Kong) Limited, 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 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:** 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 (Standard Chartered Bank/the Bank) that is licensed by the Capital Markets Authority as a Fund Manager. Standard Chartered Bank Kenya Limited is regulated by the Central Bank of Kenya. **Malaysia:** This document is being distributed in Malaysia by Standard Chartered Bank Malaysia Berhad. Recipients in Malaysia should contact Standard Chartered Bank Malaysia Berhad in relation to any matters arising from, or in connection with, this document. **Nigeria:** This document is being distributed in Nigeria by Standard Chartered Bank Nigeria Limited ("the Bank"), a bank duly licensed and regulated by the Central Bank of Nigeria. The Bank accepts no liability for any loss or damage arising directly or indirectly (including special, incidental or consequential loss or damage) from your use of these documents. You should seek advice from a financial adviser on the suitability of an investment for you, taking into account these factors before making a commitment to invest in an investment. To unsubscribe from receiving further updates, please send an email to clientcare.ng@sc.com requesting to be removed from our mailing list. Please do not reply to this email. Call our Priority Banking on 01-2772514 for any questions or service queries. The Bank shall not be responsible for any loss or damage arising from your decision to send confidential and/or important information to the Bank via e-mail, as the Bank makes no representations or warranties as to the security or accuracy of any information transmitted via e-mail. **Pakistan:** This document is being distributed in Pakistan by, and is 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 S\$200,000 (OR ITS EQUIVALENT IN A FOREIGN CURRENCY) FOR EACH TRANSACTION. Further, in relation to any security or securities-based derivatives contract, neither this document nor the Issuer Documentation has been registered as a prospectus with the Monetary Authority of Singapore under the SFA. Accordingly, this document and any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of the product may not be circulated or distributed, nor may the product be offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to persons other than a relevant person pursuant to section 275(1) of the SFA, or any person pursuant to section 275(1A) of the SFA, and in accordance with the conditions specified in section 275 of the SFA, or pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA. In relation to any collective investment schemes referred to in this document, this document is for general information purposes only and is not an offering document or prospectus (as defined in the SFA). This document is not, nor is it intended to be (i) an offer or solicitation of an offer to buy or sell any capital markets product; or (ii) an advertisement of an offer or intended offer of any capital markets product. **Deposit Insurance Scheme:** Singapore dollar deposits of non-bank depositors are insured by the Singapore Deposit Insurance Corporation, for up to S\$75,000 in aggregate per depositor per Scheme member by law. Foreign currency deposits, dual currency investments, structured deposits and other investment products are not insured. This advertisement has not been reviewed by the Monetary Authority of Singapore. **Taiwan:** Standard Chartered Bank ("SCB") or Standard Chartered Bank (Taiwan) Limited

(“SCB (Taiwan)”) may be involved in the financial instruments contained herein or other related financial instruments. The author of this document may have discussed the information contained herein with other employees or agents of SCB or SCB (Taiwan). The author and the above-mentioned employees of SCB or SCB (Taiwan) may have taken related actions in respect of the information involved (including communication with customers of SCB or SCB (Taiwan) as to the information contained herein). The opinions contained in this document may change, or differ from the opinions of employees of SCB or SCB (Taiwan). SCB and SCB (Taiwan) will not provide any notice of any changes to or differences between the above-mentioned opinions. This document may cover companies with which SCB or SCB (Taiwan) seeks to do business at times and issuers of financial instruments. Therefore, investors should understand that the information contained herein may serve as specific purposes as a result of conflict of interests of SCB or SCB (Taiwan). SCB, SCB (Taiwan), the employees (including those who have discussions with the author) or customers of SCB or SCB (Taiwan) may have an interest in the products, related financial instruments or related derivative financial products contained herein; invest in those products at various prices and on different market conditions; have different or conflicting interests in those products. The potential impacts include market makers' related activities, such as dealing, investment, acting as agents, or performing financial or consulting services in relation to any of the products referred to in this document. **UAE:** DIFC - Standard Chartered Bank is incorporated in England with limited liability by Royal Charter 1853 Reference Number ZC18. The Principal Office of the Company is situated in England at 1 Basinghall Avenue, London, EC2V 5DD. Standard Chartered Bank is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and Prudential Regulation Authority. Standard Chartered Bank, Dubai International Financial Centre having its offices at Dubai International Financial Centre, Building 1, Gate Precinct, P.O. Box 999, Dubai, UAE is a branch of Standard Chartered Bank and is regulated by the Dubai Financial Services Authority (“DFSA”). This document is intended for use only by Professional Clients and is not directed at Retail Clients as defined by the DFSA Rulebook. In the DIFC we are authorised to provide financial services only to clients who qualify as Professional Clients and Market Counterparties and not to Retail Clients. As a Professional Client you will not be given the higher retail client protection and compensation rights and if you use your right to be classified as a Retail Client we will be unable to provide financial services and products to you as we do not hold the required license to undertake such activities. For Islamic transactions, we are acting under the supervision of our Shariah Supervisory Committee. Relevant information on our Shariah Supervisory Committee is currently available on the Standard Chartered Bank website in the Islamic banking section. 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 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 (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.