

## SCENARIO UPDATE: CENTRAL BANKS, INFLATION AND OIL

### FROM WHATEVER IT TAKES TO WHATEVER IT BREAKS

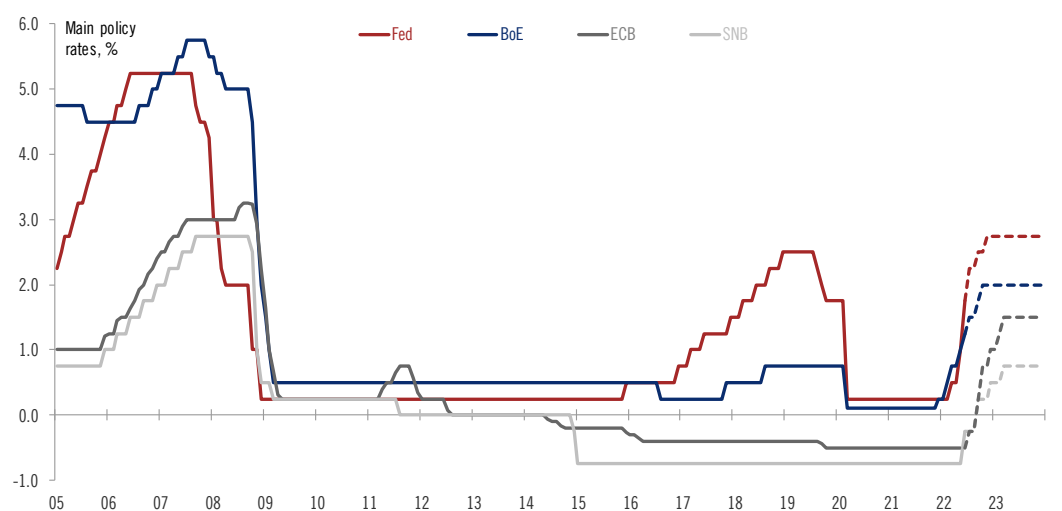
Author

MACRO RESEARCH TEAM  
fdcrozet@pictet.com

#### SUMMARY

- This week's announcements by major central banks suggest that their reaction function is diverging from our initial expectations, with inflation concerns trumping sensitivity about growth data and financial conditions. We are adjusting our forecasts for policy rates accordingly.
- We now expect the Fed to hike by 50bp in July, followed by 25bp hikes at each of its subsequent policy meetings (September, November, December).
- The ECB looks set to announce a new 'anti-fragmentation' tool at its July meeting, which could pave the way to accelerate monetary tightening. We expect the ECB to hike by 25bp in July (with an outside chance of 50bp), 50bp in September and in October, before slowing the pace to 25bp in December.
- Following today's surprise hike, we are also revising our policy rates profile higher for the SNB and, to a lesser extent, for the BoE.
- The BoJ is under pressure to adjust its Yield Curve Control policy, although this may take some time and currency interventions could be on the agenda.
- Lastly, we are raising our year-end target for Brent oil prices to USD110 per barrel on the back of protracted supply constraints.

CHART 1: MAIN POLICY RATES WITH PWM FORECASTS



Source: PWM – CIO Office & Macro Research, Refinitiv

*For illustrative purposes. Past performance should not be taken as a guide to or guarantee of future performance. Performances and returns may increase or decrease as a result of currency fluctuations. There can be no assurance that these projections, forecasts or expected returns will be achieved. The projection is not based on simulated past performance.*

---

## SCENARIO UPDATE: CENTRAL BANKS, INFLATION AND OIL

### FROM WHATEVER IT TAKES TO WHATEVER IT BREAKS

---

#### US Federal Reserve: what next after the first 75bp rate hike since 1994?

We are changing our Fed call following the 15 June Federal Open Market Committee (FOMC) meeting. The Fed's reaction function is diverging from our initial expectations, with the central bank still showing limited sensitivity to deteriorating growth data and financial conditions. We are in a "mini-Volcker, panicky-Fed" moment, with the Fed's actions driven first and foremost by headline inflation, including fuel and food prices.

**We now foresee a hike of 50bp in the fed funds rate at the next FOMC meeting in July, followed by 25bp increases at each of the subsequent meetings (September, November and December).** This would put the fed funds rate in a range of 2.75-3.0% by end-2022. This would still be below the 3.4% median for December 2022 shown in the updated Fed 'dot plot' forecast, as we think growth data will come in lower than the Fed expects in the coming months—in fact, we expect GDP growth of only 1.0% on average in the second half of the year, with a mild recession starting in early 2023. Signs of a broad-based slowdown in growth, and particularly non-farm payrolls, should eventually mean the Fed pauses its rate hikes, in our view. We expect the rise in the headline consumer price index (CPI) to stabilise over the next few months at 8.0-8.5% year-on-year (y-o-y) before declining closer to 5% by year's end. We forecast core personal consumer expenditures (PCE) inflation (the Fed's favoured inflation gauge) to be close to 4% at the end of 2022.

There is the possibility the Fed tightens more than we expect in this updated scenario (for example, it could opt for another 75bp hike in July, with 50bp hikes per meeting thereafter). CPI (and particularly food and fuel prices), wage growth and inflation expectations (including consumer-driven inflation expectations contained in the University of Michigan survey) will all be crucial to watch.

#### ECB: a new backstop instrument in July, and faster rate hikes from September

Recent oil price movements and May's upside surprise in headline inflation mean we are revising our inflation forecast for the euro area, expecting price rises to peak in late Q3. More importantly, we now expect core inflation to rise above 4% before easing somewhat in Q4. Our forecast for sustained inflation pressure in the coming months reflects the effects of supply bottlenecks, strong demand for contact-intensive services (particularly tourism-related items) and the indirect effects of the surge in energy prices.

This week, the ECB tried to assure bond markets by saying it would adopt a flexible approach to reinvesting the proceeds from its Pandemic Emergency Purchase Programme (PEPP), and that it had tasked the relevant committees "to accelerate the completion of the design of a new anti-fragmentation instrument".

The devil will be in the details, but we believe that the ECB will have no choice but to deliver on these promises. **This should allow it to accelerate the pace of rate hikes. We expect the ECB to hike by 25bp in July, 50bp in September, 50bp in October, then 25bp in December, February, March,** pushing the terminal rate to 1.5% by Q1 2023. We then expect the ECB to pause on the back of weaker growth and inflation in 2023.

*For illustrative purposes. Past performance should not be taken as a guide to or guarantee of future performance. Performances and returns may increase or decrease as a result of currency fluctuations. There can be no assurance that these projections, forecasts or expected returns will be achieved. The projection is not based on simulated past performance.*

---

## SCENARIO UPDATE: CENTRAL BANKS, INFLATION AND OIL

### FROM WHATEVER IT TAKES TO WHATEVER IT BREAKS

---

There is a possibility of higher rate hikes in the near term (with an outside chance of a 50bp hike in the deposit rate in July), but also a chance that the ECB's rate-hiking campaign stops earlier than has been expected.

The ECB's capacity in terms of flexible PEPP reinvestments is not insignificant, but probably falls short of the support needed in case of severe financial fragmentation. Indeed, we estimate that the ECB could front-load up to €10bn in PEPP reinvestments per month that could be redirected to the periphery before a new tool is deployed. A possible game-changer would see the ECB abandon the objective to converge back to capital keys in terms of PEPP holdings over the medium-term, freeing up additional capacity for core bonds redemptions to be reinvested in peripheral markets, but that may be hard to sell.

**We expect a new anti-fragmentation tool to be announced at the 21 July meeting of the Governing Council.** Our best guess is that the new backstop will resemble the Outright Monetary Transactions (OMT) instrument, but with some differences. Ideally, the new tool would have no ex ante limit on the total amount of purchases and, crucially, no consolidation of holdings with other asset purchase programmes to avoid any constraints linked to issuer limits. It would benefit from full flexibility in terms of allocation of purchases across time and jurisdictions. Also, the facility would include light conditionality based on member states' compliance with European Commission's recommendations under the European semester, essentially making any compliant country eligible to ECB purchases. Finally, the ECB may add some 'safeguards' by focusing on shorter maturities than under the PEPP but longer than under the OMT, say 2 to 5-year maturities, to be consistent with the ECB's focus on monetary policy transmission. The purchases may be sterilised using ad hoc facilities or the issuance of ECB debt certificates. ECB 'sources' have suggested that the ECB could sell other securities including German bonds in order to neutralise the effect of additional asset purchases on excess liquidity. While the political argument sounds compelling, the risk would be to push all bond yields much higher in a disorderly fashion.

Last but not least, it remains to be seen whether the ECB will ultimately disclose the criteria defining 'fragmentation' and the yield spread levels that justify interventions; in other words, how it distinguishes 'orderly' spread movements from 'disorderly' ones. We suspect they will remain vague about that.

#### **Bank of England: less aggressive after all**

**We are raising our expectations for the Bank of England (BOE) benchmark rate, which we now expect to peak at 2.0% by November 2022.** After today's 25bp rise in the bank rate, we forecast additional rate increases of 25bps at each of the BOE's next three meetings.

The BOE started hiking earlier than other major central banks, but it has shown itself to be more sensitive to growth data than others. Given the challenging growth backdrop facing the UK economy, the bank rate could plateau sooner. Monthly GDP for the UK has been especially weak of late, coming in at -0.3% in April, -0.1% in March and 0.0% in February.

*For illustrative purposes. Past performance should not be taken as a guide to or guarantee of future performance. Performances and returns may increase or decrease as a result of currency fluctuations. There can be no assurance that these projections, forecasts or expected returns will be achieved. The projection is not based on simulated past performance.*

## SCENARIO UPDATE: CENTRAL BANKS, INFLATION AND OIL

FROM WHATEVER IT TAKES TO WHATEVER IT BREAKS

### SNB: we expect another bold move in September

The Swiss National Bank (SNB) raised its policy rate by 50bps to -0.25% on 16 June. This is its first interest rate hike since 2007 and precedes the expected ECB rate hike in July. Three factors probably pushed the SNB to act so boldly: first, the 75bp rate hike announced the previous day by the Fed; second, the likelihood the ECB introduces a new backstop instrument in July to prevent financial fragmentation (which could enable the ECB to hike rates faster); and third, recent currency market developments. The SNB said the rise in rates was aimed at “preventing inflation from spreading more broadly to goods and services”.

The SNB revised substantially its conditional inflation forecasts to 2.8% (from 2.1%) for 2022, 1.9% (from 0.9%) for 2023, and 1.6% (from 0.9%) for 2024. **We now see the SNB hiking its policy rate by 50bp in September and then by 25bp at each quarterly meeting until at least March 2023, bringing it up to at least +0.75%.** Risks are tilted towards bolder moves, depending on the exchange rate and policy actions by other central banks. The SNB is now actively considering quantitative tightening (QT, i.e. actively reducing its balance sheet), although we feel the conditions are still not right for the SNB to sell its currency reserves at this stage.

### BOJ: under growing pressure

The Bank of Japan (BoJ) is caught in a very awkward position. On the one hand, Japan's domestic economic conditions suggest that the BoJ still has reasons to stick to its ultra-loose monetary policy. After all, there is little (if any) pressure on inflation from domestic demand. Consumption has just started to recover, but at a moderate pace. The labour market is recovering too, but wage growth remains muted. And Japanese export growth is clearly slowing on weakening external demand, particularly from China.

On the other hand, the divergence between its monetary policies and the Fed's means the BoJ is under strong pressure on the currency front. Since early March, the yen has depreciated by about 15% against the US dollar, dropping to 135 yen per dollar at one point, its lowest level since 1997. By contributing to the surge in energy and food prices, the yen's weakness has become a source of public disquiet and a sensitive political issue. For the first time during his tenure as governor of the BoJ, Haruhiko Kuroda has had to admit recently that the sharp yen depreciation is bad for the overall economy.

In our view, **there is a rising chance for some adjustment in the BoJ's policy over the next few months.** One possible change could be to move the anchor point of its yield curve control (YCC) to a shorter maturity (for example, moving from fixing the 10-year JGB yield to fixing the 5-year one, thus allowing long-term yields to move higher).

Another near-term option would be direct interventions in the FX market. This would be a decision for the Ministry of Finance, but it would be implemented by the BoJ. Some Japanese government officials have recently started to warn against further sharp depreciation of the yen and hinted at possible intervention. While the timing of such interventions is difficult to predict, one likely will need to see much more frequent and urgent verbal warnings before any real action is taken.

*For illustrative purposes. Past performance should not be taken as a guide to or guarantee of future performance. Performances and returns may increase or decrease as a result of currency fluctuations. There can be no assurance that these projections, forecasts or expected returns will be achieved. The projection is not based on simulated past performance.*

---

## SCENARIO UPDATE: CENTRAL BANKS, INFLATION AND OIL

### FROM WHATEVER IT TAKES TO WHATEVER IT BREAKS

---

#### Oil: hot summer ahead

Tension in the oil market is likely to persist during the northern hemisphere summer. Russian oil supply is missing from the equation, notably refined products. At 91%, US refiners are producing at close to their maximum capacity. At the same time, US demand is back to pre-pandemic levels and the summer driving season is likely to ensure demand stays high. Petrol prices at the pump have reached USD5 per gallon for the first time since 2004 (compared to USD2.6 in December 2019). Prices could increase further during July and August, conceivably rising above USD6 per gallon.

Forward demand remains high for crude oil. The Brent futures curve shows massive backwardation (USD119/barrel in two months, USD95 by end 2023). This situation is likely to prevail during the summer.

Global supply elasticity remains limited. US shale oil production is back to its all-time high of 9.4 million barrels per day (mbd). Further expansion will require increased investment. The OPEC+ quota system ends in September. If the market tightens too much, we could see Saudi Arabia and UAE increase supply to compensate for Russian oil and the inability of other members to meet their production quotas.

Two main opposing forces will determine global oil demand. The first is the expected slowdown in Western economies in H2 due to the energy shock and tighter financial conditions. The second is China reopening, which could boost commodity demand after the downturn in demand caused by China's zero-covid policy. These two opposing forces will determine whether the oil market remains in slight oversupply (as it has been in the past three months) or falls back into undersupply. All things considered, we have raised our forecast for Brent oil price, which we expect to remain at USD120-USD130 per barrel during the summer. **We then expect prices to settle at USD110 by the end of the year** (compared to our previous forecast of USD95).

*For illustrative purposes. Past performance should not be taken as a guide to or guarantee of future performance. Performances and returns may increase or decrease as a result of currency fluctuations. There can be no assurance that these projections, forecasts or expected returns will be achieved. The projection is not based on simulated past performance.*

**DISCLAIMERS**

STOXX Limited ("STOXX") is the source of Stoxx 600 and of Euro Stoxx and the data comprised therein. STOXX has not been involved in any way in the creation of any reported information and does not give any warranty and excludes any liability whatsoever (whether in negligence or otherwise) – including without limitation for the accuracy, adequateness, correctness, completeness, timeliness, and fitness for any purpose – with respect to any reported information or in relation to any errors, omissions or interruptions in the Stoxx indices mentioned on this document or its data. Any dissemination or further distribution of any such information pertaining to STOXX is prohibited."

ICE-BofA Merrill Lynch. The index data referenced herein is the property of ICE Data Indices, LLC, its affiliates ("ICE Data") and/or its Third Party Suppliers and has been licensed for use by Pictet. ICE Data and its Third Party Suppliers accept no liability in connection with its use.

NYSE Euronext. All rights in the NYSE Euronext indices and/or the NYSE Euronext index trademarks vest in NYSE Euronext and/or its licensors. Neither NYSE Euronext nor its licensors accept any liability for any errors or omissions in the NYSE Euronext indices or underlying data. No further distribution of NYSE Euronext data and/or usage of NYSE Euronext index trademarks for the purpose of creating and/or operating a financial product is permitted without NYSE Euronext's express written consent."

Bloomberg Index Services Limited.

"SIX Swiss Exchange AG ("SIX Swiss Exchange") is the source of SMI\_SPI and the data comprised therein. SIX Swiss Exchange AG ("SIX Swiss Exchange") is the source of SMI\_SPI and the data comprised therein. SIX Swiss Exchange has not been involved in any way in the creation of any reported information and does not give any warranty and excludes any liability whatsoever (whether in negligence or otherwise) – including without limitation for the accuracy, adequateness, correctness, completeness, timeliness, and fitness for any purpose – with respect to any reported information or in relation to any errors, omissions or interruptions in the SMI\_SPI or its data. Any dissemination or further distribution of any such information pertaining to SIX Swiss Exchange is prohibited.

The MSCI information may only be used for your internal use, may not be reproduced or disseminated in any form and may not be used as a basis for or a component of any financial instruments or products or indices. None of the MSCI information is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such. Historical data and analysis should not be taken as an indication or guarantee of any future performance analysis, forecast or prediction. The MSCI information is provided on an "as is" basis and the user of this information assumes the entire risk of any use made of this information. MSCI, each of its affiliates and each other person involved in or related to compiling, computing or creating any MSCI information (collectively, the "MSCI Parties") expressly disclaims all warranties (including, without limitation, any warranties of originality, accuracy, completeness, timeliness, non-infringement, merchantability and fitness for a particular purpose) with respect to this information. Without limiting any of the foregoing, in no event shall any MSCI Party have any liability for any direct, indirect, special, incidental, punitive, consequential (including, without limitation, lost profits) or any other damages. (www.msci.com).

@ 2021, Markit Economics Limited. All rights reserved and all Intellectual property rights retained by "Markit Economics Limited." or as may be notified by Markit to Pictet from time to time.

The TOPIX Index Value and the TOPIX Marks are subject to the proprietary rights owned by Tokyo Stock Exchange, Inc. and Tokyo Stock Exchange, Inc. owns all rights and know-how relating to the TOPIX such as calculation, publication and use of the TOPIX Index Value and relating to the TOPIX Marks. No Product is in any way sponsored, endorsed or promoted by Tokyo Stock Exchange, Inc.

**Distributors: Banque Pictet & Cie SA, Route des Acacias 60, 1211 Geneva 73, Switzerland and Pictet & Cie (Europe) SA, 15A, avenue J. F. Kennedy, L-1855 Luxembourg/B.P. 687 L-2016 Luxembourg.**

Banque Pictet & Cie SA is established in Switzerland, exclusively licensed under Swiss Law and therefore subject to the supervision of the Swiss Financial Market Supervisory Authority (FINMA).

Pictet & Cie (Europe) SA is established in Luxembourg, authorized and regulated by the Luxembourg Financial Authority, Commission de Surveillance du Secteur Financier.

This marketing communication is not intended for persons who are citizens of, domiciled or resident in, or entities registered in a country or a jurisdiction in which its distribution, publication, provision or use would violate current laws and regulations.

The information, data and analysis furnished in this document are disclosed for information purposes only. They do not amount to any type of recommendation, either general or tailored to the personal circumstances of any person. Unless specifically stated otherwise, all price information is indicative only. No entity of the Pictet Group may be held liable for them, nor do they constitute an offer or an invitation to buy, sell or subscribe to securities or other financial instruments. The information contained herein is the result neither of financial analysis within the meaning of the Swiss Bankers Association's Directives on the Independence of Financial Research, nor of investment research for the purposes of the relevant EU MiFID provisions. All information and opinions expressed in this document were obtained from sources believed to be reliable and in good faith, but no representation or warranty, express or implied, is made as to its accuracy or completeness.

Except for any obligations that any entity of the Pictet Group might have towards the addressee, the addressee should consider the suitability of the transaction to individual objectives and independently assess, with a professional advisor, the specific financial risks as well as legal, regulatory, credit, tax and accounting consequences.

Furthermore, the information, opinions and estimates in this document reflect an evaluation as of the date of initial publication and may be changed without notice. The Pictet Group is not under any obligation to update or keep current the information contained herein. In case this document refers to the value and income of one or more securities or financial instruments, it is based on rates from the customary sources of financial information that may fluctuate. The market value of financial instruments may vary on the basis of economic, financial or political changes, currency fluctuations, the remaining term, market conditions, the volatility and solvency of the issuer or the benchmark issuer. Some investments may not be readily realizable since the market in the securities can be illiquid. Moreover, exchange rates may have a positive or negative effect on the value, the price or the income of the securities or the related investments mentioned in this document. When investing in emerging countries, please note that the political and economic situation in those countries is significantly less stable than in industrialized countries. They are much more exposed to the risks of rapid political change and economic setbacks.

Past performance must not be considered an indicator or guarantee of future performance, and the addressees of this document are fully responsible for any investments they make. No express or implied warranty is given as to future performance. Moreover, forecasts are not a reliable indicator of future performance. The content of this document can only be read and/or used by its addressee. The Pictet Group is not liable for the use, transmission or exploitation of the content of this document. Therefore, any form of reproduction, copying, disclosure, modification and/or publication of the content is under the sole liability of the addressee of this document, and no liability whatsoever will be incurred by the Pictet Group. The addressee of this document agrees to comply with the applicable laws and regulations in the jurisdictions where they use the information reproduced in this document.

This document is issued by Banque Pictet & Cie SA. This publication and its content may be cited provided that the source is indicated. All rights reserved. Copyright 2022.

**Distributor: Pictet & Cie (Europe) S.A., London branch ("Pictet London Branch")**

This is a marketing communication distributed by Pictet London Branch.

This document sets forth neither a personal recommendation tailored to the needs, objectives and financial situation of any individual or company (investment advice as defined in the Financial Conduct Authority's Handbook of rules and guidance (the "FCA Handbook")), nor the results of investment research within the meaning of the FCA Handbook. Moreover, it does not constitute an offer, or an invitation to buy, sell or subscribe to securities or other financial instruments, nor is it meant as a proposal for the conclusion of any type of agreement. Furthermore, this document should not be considered a suitability report as Pictet London Branch has not received all the necessary information on the recipient to complete its suitability assessment that covers the recipient's knowledge and experience, tolerance to risk, investment needs and the recipient's ability to absorb financial risk. Should its addressee decide to proceed to any transaction in relation to a financial product referred to herein, this will be in his sole responsibility, and the suitability/appropriateness of the transaction and other financial, legal and tax aspects should be assessed by an expert.

Any information contained in this document is disclosed for information purposes only, and neither the producer nor the distributor can be held liable for any fluctuation of the price of the securities. No express or implied warranty is given as to future performance. The opinions expressed reflect an objective evaluation of information available to the general public, such as rates from customary sources of financial information. The market value of securities mentioned may vary on the basis of economic, financial or political changes, the remaining term, market conditions, the volatility and solvency of the issuer or the benchmark issuer. Moreover, exchange rates may have a positive or negative effect on the value, the price or the income of the securities or the related investments mentioned in this document. It is also expressly noted that forecasts are not a reliable indicator of future performance, while past performance is not a reliable indicator of future results.

You shall only take investment decisions when you fully understand the relevant financial product and the involved risks. In particular, the relevant product documentation (such as the issuance program, final terms, prospectus, simplified prospectus and key (investor) information document), as well as Appendix 4: Risk Warnings Relating to Trading in Financial Instruments of the Terms and Conditions of Pictet London Branch, shall be read. Structured products are complex financial products and involve a **high** degree of risk. The value of structured products depends not only on the performance of the underlying asset(s), but also on the credit rating of the issuer. Furthermore, the investor is exposed to the risk of default of the issuer/guarantor.

In respect of any product documentation, including key information documents of Packaged Retail and Insurance-based Investment Products ("KIDs") and key investor information documents of Undertakings for Collective Investment in Transferable Securities ("KIIDs"), please note that these may change without notice. You should therefore ensure that you review the latest version of them prior to confirming to Pictet London your decision to invest. If you have been provided with a link to access the respective KID/KIID/other product document, you should therefore click on the link immediately before confirming to Pictet London Branch your decision to invest, in order to review the most recent version of the respective KID/KIID/other product document. If you have not been provided with a link to access the relevant document, or if you are in any doubt as to what the latest version of the respective KID/KIID/other product document is, or where it can be found, please ask your usual Pictet London Branch contact.

Pictet London Branch is not the manufacturer of the product(s) and the KID/KIID/other product document is provided by a third party. The KID/KIID/other product document is obtained from sources believed to be reliable. Pictet London Branch does not make any guarantee or warranty as to the correctness and accuracy of the data contained in the KID/KIID/other product document. Pictet London Branch may not be held liable for an investment decision or other transaction made based on reliance on, or use of, the data contained in the KID/KIID/other product document.

By subscribing to the product(s) proposed herein, you acknowledge that you have (i) received, in good time, read and understood any relevant documentation linked to the product(s), including, as the case may be, the respective KID/KIID/other product document; (ii) taken note of the product(s) restrictions; and (iii) meet the applicable subjective and objective eligibility conditions to invest in the product(s).

Pictet London Branch may, if necessary, rely on these acknowledgements and receive your orders, to transmit them to another professional, or to execute them, according to the relevant clauses of your mandate, as well as the Terms and Conditions of Pictet London Branch.

The content of this document shall only be read and/or used by its addressee. Any form of reproduction, copying, disclosure, modification and/or publication in any form or by any means whatsoever is not permitted without the prior written consent of Pictet London Branch and no liability whatsoever will be incurred by Pictet London Branch. The addressee of this document agrees to comply with the applicable laws and regulations in the jurisdictions where they use the information provided in this document.

Pictet London Branch is a branch of Pictet & Cie (Europe) S.A.. Pictet & Cie (Europe) S.A. is a société anonyme (public limited liability company) incorporated in Luxembourg and registered with the Luxembourg Registre de Commerce et des Sociétés (RCS no. B32060). Its head office is at 15A, avenue J.F. Kennedy, L-2016 Luxembourg. Pictet London Branch is registered as a UK establishment with Companies House (establishment number BR016925) and its UK establishment office address is Stratton House 6th Floor, London, 5 Stratton Street, W1J 8LA.

Authorised and regulated by the Commission de Surveillance du Secteur Financier. Deemed authorised by the Prudential Regulation Authority. Subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority. Details of the Temporary Permissions Regime, which allows EEA-based firms to operate in the UK for a limited period while seeking full authorisation, are available on the Financial Conduct Authority's website.

**Distributors: Bank Pictet & Cie (Asia) Ltd ("BPCAL") in Singapore and/or Banque Pictet & Cie SA, Hong Kong Branch ("Pictet HK Branch") in Hong Kong.**

The information, tools and material presented in this document are provided for information purposes only and are not to be used or considered as an offer, an invitation to offer or solicitation to buy, sell or subscribe for any securities, commodities, derivatives, (in respect of Singapore only) futures, or other financial instruments (collectively referred to as "Investments") or to enter into any legal relations, nor as advice or recommendation with respect to any Investments. This document is intended for general circulation and

it is not directed at any particular person. This document does not have regard to the specific investment objectives, financial situation and/or the particular needs of any recipient of this document. Investors should seek independent financial advice regarding the appropriateness of investing in any Investments or adopting any strategies discussed in this document, taking into account the specific investment objectives, financial situation or particular needs of the investor, before making a commitment to invest.

BPCAL/Pictet HK Branch has not taken any steps to ensure that the Investments referred to in this document are suitable for any particular investor, and accepts no fiduciary duties to any investor in this regard, except as required by applicable laws and regulations. Furthermore, BPCAL/Pictet HK Branch makes no representations and gives no advice concerning the appropriate accounting treatment or possible tax consequences of any Investment. Any investor interested in buying or making any Investment should conduct its own investigation and analysis of the Investment and consult with its own professional adviser(s) as to any Investment including the risks involved.

This document is not to be relied upon in substitution for the exercise of independent judgment. The value and income of any Investment mentioned in this document may fall as well rise. The market value may be affected by, amongst other things, changes in economic, financial, political factors, time to maturity, market conditions and volatility, and the credit quality of any issuer or reference issuer. Furthermore, foreign currency rates of exchange may have a positive or adverse effect on the value, price or income of any Investment mentioned in this document. Accordingly, investors must be willing and able to assume all risks and may receive back less than originally invested.

Past performance should not be taken as an indication or guarantee of future performance and no representation or warranty, expressed or implied, is made by BPCAL/Pictet HK Branch regarding future performance.

This document does not constitute the investment policy of BPCAL/Pictet HK Branch, or an investment recommendation, and merely contains the different assumptions, views and analytical methods of the analysts who prepared them. Furthermore, the information, opinions and estimates expressed herein reflect a judgment at its original date of publication and are subject to change without notice and without any obligation on BPCAL/Pictet HK Branch to update any of them. BPCAL/Pictet HK Branch may have issued or distributed other reports or documents that are inconsistent with, and reach different conclusions from, the information presented in this document.

While the information and opinions presented herein are from sources believed to be reliable, BPCAL/Pictet HK Branch is not able to, and do not make any representation or warranty as to its accuracy or completeness. Accordingly, BPCAL/Pictet HK Branch accepts no liability for loss arising from the use of or reliance on this document presented for information purposes only. BPCAL/Pictet HK Branch reserves the right to act upon or use any of the information in this document at any time, including before its publication herein.

BPCAL/Pictet HK Branch and its affiliates (or employees thereof) may or may not have long or short positions in, and buy or sell, or otherwise have interest in, any of the Investments mentioned herein, and may or may not have relationships with the issuers of or entities connected with Investments mentioned in this document. BPCAL/Pictet HK Branch and their affiliates (or employees thereof) may act inconsistently with the information and/or opinions presented in this document.

The information used to prepare this document and/or any part of such information, may have been provided or circulated to employees and/or one or more clients of BPCAL/Pictet HK Branch before this document was received by you and such information may have been acted upon by such recipients or by BPCAL/Pictet HK Branch.

This document is provided solely for the information of the intended recipient only and should not be reproduced, published, circulated or disclosed in whole or in part to any other person without the prior written consent of BPCAL/Pictet HK Branch.

#### Singapore

This document is not directed to, or intended for distribution, publication to or use by, persons who are not accredited investors, expert investors or institutional investors as defined in section 4A of the Securities and Futures Act (Cap. 289 of Singapore) ("SFA") or any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or would subject BPCAL and any of its affiliates or related corporations to any prospectus or registration requirements.

BPCAL is a wholesale bank regulated by the Monetary Authority of Singapore ("MAS") under the Banking Act Cap. 50 of Singapore, an exempt financial adviser under the Financial Advisers Act Cap. 110 of Singapore ("FAA") and an exempt capital markets licence holder under the SFA. Please contact BPCAL in Singapore in respect of any matters arising from, or in connection with this document.

#### Hong Kong

This document is not directed to, or intended for distribution, publication to or use by, persons who are not "professional investors" within the meaning of the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) and any rules made thereunder (the "SFO") or any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or would subject Pictet HK Branch and any of its affiliates or related corporations to any prospectus or registration requirements. If you do not want Pictet HK Branch to use your personal information for marketing purposes, you can request Pictet HK Branch to stop doing so without incurring any charge to you. In distributing investment products as agents for third party service providers, Pictet HK Branch is an agent of the third party service provider and the product is a product of the third party service provider but not Pictet HK Branch. In respect of an eligible dispute (as defined in the Terms of Reference for the Financial Dispute Resolution Centre in relation to the Financial Dispute Resolution Scheme) arising between Pictet HK Branch and you out of the selling process or processing of the related transaction, Pictet HK Branch is required to enter into a Financial Dispute Resolution Scheme process with you; however any dispute over the contractual terms of the product should be resolved between directly the third party service provider and you.

Banque Pictet & Cie SA is a limited liability company incorporated in Switzerland. It is an authorized institution within the meaning of the Banking Ordinance and a registered institution (CE No.: BMG891) under the SFO carrying on Type 1 (dealing in securities), Type 4 (advising on securities) and Type 9 (asset management) regulated activities. The registered address of Pictet HK Branch is 9/F., Chater House, 8 Connaught Road Central, Hong Kong.

**Warning:** The contents of this document have not been reviewed by any regulatory authority in Hong Kong. You are advised to exercise caution in relation to the offer. If you are in any doubt about any of the contents of this document, you should obtain independent professional advice. Please contact Pictet HK Branch in Hong Kong in respect of any matters arising from, or in connection with this document.

**Distributor: Pictet Bank & Trust Limited, where registered office is located at Building 1, Bayside Executive Park, West Bay Street & Blake Road, Nassau, New Providence, The Bahamas.**

The document is not directed to, or intended for distribution or publication to or use by persons who are not Accredited Investors (as defined in the Securities Industry Regulations, 2012) and subject to the conditions set forth in the Securities Industry Regulations, 2012 or to any person or entity who is a citizen or resident of or located in any locality, state,



country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or would subject Pictet Bank & Trust Limited to any prospectus or registration requirements. Pictet Bank & Trust Limited is incorporated in The Bahamas with limited liability. It is a bank and trust company that is licensed in accordance with the Banks and Trust Companies' Regulation Act and is regulated by the Central Bank of The Bahamas. Additionally, Pictet Bank & Trust Limited is registered with the Securities Commission of The Bahamas as a Broker Dealer II and is approved to (i) Deal in Securities 1.(a) & (c); (ii) Arrange Deals in securities; (iii) Manage Securities; (iv) Advise on Securities.

**Warning:** The content of this document has not been reviewed by any regulatory authority in The Bahamas. You are, therefore, advised to exercise caution when processing the information contained herein. If you are in any doubt about any of the content of this document, you should obtain independent professional advice.