

What's your next move in China investing?

UBS Asset Management

Bin Shi, Head of China Equities

Hayden Briscoe, Head of Fixed Income, Global Emerging Markets and Asia Pacific

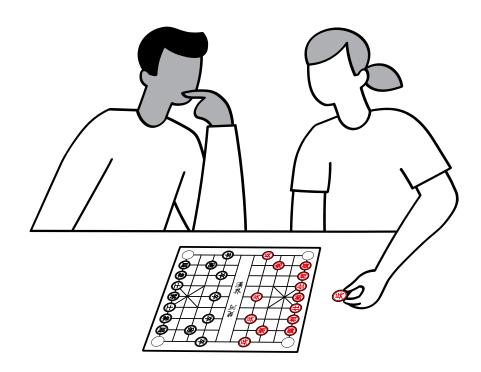
Jia Tan, Head of Research, China Equity Long/Short, UBS O'Connor



Investing in China lately has come with higher risks and volatility, but the scale and variety of opportunities on offer remain compelling to those looking for returns across asset classes for the long run.

Have you played Xiangqi before? Xiangqi, also called Chinese chess or Elephant chess, is a popular strategy game played by Chinese people from all walks of life. With two armies battling it out on the chess board, it has a lot in common with International Chess, Indian Chess, Shogi (Japanese) and Janggi (Korean). A player's quick tactics in opening the game and advancing pieces across the river – together with a well thought out strategy – are key elements to the ultimate victory of capturing the enemy's general. But finding the right moves is not easy.

The same can be said about investing in China, with COVID resurgences in major Chinese cities, lingering regulatory risks, property market distress, the start of an aggressive US monetary tightening cycle, and most devastatingly, the war in Ukraine. Have these recent events changed the momentum on the China growth board? Has your China investment approach changed?



War in Ukraine

The General cannot move outside the Palace









Market volatility in China had already been at an elevated level in recent months on slowing (but still above developed market) domestic growth, coupled with decelerating global growth and lingering fears of further regulatory clampdown before Russia's invasion of Ukraine, which sent nervous investors into a frenzy and caused some to actively look for the exit. It is impossible to predict how the war will develop, but we unfortunately expect a prolonged period of fighting in Ukraine, with a quick resolution to the war and the sanctions on Russia unlikely.

Speculations and at times aggressive rhetoric on where China stands and its role in the conflict brought on more unease regarding Chinese assets, since

any political action to support Russia could bring international sanctions. Speculations so far have remained speculations, and even as China refuses to condemn the Russian attack, it has made no move beyond the line in the sand. However, the close economic links with Russia continue. The ongoing war has disrupted the world's supply chain as trade routes on land, air and sea experience interruptions. China is not immune to higher commodity and energy prices – or a global economic slowdown or possible deglobalization triggered by the war. Partly because its economy relies more on domestic growth and partly because it is not participating in western sanctions against Russia, in the long term we think China could be insulated from

some possible spillovers compared to the most western countries.

Russia continues to trade with China in oil and gas. There are also talks of a new energy agreement between China and Russia that could include new oil pipeline projects and Chinese investment in Russian energy companies after sanctions drove the exit of western ones. Whether China's economic cooperation with Russia would provoke an international response remains to be seen, but ultimately the war is driven by geopolitical power struggles and we don't believe it's in China's interest to get involved or take any action that would result in a wide-reaching backlash at this time.

COVID outbreak and lockdown, dynamic zero policy

The Linked Horses formation grants safe but imperfect protection









The war is not the only deterrent to growth. Omicron outbreaks in China and the resulting citywide lockdowns in major hubs such as Shanghai are also raising growth concerns, as well as questions on whether the dynamic zero tolerance COVID policy is sustainable or the right approach for China. After the initial outbreak more than two years ago, the country has had remarkable success containing the pandemic up to the current flareups, with significantly fewer deaths than some of the other major economies, but it is now almost alone in putting the welfare of the most vulnerable in society ahead of economic recovery and market sentiment. Part of the hesitation in scaling back the restrictions and "living with the virus" we believe is the inevitable increase in deaths. China has so far been relying on domestically developed inactivated vaccines and is accelerating the

development of its own mRNA vaccine. Meanwhile, it will continue to adhere to painstaking measures like travel restrictions, mass testing and large-scale quarantines to contain the spread of the virus.

It would be a mistake, however, to think that China is doing nothing about the economic toll. With stoppages in logistics, road transportation and manufacturing production in port and industrial cities, the government has reshuffled more of the container traffic from roadway to waterway, trying to ease some of the pressure from the disruptions in the flow of industrial goods. Some lockdown measures have recently been relaxed – there are different levels of restrictions and some neighborhoods are allowed a limited amount of movement and activities and production has in fact restarted for many companies. China has promised to do more, hoping stronger monetary, fiscal and credit support would provide relief and buffer the overall growth shock that we believe should have a short- to medium-term in impact.

Although we think there is still room for Chinese interest rates and monetary policy to be more accommodative, efforts such as investment proposals in infrastructure, renewable energy and property support could help China get through this rough period. These stimulus efforts should carry a bigger weight toward the second half of the year, when COVID is – hopefully - under better control, and help the economy get back on track in the long run. It's also important to remember that China's pace of growth, though slowing, is still markedly faster than the rest of the world.

Property market distress, regulatory clampdown

Cannot fire the Cannon without a mount

COVID resurgences have not only disrupted the global supply chain, they are also keeping the beleaguered housing sector down. And China's fixed income strategies are impacted by it. After last year's regulatory clampdown on overleveraged housing developers sparked fears of contagion risk in the financial system, the government has since stepped back and turned more supportive, loosening credit controls and reducing home purchase down payment requirements in certain cities. But home sales, prices and construction have yet to regain a footing and recover from last year's rapid declines before the Omicron wave and mobility controls hit. We expect volatility to continue in this sector at least over the rest of the year before a clearer policy is articulated and implemented.

That said, new guidelines to ease the rules governing escrow accounts (trusts holding pre-completion cash) appear promising, and if implemented, they could provide much needed liquidity to property developers after last year's cash crunch and indiscriminate write-offs. State-owned enterprises (SOEs) are playing a greater role, moving in to carry out merger and acquisition (M&A) activities by acquiring projects

or other assets from distressed developers. We are optimistic that conditions will improve after the Omicron flareups ease, particularly for the better-capitalized companies with solid balance sheets and more readily-accessible funding channels. In the long term, we expect that these property developers will survive the current industry consolidation and emerge in an even stronger position.









Opportunities in step with China's objectives and priorities

Endgame compositions









The culmination of these recent events – some expected, some unexpected – in the past few months unnerved investors, but there has always been a lot of volatility when it comes to investing in China. It's helpful to take a step back and look at the big picture. Over the past decade China has been in a boom, punctuated many times by the expectation of a hard landing or meltdown. Each time, China has made its way out. Today, the macroeconomic picture in China is driven by the overarching objectives that the Chinese government is looking to achieve. These

include: improving security, financial market stability, common prosperity, the environment, dual circulation and demographics. Most of these long-run goals are a net positive for the long-term development of the Chinese economy – and therefore for investing in China – despite generating short-run headwinds for some sectors and companies, as evidenced by the regulatory intensity last year.

Beijing's long-term goals illustrate how the Chinese model of growth is evolving from a focus on the quantity to the quality of growth, transitioning to a more domestic, service-oriented economy, shifting priorities to balancing growth and sustainability, tackling social equality and security, after a decadelong journey to eliminate absolute poverty. We believe the increased focus on automation and digitization, healthcare, life insurance and asset management, deleveraging and stronger balance sheets, and the move towards green energy and a cleaner environment, are among the long-term trends that make China's investment case attractive.

Why invest in China

Don't be forced into Zugzwang

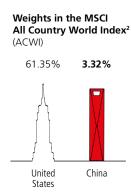
We are behind the long-term China investment case, while acknowledging higher risks and more near-term volatility, and cognizant that not everyone feels the same way. Simply put, we view China as a core standalone allocation, the same way that we look at the US, Japan, Europe and the UK. China is the second largest economy in the world and one of the most significant drivers of global growth, but investors are still underinvested (Chart 1).

Chart 1: The world is underinvested in China

10 largest stock exchanges by market capitalisation¹

China is the second-largest stock market but significantly under-represented in global portfolios

(in trillion USD) 27.69 24.56 8.15 7.33 6.54 6.22 5.43 3.80 3.55 3.26 LSE Group New York Nasdag Shanghai Furonext Shenzhen Hong Kong National TMX lanan UK & Italy Stock US Stock Stock Stock Exchange Stock Group Exchange Exchange Exchange Exchange & Clearing Exchange (NYSE)



Share of global GDP3



- 1 Source: Trade Brains, 10 largest Stock Exchanges in the World 2021, data as of February 2022.
- 2 Not to scale, for illustrative purposes only. Source: MSCI data as of March 2022.
- 3 Source: International Monetary Fund, World Economic Outlook Database, Gross Domestic Product (GDP), current prices in USD, estimates, April 2022.

The country's pattern of growth differs from other markets, both in emerging and developed regions, and its monetary policy direction is also diverging from the rest of the world. Although this can sometimes create short-term headwinds, it also means that Chinese equities and fixed

income asset classes offer investors low correlation and diversification benefits (Chart 2) compared to other widelyheld portfolio allocations. The scale and variety of the opportunities offered is compelling to investors looking for both market and active returns across asset types. These factors mean that

China offers active opportunities for investors, both from an overall portfolio allocation perspective and within individual asset classes. China's capital markets also continue their rapid internationalization through index inclusions and the lifting of capital market controls.

Chart 2: China A benefits from low correlation across global indices

A strong case for inclusion in a portfolio for diversification purposes and improve risk-return profile Correlation (TR USD)

January 2002 to April 2022

	MSCI North America	MSCI Europe	MSCI Pacific	MSCI China ex A-Shares	MSCI China A-Shares	MSCI EM Asia ex China	MSCI EM EMEA	MSCI EM LATAM
MSCI North America	1.00	0.88	0.76	0.58	0.36	0.76	0.73	0.69
MSCI Europe	0.88	1.00	0.80	0.64	0.37	0.79	0.82	0.75
MSCI Pacific	0.76	0.80	1.00	0.66	0.36	0.76	0.79	0.68
MSCI China ex A-Shares	0.58	0.64	0.66	1.00	0.60	0.74	0.68	0.61
MSCI China A-Shares	0.36	0.37	0.36	0.60	1.00	0.42	0.34	0.35
MSCI EM Asia ex China	0.76	0.79	0.76	0.74	0.42	1.00	0.81	0.76
MSCI EM EMEA	0.73	0.82	0.79	0.68	0.34	0.81	1.00	0.83
MSCI EM LATAM	0.69	0.75	0.68	0.61	0.35	0.76	0.83	1.00

Source: Bloomberg, as of 30 April 2022

Please note that past performance is not a guide to the future.

Equity

Must move the Chariot in the first three moves to win

Understanding Beijing's overarching objectives and their potential implications should be front and center for any successful China investment strategy, and is an increasingly important consideration when picking stocks. China equities are volatile partly because the market is retail investor-driven, which is challenging but also presents a clear opportunity for active managers with the on-the-ground knowledge and research capabilities to identify and take advantage of mispricing and deliver value for

investors. We have always believed that it's about picking the right stocks in a fast-changing environment—and we are now in an even faster-changing environment than ever before.

Some of the most exciting long-term equity opportunities have been in the healthcare sector as we believe Chinese healthcare expenditure will continue to grow at double digits (Chart 3). We are positive in the long run on select leading pharmaceutical companies with rich innovative pipelines to diversify

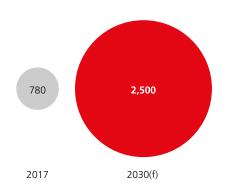
from the impact of reduction in drug prices, as well as Contract and Research Organizations (CROs) which are gaining international recognition in new, advanced drug therapies such as cell and gene therapy.

In the financials sector, there is great potential in the insurance segment and wealth management services as the country continues its decades-long transition from low income to affluence. We believe the need for these financial products and services is somewhat

Chart 3: An aging population presents opportunities

When challenges become investment opportunities: healthcare and insurance services will raise demand for asset management services too

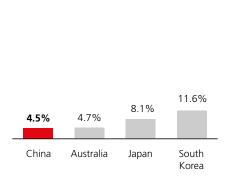
Healthcare market size in China (USD billions)



Source: China Daily, December 2017

Insurance penetration

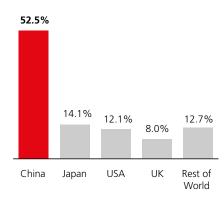
Gross written premiums as % of GDP, 2020



Source: Goldman Sachs Research, February 2022

Asset management services

5 years average growth in AUM¹ ending March 2022 (%)



Source: Morgan Stanley Research, EPFR, May 2022 ¹AUM = Asset under Management









nascent and can become significant with time, given the progression is structural in nature. While part of China is still in lockdown, we believe that when it does eventually open up, investing in the banking sector will be an attractive way to participate in the reopening.

But "opportunity" also sometimes means being patient and waiting on the sidelines when necessary. Given our focus on the fundamental story and the fundamental value of the companies we own, last year we did not get carried away by the hype in certain sectors such as the renewable energy space, particularly the electronic vehicle (EV) industry. As we saw it, there was a big gap between the valuations these EV companies were trading at and their fundamental value, even after accounting for government

support. Not investing in this part of the market has shielded us from much of the volatility of the past few months. We continue to believe that our holdings of good quality companies with strong competitive advantages will deliver results in the long run as investor focus returns to sector and company fundamentals.

Fixed income

Defend the center with the Central Cannon opener

The long-term investment case for onshore China fixed income is likewise intact. Given the still relatively low global yield environment and the low correlation between China and global rates, we expect China fixed income to remain attractive vis-a-vis other global bond markets both on a yield basis and also from a diversification point of view.

In the short term, we expect the China fixed income market to still trade based on domestic economic fundamentals that are under huge downward pressure. Exports are expected to remain relatively strong despite COVID lockdowns in several cities, which will add to GDP growth in 2022, but with the ongoing Ukraine war, European and US demand could slow and add to

the pressure from the global economic slowdown. Both factors could trigger more aggressive monetary and fiscal stimulus in China. We think there is still room for China rates and monetary policy to be accommodative, as stated in a government work report by Premier Li Keqiang on behalf of the State Council. This will continue to support China fixed income.









With the US Federal Reserve back on a rate hiking path and monetary policy diverging between China and the US, the difference in interest rates is narrowing as US rates rise. Market concerns about the China-US yield advantage has led to some short-term volatility in China rates, but we think the concerns may be exaggerated. This is not the first time that we see diverging economic and monetary policies in the US and in China. For example, in 2018 when US yields were on an upward trend, China faced an economic downturn and the People's Bank of China implemented four rounds of reserve requirement ratio (RRR) cuts despite continuous rate hikes stateside. Looking back, the outflows from China bonds by foreign institutions and the resulting depreciation pressure on the Chinese yuan (CNY) in 2018 was larger compared to what we see currently. Overall, we believe the weakness in

economic fundamentals in China, the monetary policy easing and the backdrop of the relatively stable CNY currency will be supportive for CNY bond investors.

When the economy turns around, possibly in the second half of the year, there may be opportunities in the China US dollar-denominated credit markets. Investment grade and high yield spreads in the US and Europe are still very tight compared to China high yield bonds, and this could be the time to consider Chinese high yield securities, in particular property. It's true that the property market is not out of the woods yet, but with the current market pricing in what we believe to be an unrealistically high 55% default rate, we think valuations are attractive and there are quality companies to choose from for the long-term investor. For investors who are already invested in Asia high yield, a shift into China high yield could

be beneficial as a means to express a more pointed exposure.

Over the longer term, we still expect the favorable valuation and risk characteristics of China fixed income to continue to attract global investors. The continued increase of China's weight in global bond indices will serve as a tailwind for the sector over the medium term. Further liberalization of Chinese financial markets should attract new investors as well. In the end, we believe China's yield story is still an attractive one even though policy is changing and global uncertainties are high. Today's Chinese sovereign bonds offer a 1-2.5% yield pickup over some major developed market bond markets (UK, Switzerland, Germany, Japan), delivering real yields through low correlations. China high yield credit spreads are at their all-time widest, and the China bond market still presents many investment opportunities.

Alternatives

Surprise checkmate by stacked cannons

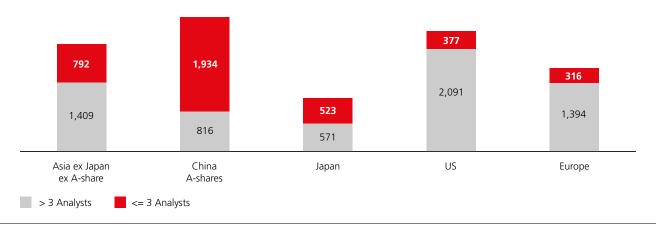
While Chinese stocks and bonds continue to present compelling investment opportunities, China is no longer just all about traditional asset classes, or even onshore versus offshore investments. In its pursuit to become one of the main global financial hubs, over the last few years China has actively focused on reforming its financial sector, and we believe that this is creating opportunities for relative value trading that weren't available to investors in the past. China's markets are becoming a key source of alpha and its transition from beta to alpha is one of the key trends in relative value investing at least over the next 5-10 years. There are at least three market characteristics and developments that are supportive of a more relative value approach to investing in China.

First, high retail participation and relative underinvestment by international and institutional investors – especially in A-shares – provide interesting entry and exit points as well as the ability to trade around that high market turnover for relative value investors. The dominance of retail investors creates dramatic swings in momentum and valuation skews, which can present unique alpha opportunities for relative value investors on both the long and short side of portfolios. The A-share market has had very low correlation to the offshore market, as it is driven by its own dynamics and is also extremely liquid, allowing institutional investors to trade sizable amounts with ease. While the influence of institutional investment capital is growing, we think it will take years for it to overtake

retail investors as a key market driver. As we see it, this imbalance creates a compelling window of opportunity that active investors can seek to exploit.

Second, low coverage by sell-side analysts means that not much information is widely available, which is conducive for alpha generation from both the long and short side (Chart 5). Most of the A-share companies are minimally covered by analysts compared to the much higher level of coverage of other major markets. Additionally, only a small portion of A-share companies have English language research coverage – which means that the visible opportunity set for global investors remains small.

Chart 5: Listed company equity analyst coverage: China's equity universe is under-researched



Source: Reuters Eikon; UBS HFS, as of April 2021. Universe is based on companies with >=\$500m market cap and >=\$0.5m average daily turnover. Universe is based on stocks listed in Japan, China, United States, countries within MSCI AC Asia, countries within MSCI AC Europe.

And last but not least, the use of short selling as a risk management tool to protect long positions has historically been limited by the availability of short borrowers in China. However, last year's implementation of the new rules to improve liquidity through opening the Chinese capital market allows active long/short investors to reach out to domestic investors such as domestic mutual funds, life insurance companies and corporate investors. This has doubled the size of the borrowing pool and could mean a five times growth

for the relative value market when it matures in the long term according to our estimates. These regulatory reforms will fundamentally change the operating characteristics of the China A-share market by allowing hedge fund investors to short with domestic brokers and secure margin on a range of securities that were not available in the past. Hedge funds will therefore be able to more effectively capture long and short alpha while dynamically managing beta, sector, factor, thematic and idiosyncratic risks.

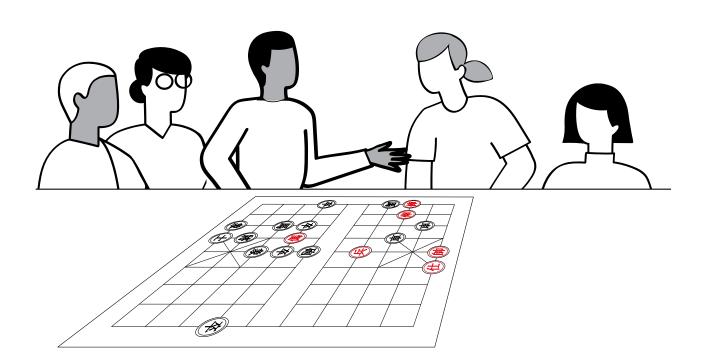
We believe there is a large investment opportunity in China as liquidity improves on both the long and short side. We are also looking at quantitative strategies in China and are closely studying their credit and fixed income markets. These strategies may bring about much more efficiency and allow us to invest in a much more diverse way across the onshore Chinese equity markets. Investors who are bullish on China yet weary of short-term volatility should consider adding long/short strategies to their allocation.

Conclusion

The Chariot can go far and wide

China is a country of many strengths and potential, and offers plenty of attractive long-term opportunities. While it's clear that risks to investing in China have risen and recent events have many investors on edge, we firmly believe the long-term investment case for China is intact.





For marketing and information purposes by UBS. For professional / qualified / institutional clients and investors.

This document does not replace portfolio and fund-specific materials. Commentary is at a macro or strategy level and is not with reference to any registered or other mutual funds.

Americas

The views expressed are a general guide to the views of UBS Asset Management as of May 2022. The information contained herein should not be considered a recommendation to purchase or sell securities or any particular strategy or fund. Commentary is at a macro level and is not with reference to any investment strategy, product or fund offered by UBS Asset Management. The information contained herein does not constitute investment research, has not been prepared in line with the requirements of any jurisdiction designed to promote the independence of investment research and is not subject to any prohibition on dealing ahead of the dissemination of investment research. The information and opinions contained in this document have been compiled or arrived at based upon information obtained from sources believed to be reliable and in good faith. All such information and opinions are subject to change without notice. Care has been taken to ensure its accuracy but no responsibility is accepted for any errors or omissions herein. A number of the comments in this document are based on current expectations and are considered "forward-looking statements". Actual future results, however, may prove to be different from expectations. The opinions expressed are a reflection of UBS Asset Management's best judgment at the time this document was compiled, and any obligation to update or alter forward-looking statements as a result of new information, future events or otherwise is disclaimed. Furthermore, these views are not intended to predict or guarantee the future performance of any individual security, asset class or market generally, nor are they intended to predict the future performance of any UBS Asset Management account, portfolio or fund.

EMEA

The information and opinions contained in this document have been compiled or arrived at based upon information obtained from sources believed to be reliable and in good faith, but is not guaranteed as being accurate, nor is it a complete statement or summary of the securities, markets or developments referred to in the document. UBS AG and / or other members of the UBS Group may have a position in and may make a purchase and / or sale of any of the securities or other financial instruments mentioned in this document.

Before investing in a product please read the latest prospectus carefully and thoroughly. Units of UBS funds mentioned herein may not be eligible for sale in all jurisdictions or to certain categories of investors and may not be offered, sold or delivered in the United States. The information mentioned herein is not intended to be construed as a solicitation or an offer to buy or sell any securities or related financial instruments. Past performance is not a reliable indicator of future results. The performance shown does not take account of any commissions and costs charged when subscribing to and redeeming units. Commissions and costs have a negative impact on performance. If the currency of a financial product or financial service is different from your reference currency, the return can increase or decrease as a result of currency fluctuations. This information pays no regard to the specific or future investment objectives, financial or tax situation or particular needs of any specific recipient.

The details and opinions contained in this document are provided by UBS without any guarantee or warranty and are for the recipient's personal use and information purposes only. This document may not be reproduced, redistributed or republished for any purpose without the written permission of UBS AG.

www.ubs.com/am-linkedin

© UBS 2022. All rights reserved. www.ubs.com/am For professional / qualified / institutional clients and investors. AMT-1720 31/03 This document contains statements that constitute "forward-looking statements", including, but not limited to, statements relating to our future business development. While these forward-looking statements represent our judgments and future expectations concerning the development of our business, a number of risks, uncertainties and other important factors could cause actual developments and results to differ materially from our expectations.

UK

Issued in the UK by UBS Asset Management (UK) Ltd. Authorised and regulated by the Financial Conduct Authority.

APA

This document and its contents have not been reviewed by, delivered to or registered with any regulatory or other relevant authority in APAC. This document is for informational purposes and should not be construed as an offer or invitation to the public, direct or indirect, to buy or sell securities. This document is intended for limited distribution and only to the extent permitted under applicable laws in your jurisdiction. No representations are made with respect to the eligibility of any recipients of this document to acquire interests in securities under the laws of your jurisdiction.

Using, copying, redistributing or republishing any part of this document without prior written permission from UBS Asset Management is prohibited. Any statements made regarding investment performance objectives, risk and/or return targets shall not constitute a representation or warranty that such objectives or expectations will be achieved or risks are fully disclosed. The information and opinions contained in this document is based upon information obtained from sources believed to be reliable and in good faith but no responsibility is accepted for any misrepresentation, errors or omissions. All such information and opinions are subject to change without notice. A number of comments in this document are based on current expectations and are considered "forward-looking statements". Actual future results may prove to be different from expectations and any unforeseen risk or event may arise in the future. The opinions expressed are a reflection of UBS Asset Management's judgment at the time this document is compiled and any obligation to update or alter forward-looking statements as a result of new information, future events, or otherwise is disclaimed.

You are advised to exercise caution in relation to this document. The information in this document does not constitute advice and does not take into consideration your investment objectives, legal, financial or tax situation or particular needs in any other respect. Investors should be aware that past performance of investment is not necessarily indicative of future performance. Potential for profit is accompanied by possibility of loss. If you are in any doubt about any of the contents of this document, you should obtain independent professional advice.

Australia

This document is provided by UBS Asset Management (Australia) Ltd, ABN 31 003 146 290 and AFS License No. 222605.

Source for all data and charts (if not indicated otherwise): UBS Asset Management

The key symbol and UBS are among the registered and unregistered trademarks of UBS.

