

# Weekly Market View

## What could sustain the risk-on rally?

- Risk assets have cheered the end of the US debt ceiling drama, turning their focus to seemingly resilient Developed Market growth, hopes of new policy stimulus in China and an Artificial Intelligence (AI)-driven 'mania'.
- While the narrow AI-led rally could last longer, we remain sceptical about the sustainability of the broader market rally, given leading indicators are still pointing towards a US recession.
- Meanwhile, US markets are likely to see a USD 1-1.5trn liquidity squeeze in the coming months as the government replenishes its cash reserves post the suspension of the debt ceiling.
- In this report, we assess three potential drivers for a risk asset rally and explain why we do not expect them to last over the next 12 months.



What can we learn from the decline in volatility in the S&P500 index?

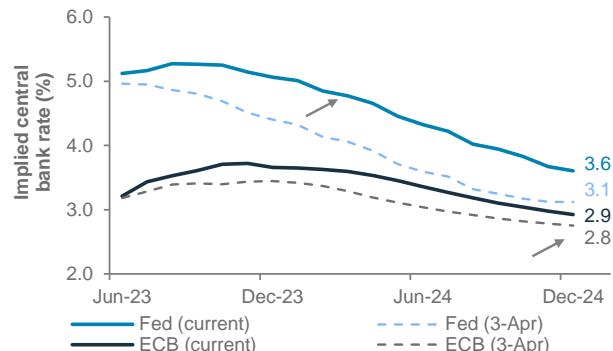
Is it too late to buy Japanese equities?

Do you expect the surprise RBA and BoC rate hikes to boost the AUD and CAD?

## Charts of the week: Hawkish central banks, despite slowing growth

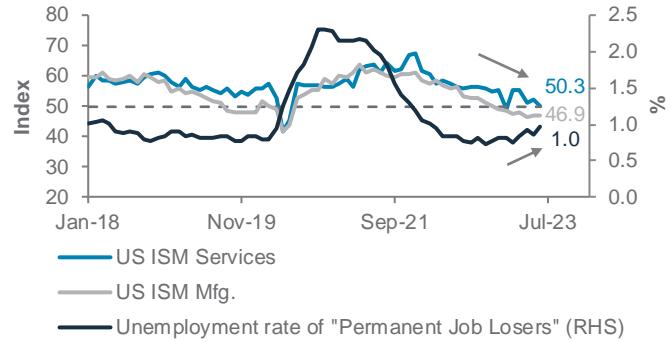
Markets are expecting higher-for-longer Fed and ECB rates due to still-elevated inflation even as economic activity slows

Money market expectations of Fed and ECB rates



Source: Bloomberg, Standard Chartered; \*percentage of unemployed whose employment ended involuntarily and are not on temporary layoff

US ISM Manufacturing, Services PMIs; permanent job losers\*



## Editorial

### What could sustain the risk-on rally?

Risk assets have cheered the end of the US debt ceiling drama, turning their focus to seemingly resilient Developed Market growth and hopes of new policy stimulus in China. The S&P500 index, after several false bear market rallies, has broken above key resistance. Are we in for a sustained bull market?

While the narrow Artificial Intelligence (AI)-related technology sector 'mania' – seen in the outperformance of the market-weighted vs. the equal-weighted S&P500 index – could last longer (how does one estimate how long a 'mania' will last!), we remain sceptical about the sustainability of the broader market rally, given leading indicators are still pointing towards a US recession. If anything, the past week's weaker-than-expected ISM Services PMI data suggests the main driver of the ongoing US expansion is deteriorating. The unexpected jump in the US jobless rate to 3.7% in May adds another potential red flag to our US recession checklist. Meanwhile, US markets are likely to see a USD 1-1.5trn liquidity squeeze in the coming months as the government replenishes its coffers post the debt ceiling suspension. Also, data this week showed the Euro area entered a technical recession in Q1. Against this weak backdrop, we assess three potential drivers for a risk rally and explain why we do not expect them to last over the next 12 months:

**Immaculate disinflation:** There is a very narrow window for this scenario to play out. It involves a rapid decline in DM inflation towards central bank targets this year, without a sharp rise in jobless rates. Elevated core inflation across DMs (see chart on page 3) amid still-tight job markets suggests inflation is unlikely to fall to target without a much weaker job market. Leading indicators of the US job market, including the falling rate at which workers are quitting and the rise in permanent job losers (see chart), are pointing to a deteriorating US job market.

**Central banks easing up on their inflation fight:** Any sign that central banks are tolerating above-target inflation would be

bullish for stocks and negative for bonds. As of now, we see no such signals from the central banks. If anything, recent weeks have seen the reverse playing out: US rate cut expectations have been pared back since March, with markets now pricing in another 25bps rate hike by July. The ECB is signalling higher rates to fight inflation, even as economic activity deteriorates (we expect the Fed and ECB to reiterate higher-for-longer rates next week). The RBA and BoC surprised markets this week with rate hikes, with talk of more to come, amid resilient core inflation and labour markets. While our base case is that of a pause in Fed rates until Q4, there is a rising risk of higher rates if US and Euro area recession expectations are pushed back into 2024. Higher DM rates would challenge the rally in risk assets.

**AI-driven, capex-led expansion:** This is the new narrative for bulls, reminiscent of the internet "mania" of the late 1990s. The hope is that the so-called AI revolution will trigger large-scale corporate spending on technology, transforming productivity. This in turn is expected to prolong the economic cycle. Like the internet revolution, the transformative potential of AI cannot be ignored. However, like the internet, it is likely to take years for firms to monetise AI's benefits. Meanwhile, the narrow AI-led equity rally (driven mainly by a few tech-sector leaders) faces stretched valuations and positioning. The lessons from the dot-com bubble also suggest it is hard to pick the winners in any "Mania". Several supposed internet leaders collapsed once the internet bubble burst. Hence, prudence dictates position-sizing any exposure to this sector according to one's risk appetite.

**Investment implications:** The AI mania could well last for a while. However, the challenging fundamental backdrop means we remain reluctant to chase the narrowly supported frenzy in some risk assets and instead rebalance into more defensive assets such as DM government bonds, within a diversified foundation allocation. Asia USD bonds and Japanese stocks are among our other top picks (see pages 4-5).

— Rajat Bhattacharya

## The weekly macro balance sheet

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

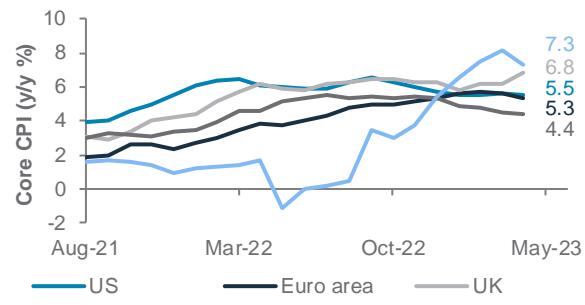
**(+ factors:** US debt ceiling suspended, supportive China policies

**(- factors:** Weak US services, Euro area investor confidence, China exports, still-rising Developed Market rates

	Positive for risk assets	Negative for risk assets
Macro data	<ul style="list-style-type: none"> <li>US added more-than-expected jobs (339,000); however, unemployment rate rose more than expected to 3.7%; wage growth and number of hours worked eased</li> <li>China Caixin services PMI improved unexpectedly to 57.1</li> <li>China's imports contracted less than expected (-4.5%)</li> <li>China consumer inflation rose 0.2% y/y as expected; producer prices slumped 4.6% y/y</li> </ul>	<ul style="list-style-type: none"> <li>US ISM services fell unexpectedly to 50.3; all four components deteriorated; S&amp;P US services PMI revised lower in final reading</li> <li>US initial jobless claims rose more than expected</li> <li>Euro area Sentix investor confidence fell more than expected to -17.0</li> <li>Euro area retail sales were flat m/m, below expectations</li> <li>China exports fell unexpectedly by -7.5%</li> </ul>
	<b>Our assessment: Neutral</b> – Robust US job creation, strong China services vs rising US jobless rate and weaker services, weak Euro area investor confidence, contracting China exports	
Policy developments	<ul style="list-style-type: none"> <li>China authorities are reportedly considering another property sector support package</li> <li>The PBoC asked large banks to lower deposit rates</li> </ul>	<ul style="list-style-type: none"> <li>RBA delivered yet another surprise rate hike of 25bps and signalled more ahead</li> <li>BoC hiked rates unexpectedly by 25bps</li> <li>China Communist Party Politburo meeting skipped post-meeting statement in May, the third month of missing readouts</li> </ul>
	<b>Our assessment: Neutral</b> – Supportive China policies vs surprise rate hikes in Australia, Canada	
Other developments	<ul style="list-style-type: none"> <li>US President Biden signed the bill to suspend debt ceiling, averting a default</li> <li>US Secretary of State Blinken plans to visit Beijing in the coming weeks</li> </ul>	<ul style="list-style-type: none"> <li>Saudi Arabia announced voluntary cut of 1mb/d, while OPEC+ stayed put</li> <li>China and US dispute over the interceptions of US ship and surveillance aircrafts</li> </ul>
	<b>Our assessment: Neutral</b> – US debt default risk fades vs surprise Saudi oil output cut to prop oil prices	

**Core inflation, while mostly having peaked, remains elevated across Developed Markets, forcing central banks to stay hawkish**

Core consumer inflation in key Developed Markets



Source: Bloomberg; Standard Chartered

**Euro area consumption and investor sentiment continued to deteriorate**

Euro area retail sales and Sentix Investor Confidence



Source: Bloomberg, Standard Chartered

**China's exports fell unexpectedly in May amid falling goods demand from key trade partners**

China exports and imports growth



Source: Bloomberg, Standard Chartered

## Top client questions

### Q What can we learn from the decline in volatility (the VIX Index) for US equities?

The VIX index, an indicator designed to produce a measure of constant, 30-day expected volatility of the US stock market, is firmly back at the pre-pandemic levels. This comes against the backdrop of US economic data that is slowing, but at a measured pace, and company earnings that have been beating expectations. Supportive fiscal and monetary policies through 2020 and 2021 helped US companies' profitability and many used the opportunity to lock-in low borrowing costs by extending the duration of their debt. This has helped the companies mitigate the impact of surging benchmark interest rates as the Fed hiked rates since early 2022.

Low market volatility could lead to more equity-buying from a section of institutional investors (CTAs) and volatility-targeting funds, supporting US equities over the very short-term (1-month horizon). Having said that, the VIX index was near similarly low levels prior to previous bear markets as well. Were there to be a change in narrative (an underperformance of US economic data relative to expectations, for example), a low VIX Index would not stand in the way of renewed downward pressure on US equities.

— **Daniel Lam, Head, Equity Strategy**

### Q Is it too late buy Japanese equities?

The strong rebound in Japan equities YTD and the influx of foreign fund inflows have raised questions over the sustainability of the recent rally. We are, however, more constructive and believe the region is still likely to outperform global equities over the next 6-12 months from here.

The rise in Japanese equities does not appear stretched. Our short-term market diversity indicator is not flashing warning signs. The relative strength index, a technical indicator of price momentum, remains far from the overbought territory. Index technicals argue that any pullback in the TOPIX index to the 'gap zone' between 2,183 and 2,206, or to stronger support below at 2,128, would offer opportunities to add.

From a fundamental perspective, we expect strengthening corporate governance and strong buybacks to support ROE, offsetting the negative impact from any strengthening of the JPY expected over the next 12 months. Valuations remained attractive, with 12-month forward P/E multiple of the MSCI Japan index still trading at an 8% discount to global equities, below its long-term median of a 5% discount.

— **Michelle Kam, Investment Strategist**

### VIX has been falling as US economic data surprises on the upside

VIX index vs. US Economic Surprise Index\*

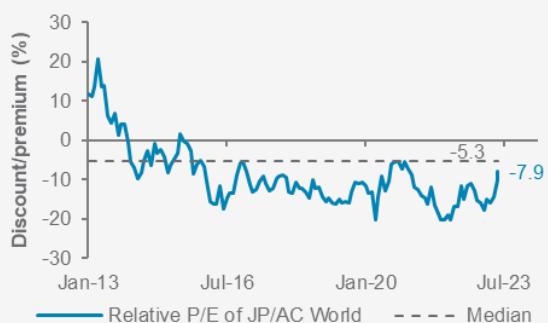


Source: Bloomberg, Standard Chartered

\* The index rises as economic data surprises above expectations

### Japan equities continue to trade at a valuation discount to global equities

Relative 12m forward P/E multiple of the MSCI Japan index vs MSCI ACWI index; median is based on the ratio since Jan 2007



Source: FactSet, Standard Chartered

## Top client questions (cont'd)

### Q What are the implications of the recent China supportive measures on Asia USD bonds?

This week, we saw revived optimism that Chinese policymakers are likely to unveil further measures to revive the faltering economic recovery. First, the PBoC asked big banks to lower deposit rates, which could be a precursor to a policy rate cut. Second, there were reports of policymakers considering another property support package. Both are positive for Asia USD bonds, especially given that Chinese issuers constitute about c.52% of the index and many ASEAN corporate revenues are likely sensitive to growth in China.

Having said that, we would also reiterate our preference for Asia Investment Grade (IG) bonds over High Yield (HY). The initial details of the property support package suggest it is likely to be just an extension of the 16-point package enacted late last year. Measures to ease payments and provide subsidies are unlikely to be sufficient to significantly reinvigorate the relatively weak appetite for property purchases. This, together with a likely slowing of global growth, means we see a much more attractive risk/reward in higher-quality IG bonds and a much poorer outlook for riskier HY bonds.

— Zhong Liang Han, CFA, *Investment Strategist*

### Q Do you expect the surprise RBA and BoC rate hikes to boost the AUD and CAD?

Over the past week, both the Reserve Bank of Australia (RBA) and Bank of Canada (BoC) surprised markets by unexpectedly hiking rates by 25bps each. This was RBA's second consecutive surprise rate hike (following a similar action in May 2023) as the recent 5.75% increase in minimum wages complicates its fight against the already sticky inflation. The surprise hike helped the AUD extend its rally since it bottomed out in late May. However, we see elevated odds of near-term consolidation in the AUD/USD, with resistances at 0.6690, followed by 0.6765.

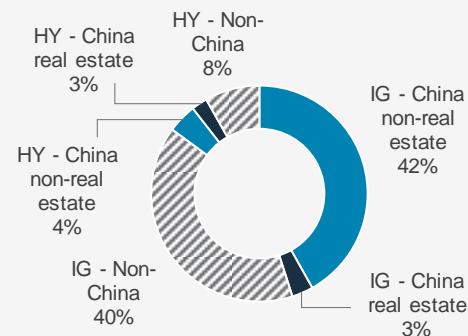
In Canada, strong GDP data, a tight labour market and stalling disinflationary pressures meant that BoC had several reasons to hike rates and keep the door open for future rate hikes. The latest move brings the benchmark rate in Canada to the highest level since 2001. While higher oil prices and near-term hawkish sentiment can push USD/CAD towards 1.3260 support, we would look for opportunities to go long USD/CAD given the pair's move is starting to look overstretched on technical indicators.

At a broader level, the surprise hikes by central banks, which had earlier signalled a pause, highlight persistent inflationary pressures. The focus now shifts to the US Fed's meeting next week, where our base case is for a Fed pause. However, a hawkish surprise may push the USD index (DXY) above 104.70, while there is a risk EUR/USD could decline towards 1.05.

— Abhilash Narayan, *Senior Investment Strategist*

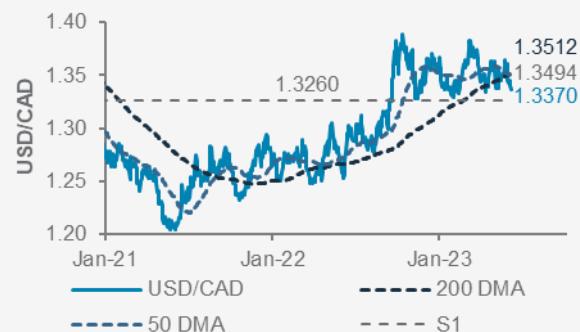
**Chinese issuers constitute more than half of the Asia USD bond index, of which only a small percentage are real estate issuers**

Breakdown of JP Morgan Asia Credit Index (JACI)



Source: Bloomberg, Standard Chartered

**Any decline in USD/CAD towards the 1.3260 support due to the hawkish RBC tilt and higher oil prices may be an opportunity to go long USD/CAD**  
USD/CAD and key technical levels



Source: Bloomberg, Standard Chartered

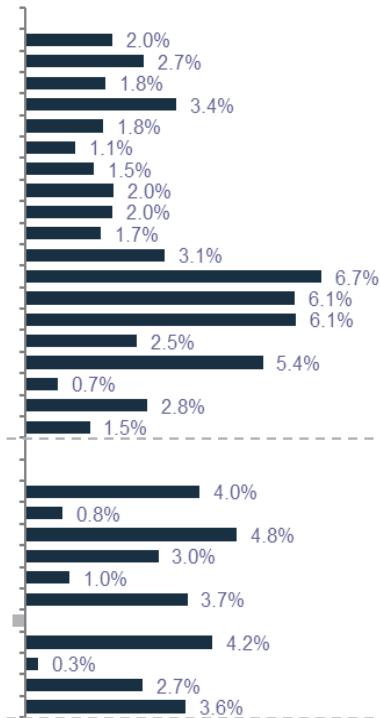
## Market performance summary \*

### 2023 YTD

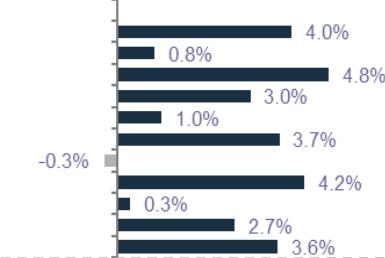
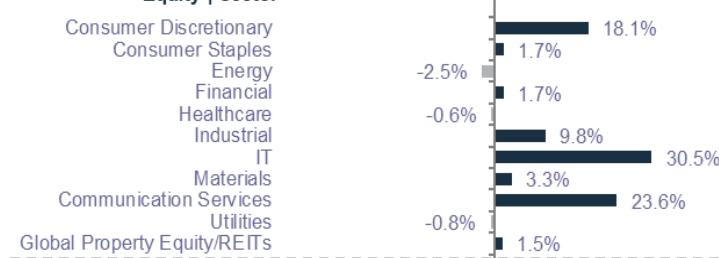
#### Equity | Country & Region



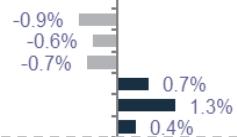
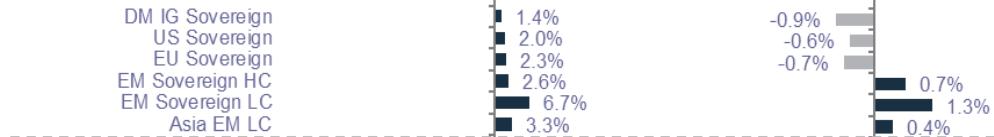
### 1 Week



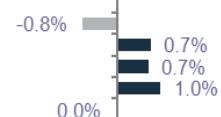
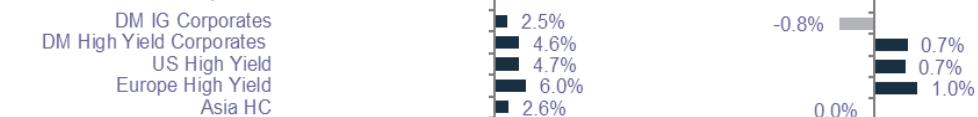
#### Equity | Sector



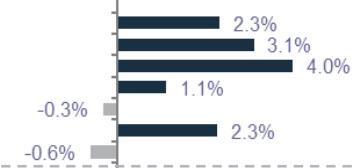
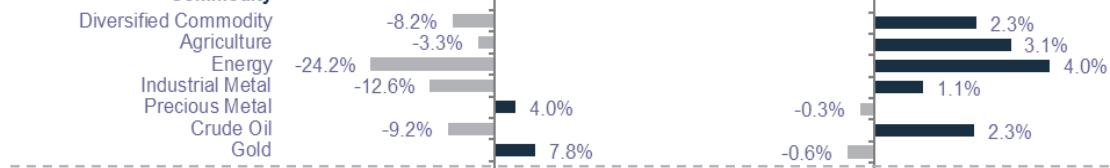
#### Bonds | Sovereign



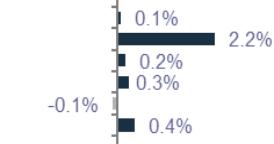
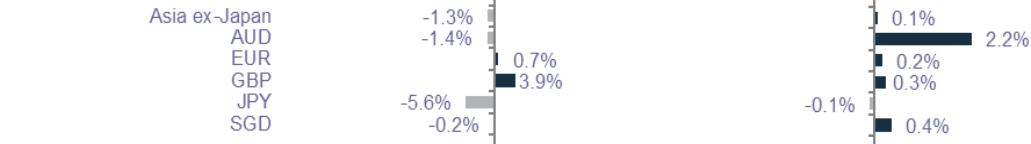
#### Bonds | Credit



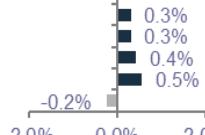
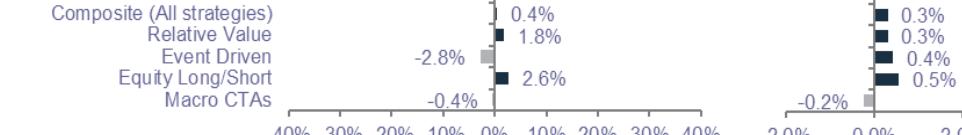
#### Commodity



#### FX (against USD)



#### Alternatives



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 08 June 2023; 1-week period: 01 June 2023 to 08 June 2023

### Our 12-month asset class views at a glance

Asset class	
<b>Equities</b>	▼
Euro area	◆
US	▼
UK	▼
Asia ex-Japan	▲
Japan	▲
Other EM	◆
<b>Bonds (Credit)</b>	◆
Asia USD	▲
Corp DM HY	▼
Govt EM USD	◆
Corp DM IG	◆
<b>Bonds (Govt)</b>	▲
Govt EM Local	◆
Govt DM IG	▲

Source: Standard Chartered Global Investment Committee

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

### The US S&P500 index's next resistance is at 4,303

Technical indicators for key markets as of 08 June close

Index	Spot	1st support	1st resistance
S&P 500	4,294	4,276	4,303
STOXX 50	4,298	4,285	4,317
FTSE 100	7,600	7,590	7,619
Nikkei 225	31,641	31,275	32,257
Shanghai Comp	3,214	3,195	3,232
Hang Seng	19,299	19,066	19,416
MSCI Asia ex-Japan	637	633	638
MSCI EM	994	987	998
WTI (Spot)	75.4	74.9	76.4
Gold	1,965	1,948	1,973
UST 10y Yield	3.73	3.66	3.80

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					
TUE	UK	ILO Unemployment Rate 3Mths	Apr	–	3.9%
	EC	ZEW Survey Expectations	Jun	–	-9.4
	US	CPI y/y	May	4.2%	4.9%
	US	CPI Ex Food and Energy y/y	May	5.2%	5.5%
WED	UK	Manufacturing Production y/y	Apr	–	-1.3%
	US	PPI Final Demand y/y	May	1.5%	2.3%
	US	PPI Ex Food & Energy y/y	May	2.9%	3.2%
THU	US	FOMC Rate Decision (Upper Bound)	14-Jun-23	5.3%	5.3%
	CH	Industrial Production y/y	May	3.8%	5.6%
	CH	Retail Sales y/y	May	13.9%	18.4%
	CH	Fixed Assets Ex Rural YTD y/y	May	4.4%	4.7%
	EC	ECB Deposit Facility Rate	15-Jun-23	–	3.3%
	US	Retail Sales Ex Auto & Gas	May	0.3%	0.6%
	US	Industrial Production m/m	May	0.1%	0.5%
FRI/SAT	US	U. of Mich. Sentiment	Jun P	60.0	59.2
	JP	BoJ Rate Decision	Jun	-0.1%	-0.1%

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 08 June

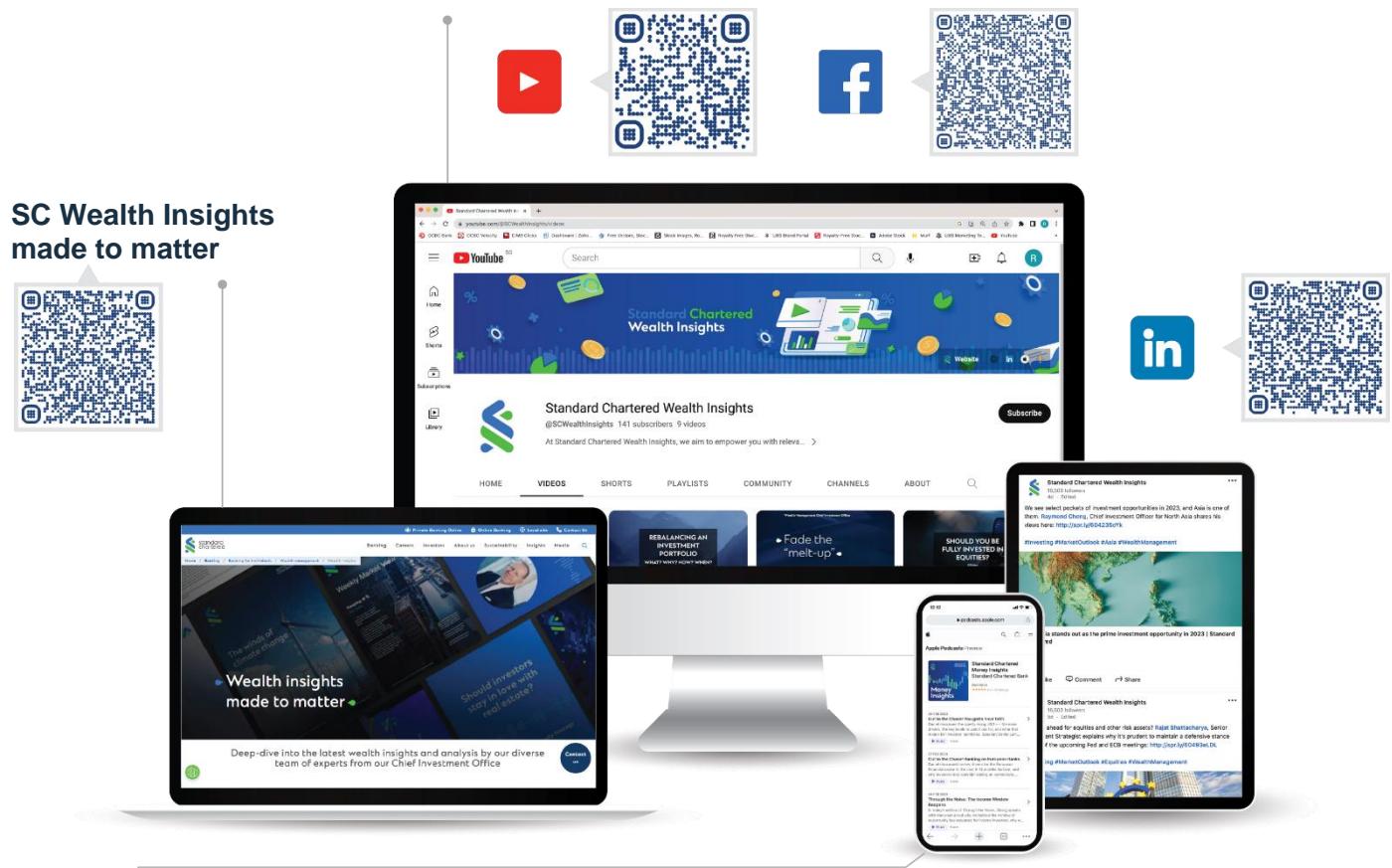
Level 1	Diversity	1-month trend	Fractal dimension
Global Bonds	●	→	1.57
Global Equities	○	→	1.48
Gold	○	→	1.45
<b>Equity</b>			
MSCI US	○	→	1.43
MSCI Europe	●	↑	1.80
MSCI AC AXJ	●	→	1.96
<b>Fixed Income</b>			
DM Corp Bond	●	→	1.58
DM High Yield	●	↓	1.63
EM USD	●	↓	1.58
EM Local	○	↓	1.32
Asia USD	●	↑	1.75
<b>Currencies</b>			
EUR/USD	●	↑	1.68

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 podcasts shows on Spotify, Apple, and Google platforms

### Cut to the Chase!

Daily update on what happened overnight and what to look out for

For clients who are more sophisticated investors who are looking for shorter term trading opportunities or advice on timing portfolio additions

### Through the Noise

Weekly update on financial markets, implications for our outlook and call to action actions

For clients who are less experienced investors trying to build/maintain a diversified allocation

### InvesTips

Helping investors adopt healthy investment techniques

For clients who are less experienced investors or Investors with bad investment experiences



Speak to your Relationship Manager/Investment Advisor today for access to our security specific publications.

## 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](mailto:clientcare.ng@sc.com) requesting to be removed from our mailing list. Please do not reply to this email. Call our Priority Banking on 01-2772514 for any questions or service queries. The Bank shall not be responsible for any loss or damage arising from your decision to send confidential and/or important information to the Bank via e-mail, as the Bank makes no representations or warranties as to the security or accuracy of any information transmitted via e-mail. **Pakistan:** This document is being distributed in Pakistan by, and attributable to Standard Chartered Bank (Pakistan) Limited having its registered office at PO Box 5556, I.I Chundrigar Road Karachi, which is a banking company registered with State Bank of Pakistan under Banking Companies Ordinance 1962 and is also having licensed issued by Securities & Exchange Commission of Pakistan for Security Advisors. Standard Chartered Bank (Pakistan) Limited acts as a distributor of mutual funds and referrer of other third-party financial products. **Singapore:** This document is being distributed in Singapore by, and is attributable to, Standard Chartered Bank (Singapore) Limited (Registration No. 201224747C/ GST Group Registration No. MR-8500053-0, "SCBSL"). Recipients in Singapore should contact SCBSL in relation to any matters arising from, or in connection with, this document. SCBSL is an indirect wholly owned subsidiary of Standard Chartered Bank and is licensed to conduct banking business in Singapore under the Singapore Banking Act, 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.