

**HENRY COOK**  
Senior Europe Economist

Economic Research Office

T: +44 (0)20 7577 1591

E: henry.cook@uk.mufg.jp

**MUFG BANK, LTD.**

A member of MUFG, a global financial group

## Markets have settled but tighter credit conditions remain a risk to the economy

20 April 2023

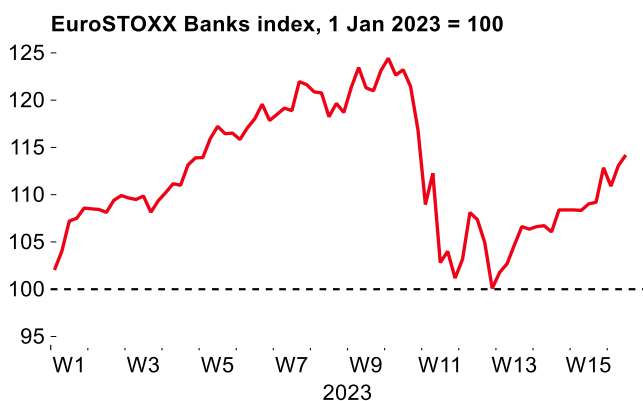
Banking sector fears have mostly subsided in Europe after a period of intense market scrutiny, but the macro repercussions could prove more persistent. Credit conditions were already looking tight even at the end of last year and there is a clear risk of a credit crunch weighing on economic activity over coming quarters. This could offset stronger economic momentum seen recently in the euro area and leave growth relatively muted through 2023.

### Banking sector fears have mostly subsided

The European economy emerged from the winter on a much better footing than expected after navigating the energy crisis (see [here](#)), but any respite was short-lived as market attention shifted quickly to stress in the financial sector. The collapse of SVB in the US in early March and the sudden acquisition of Credit Suisse by UBS stoked concerns about a broader banking crisis after the sharp rise in interest rates.

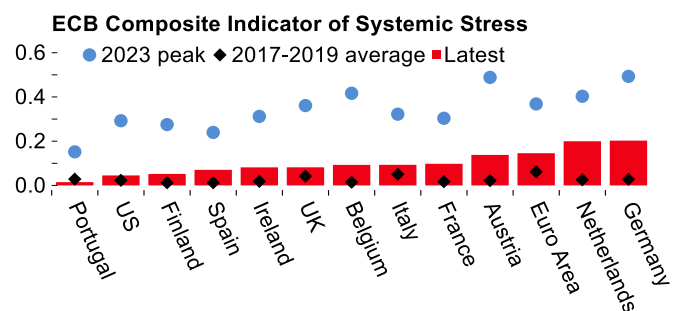
But as time has passed after the initial period of extreme market scrutiny it seems more likely that issues at Credit Suisse and SVB may have been isolated incidents rather than an indication of wider, systemic issues in the banking sector.

**CHART 1: EUROPEAN BANK EQUITIES ARE NOW RECOVERING**



Source: Macrobond, MUFG Bank Economic Research Office

**CHART 2: SYSTEMIC STRESS INDICATORS HAVE FALLEN BACK**



Note: The CISS index is a daily indicator published by the ECB designed to show stress in the financial system. It is created from 15 individual series, aggregated into 5 market-specific subindices. It is designed to place more weight on situations in which stress is occurring in several market segments at the same time.

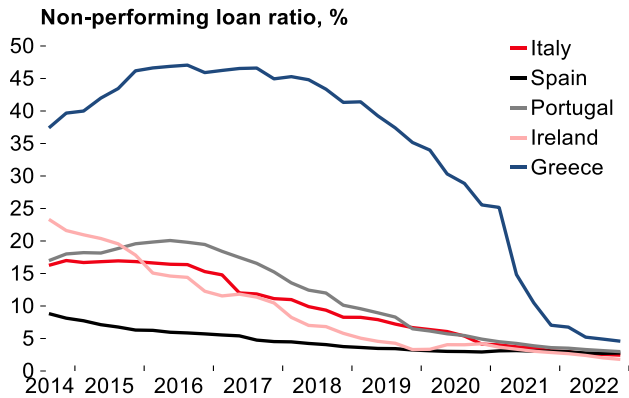
Source: ECB, MUFG Bank Economic Research Office

Financial markets have clearly calmed over the last few weeks. The EuroStoxx Banks index, while not back to its early March levels, is still over 10% up YTD (Chart 1). The ECB's daily systemic stress indicator has also fallen back sharply (Chart 2), but does remain above post-sovereign debt crisis/pre-pandemic averages.

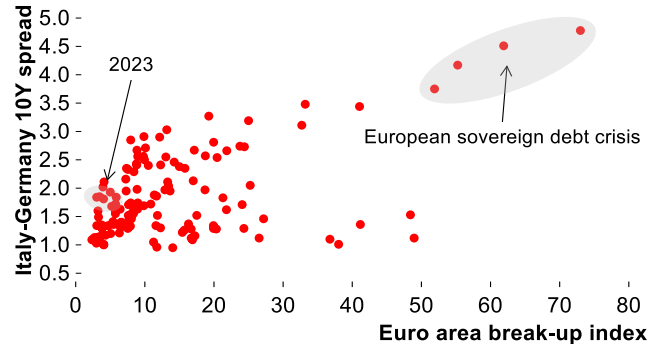
On paper, the numbers are reassuring: European banks' liquidity buffers look healthier than in the past, and balance sheets seem less toxic with a fall in non-performing loan ratios since the sovereign debt crisis years (Chart 3). European banks are also now

subject to stricter regulation with the ECB granted a supervisory role since 2013. And, taking a step back, the risk of any euro area member country leaving the single currency is not a current issue (Chart 4).

**CHART 3: BANKS' BALANCE SHEETS LOOK LESS TOXIC AFTER THE DECREASE IN NPL RATIOS**



**CHART 4: FEW CONCERNS CURRENTLY ABOUT A REPEAT OF THE EURO AREA SOVEREIGN DEBT CRISIS**



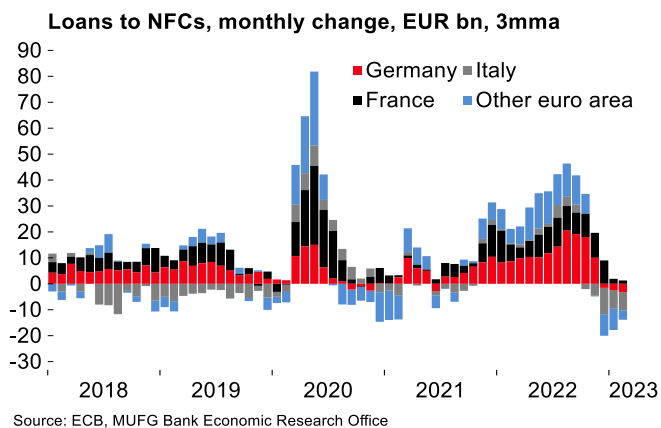
So, while we're not ready to say that a crisis has been averted, it's certainly encouraging that European banks have so far withstood intense investor examination after the takeover of Credit Suisse.

Of course, recent events have made it clear that market conditions can change quickly and concerns about the banking sector will not vanish entirely. There may well be more areas of concern yet to emerge following the shift to a higher interest rate environment after years of rates at the lower bound. For instance, we note that there are now some signs that the European housing market could be responding to higher borrowing costs, with the EU house price index showing the first quarterly decline since 2015 in Q4 2022.

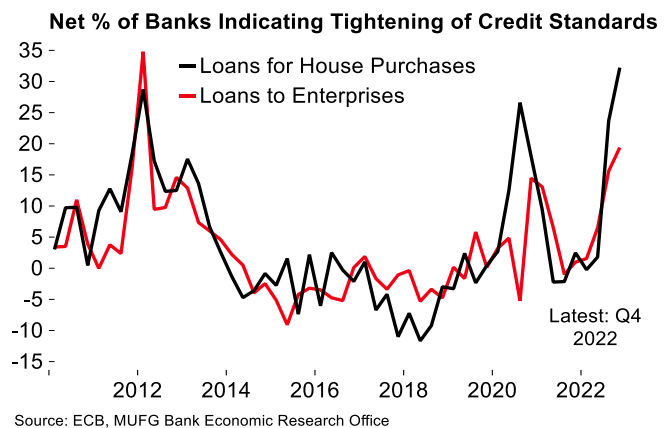
**Tighter credit conditions will be a headwind for growth**

As it stands, our main concern is the risk of a credit crunch weighing on economic activity. The data suggest this is already happening to an extent: there has been a clear slowdown in credit in recent months (Chart 5), and European banks were tightening credit standards even before recent market unrest (Chart 6).

**CHART 5: THERE HAS BEEN A CLEAR SLOWDOWN IN CREDIT IN RECENT MONTHS**

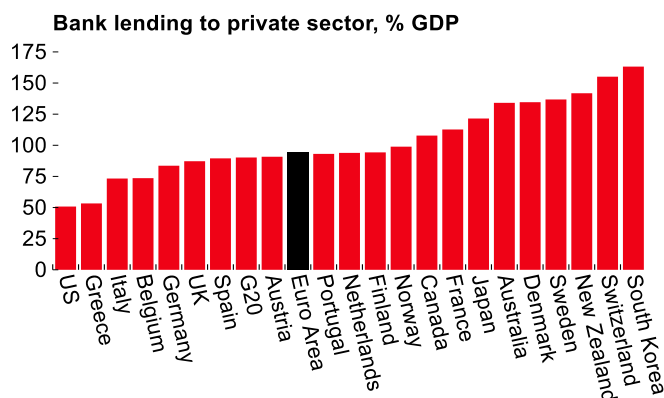


**CHART 6: TIGHTER CREDIT CONDITIONS – EVEN BEFORE RECENT MARKET UNREST**



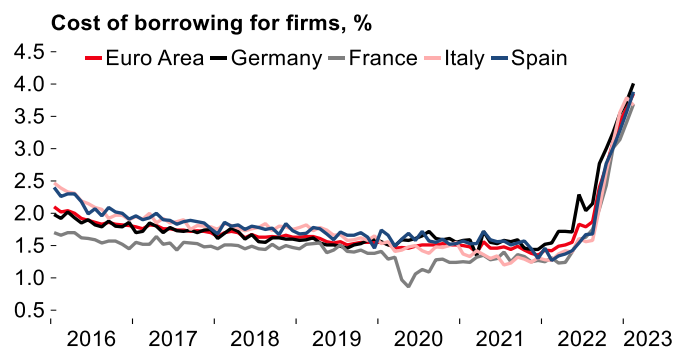
It seems likely that credit conditions will have worsened in Q1, and this could yet be amplified further by a weaker US economy (where the recession risk has probably risen recently). The European economy is more bank-orientated with bank lending to the private sector standing at about 90% of GDP in the euro area vs 50% in the US (Chart 7). After the increase in market volatility through March we expect that tighter credit conditions will remain a headwind for growth over coming quarters, which could amplify the drag from higher borrowing costs (Chart 8) after the ECB's rapid rate hikes.

**CHART 7: THE EUROPEAN ECONOMY IS MORE BANK-BASED THAN THE US**



Source: BIS, MUFG Bank Economic Research Office

**CHART 8: BORROWING COSTS HAVE SOARED**



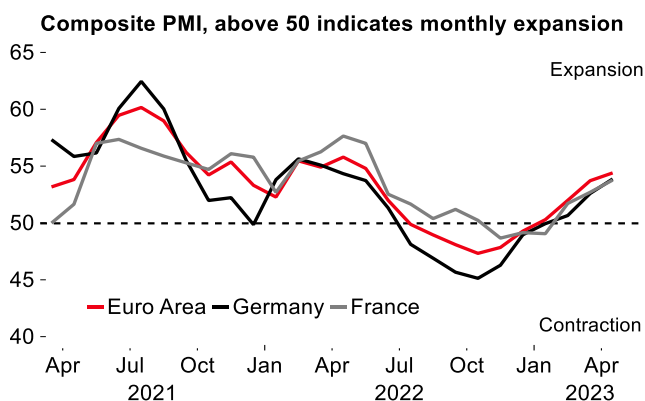
Note: Rates are aggregated by weighting short and long-term borrowing costs with a moving average of business volumes.

Source: ECB, MUFG Bank Economic Research Office

However, there's also encouragement to be found in survey data, which has been fairly resilient to the market situation in March. Euro area PMIs are now clearly in expansion territory (Chart 9). In terms of hard data, industrial production increased by 1.5% M/M in February, which, coming on the back of a 1.0% increase in January, bodes well for Q1 GDP. After slightly negative GDP growth in Q4 last year (Chart 10), it now seems that the euro area economy could avoid a technical recession in H1 2023.

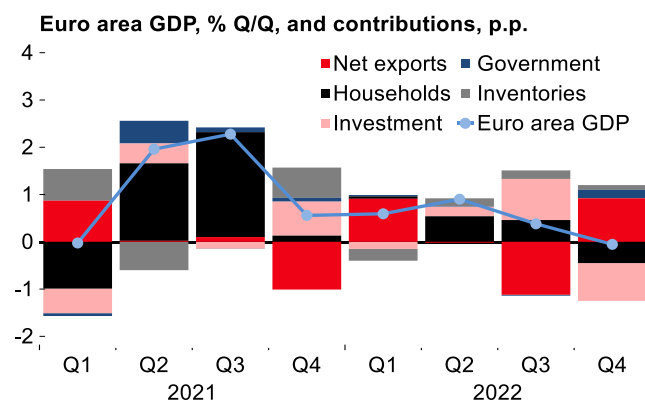
Part of reason for this is that the manufacturing sector has benefitted from both continued improvements in global supply chains and lower wholesale energy costs. These tailwinds for industry will fade through the year, however. Meanwhile, euro area retail sales again disappointed in February (-0.8% M/M). It's still a tough consumer environment (see [here](#)), even as headline inflation falls, and European governments will taper cost-of-living support packages through the year.

**CHART 9: SURVEY DATA HAS CONTINUED TO IMPROVE**



Source: S&P Global, MUFG Bank Economic Research Office

**CHART 10: WILL THE EURO AREA AVOID A RECESSION AFTER FLAT GDP GROWTH IN Q4 2022?**



Source: Eurostat, MUFG Bank Economic Research Office

Our current view is that tighter credit conditions will offset the stronger-than-expected growth momentum at the start of the year, and we continue to expect annual average euro area GDP growth of around 0.5% in 2023. But a plausible downside scenario is a more severe credit crunch which pushes the economy into recession in H2.

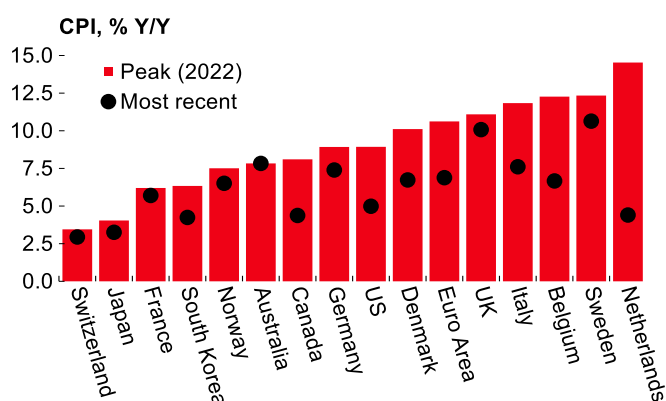
### The ECB has more work to do

Major central banks all held policy meetings against the background of market unrest in March. The general from monetary policymakers was that they are willing to look past the episode of market turbulence and will attempt to hold a steady course. The ECB hiked by 50bp, as it had previously signalled it would.

The ECB was later to start tightening policy than the BoE and other central banks and the indications are that it may now continue to raise rates for longer than its peers. The latest ECB HICP projections point to above-target inflation until mid-2025 and the message from recent speeches seems crystal clear: the job is not yet done.

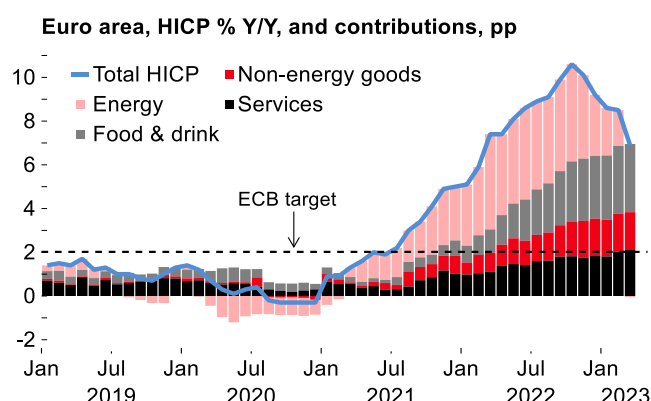
Euro area headline inflation is falling quickly now (Chart 11) but the core rate reached a new record high of 5.7% in March and there is no indication that it is set to trend downwards in coming months (Chart 12). Markets are pricing in a little over 75bp of further rate hikes by year-end.

**CHART 11: HEADLINE INFLATION HAS NOW PASSED THE PEAK IN MOST DEVELOPED ECONOMIES**



Source: Macrobond, MUFG Bank Economic Research Office

**CHART 12: UNDERLYING INFLATION IS PROVING PERSISTENT IN THE EURO AREA**



Source: Eurostat, MUFG Bank Economic Research Office

However, as noted above, there was evidence of tighter credit conditions even in Q4 2022 in the ECB's Bank Lending Survey (BLS), and a further deterioration would strengthen dovish arguments. It's worth noting that the next quarterly BLS is due on 2 May, two days before the next ECB monetary policy meeting, and could be an important factor around the decision.

And if market conditions were to deteriorate again then the aim for policymakers will be to keep decisions on financial stability separate from those of price stability. The BoE's response to the LDI market turmoil last year demonstrated that this is possible when it intervened in bond markets while also maintaining its quantitative tightening target.

## CERTIFICATION

The author(s) mentioned on the cover of this report hereby certify(ies) (or, where multiple authors are responsible, individually certify with respect to each security that the author covers in this report) that the views expressed in this report accurately reflect their personal views about the subject company(ies) and its (their) securities, and also certify(ies) that they have not been, are not, and will not be receiving direct or indirect compensation in exchange for expressing any specific recommendation(s) or view(s) in this report.

## DISCLAIMERS

This report has been prepared by the Global Markets Research, US Rates and Credit Strategy desks within MUFG Bank, Ltd. ("MUBK") and MUFG Securities EMEA plc ("MUS(EMEA)") and may be distributed to you either by MUBK, MUS(EMEA) or by another subsidiary of the Mitsubishi UFJ Financial Group ("MUFG").

### Legal entities and branches

The securities related businesses within MUFG (together referred to in this presentation as "MUFG Securities") are: (1) MUFG SECURITIES EMEA PLC ("MUS(EMEA)") which is authorised in the United Kingdom by the Prudential Regulation Authority ("PRA") and regulated by the Financial Conduct Authority ("FCA") and the PRA (FS Registration Number 124512). MUS(EMEA) has a branch office that is registered at Level 3, East Wing, The Gate, Dubai International Financial Centre, PO Box 506894, Dubai, UAE ("Dubai Branch"). The Dubai Branch is authorised to operate in the Dubai International Financial Centre ("DIFC") as a Non-DIFC Entity (Commercial License Number CL1656) and is regulated by the Dubai Financial Services Authority (Reference Number F002623); (2) MUFG Securities (Europe) N.V. ("MUS (EU)") which is authorized and regulated in the Netherlands by the Dutch Authority for the Financial Markets (AFM) and also regulated by De Nederlandsche Bank (DNB). MUS (EU) Paris Branch is regulated in France by the Autorité de contrôle prudentiel et de résolution (ACPR) and the Autorité des marchés financiers (AMF); (3) MUFG SECURITIES AMERICAS INC. ("MUSA") which is registered in the United States with the Securities and Exchange Commission ("SEC") and regulated by the Financial Industry Regulatory Authority ("FINRA") (SEC# 8-43026; CRD# 19685); (4) MUFG SECURITIES (CANADA), LTD. ("MUS(CAN)") is an investment dealers registered in Canada with the Ontario Securities Commission ("OSC") and in each province and territory of Canada, a member of the Investment Industry Regulatory Organization of Canada ("IIROC"), and a member of the Canadian Investor Protection Fund ("CIPF"). Customers' accounts are protected by CIPF within the specified limits; (5) MUFG SECURITIES ASIA LIMITED ("MUS(ASIA)") which is incorporated in Hong Kong, licensed under the Hong Kong Securities and Futures Ordinance and regulated by the Hong Kong Securities and Futures Commission (Central Entity Number AAA889). MUS(ASIA) is registered as a foreign company under the Corporations Act 2001 of Australia ARBN No. 169 329 453; and (6) MUFG Securities Asia (Singapore) Limited ("MUS(SPR)") which is licensed as an approved merchant bank by the Monetary Authority of Singapore. In respect of the financial services provided to wholesale clients in Australia, MUS(ASIA), MUS(EMEA), MUS(USA) and MUS(SPR) are each exempt from the requirement to hold an Australian financial services licence under the Corporations Act 2001 of Australia under the Australian Securities and Investments Commission Class Order Exemption CO 03/1099, CO 03/1103, CO 03/1100, and CO 03/1102, respectively. Each of MUS(ASIA), MUS(EMEA), MUSA, MUS(CAN), and MUS(SPR) are regulated under the laws of Hong Kong, the United Kingdom, the United States, Canada and Singapore respectively, which differ from Australian laws.

MUFG Bank Ltd ("MUBK"), is a limited liability stock company incorporated in Japan and registered in the Tokyo Legal Affairs Bureau (company no. 0100-01-008846). MUBK's head office is at 7-1 Marunouchi 2-Chome, Chiyoda-Ku, Tokyo 100-8388, Japan. MUBK's London branch is at Ropemaker Place, 25 Ropemaker Street, London EC2Y 9AN, and is registered as a UK establishment in the UK register of companies (registered no. BR002013). The principal office of MUBK's Canada branch (MUFG Bank, Ltd., Canada Branch) is located at 200 Bay Street, Suite 1800, Toronto, Ontario, M5J 2J1, Canada. MUFG Bank's Canada branch is an authorized foreign bank branch permitted to carry on business in Canada pursuant to the Bank Act (Canada); Deposits with MUFG Bank Canada are not insured by the Canada Deposit Insurance Corporation. MUBK is authorised and regulated by the Japanese Financial Services Agency. MUBK's London branch is authorised by the UK Prudential Regulation Authority ("PRA") and regulated by the UK Financial Conduct Authority ("FCA") with limited regulation by the PRA.

### General disclosures

This report is for information purposes only and should not be construed as investment research as defined by MIFID 2 or a solicitation of any offer to buy or sell any security, commodity, futures contract or related derivative (hereafter "instrument") or to participate in any trading strategy. This report does not constitute a personal recommendation and does not take into account the individual financial circumstances, needs or objectives of the recipients. Recipients should therefore seek their own financial, legal, tax or other advice before deciding to invest in any of the instruments mentioned in this report.

Certain information contained in this report has been obtained or derived from third party sources and such information is believed to be correct and reliable but has not been independently verified. MUFG does not make any guarantee, representation, warranty or undertaking, express or implied, as to the fairness, accuracy, reliability, completeness, adequacy or appropriateness of any information or comments contained in this report. Furthermore the information may not be current due to, among other things, changes in the financial markets or economic environment. MUFG has no obligation to update any such information contained in this report.

The information contained in this report may contain forward-looking information ("FLI"). FLI is information regarding possible events, conditions, or results of operations that is based on assumptions about future economic conditions and courses of action and may be presented as either a forecast or a projection. This report is not intended to forecast or predict future events. Past performance is not a guarantee or indication of future results. Upon receipt of this report, each recipient acknowledges and agrees that any FLI included herein should not be considered material. Recipients should consult their own legal and financial advisers for additional information. Any prices provided herein (other than those identified as being historical) are indicative only and do not represent firm quotes as to either price or size.

This report is proprietary to MUFG and may not be quoted, circulated or otherwise referred to without our prior written consent. Notwithstanding this, MUFG shall not be liable in any manner whatsoever for any consequences or loss (including but not limited to any direct, indirect or consequential loss, loss of profits and damages) arising from any reliance on or usage of this report and accepts no legal responsibility to any investor who directly or indirectly receives this material.

### Country and region specific disclosures

This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or is located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to any law, regulation or rule. Each entity and branch within MUFG is subject to distinct regulatory requirements and certain products and services discussed in this document may not be available in all jurisdictions or to all client types.

In this regard, please note the following in relation to the jurisdictions in which MUFG has a local presence:

• United Kingdom / European Economic Area (EEA): This report is intended for distribution to a "professional client" or "eligible counterparty" as those terms are defined in the rules of the FCA and PRA. In other EEA countries, this report is intended only for persons regarded as professional investors (or equivalent) in their home jurisdiction.

• United States of America: This report, when distributed by MUSA, is intended for Institutional Investors ("Institutional Accounts" as defined by FINRA Rule 4512(c)). When distributed by a non-US affiliate of MUSA, this report is intended for distribution solely to "major U.S. institutional investors" or "U.S. institutional investors" pursuant to Rule 15a-6 under the U.S. Securities Exchange Act of 1934, as amended. Securities referenced in this report may have been underwritten by MUSA and/or its affiliates. Nothing in this report should be considered an offer or solicitation of an offer to buy or sell securities or any other financial product or a commitment of any kind with respect to any transaction.

IRS Circular 230 Disclosure: MUFG Securities does not provide tax advice. Accordingly, any discussion of U.S. tax matters included herein (including any attachments) is not intended or written to be used, and cannot be used, in connection with the promotion, marketing or recommendation by anyone not affiliated with MUSA of any of the matters addressed herein or for the purpose of avoiding U.S. tax-related penalties.

• Hong Kong: This report is only intended for distribution to a "professional investor" as that term is defined in the Securities and Futures Ordinance and should not be passed onto any other person.

• Singapore: This report is only intended for distribution to an "institutional investor", "accredited investor" or "expert investor" as those terms are defined under regulation 2 of the Financial Advisers Regulation. It is solely for the use of such investors and shall not be distributed, forwarded, passed on or disseminated to any other person. Investors should note that, as a result of exemptions that apply when this report is distributed to "accredited investors" and "expert investors", MUSS is exempt from complying with certain requirements under the Financial Advisers Act, including section 25 of the Financial Advisers Act (which requires a financial adviser to disclose all material information on certain investment products), section 27 (which requires a financial adviser to have a reasonable basis for making recommendations on investments) and section 36 (which requires a financial adviser to disclose any interests that it holds in securities that it recommends).

• Canada: When distributed in Canada by MUS(EMEA) or MUSA. MUS(EMEA) operates under an International Dealer Exemption from registration with the securities regulators in Alberta, British Columbia, Manitoba, Ontario and Québec. MUSA operates under an International Dealer Exemption from registration with the securities regulators in all Canadian Provinces and Territories. When distributed by MUS(EMEA) or MUSA, this report is only intended for a "permitted client" as that term is defined under the National Instrument 31-103 in Canada and is not intended for re-distribution to any other person. When distributed by MUS(CAN), this report is only intended for an "institutional client" as that term is defined under the IIROC dealer member rules and is not intended for re-distribution to any other person. The information contained herein is not, and under no circumstances is to be construed as, a prospectus, an advertisement, a public offering, an offer to sell securities described herein, or solicitation of an offer to buy securities described herein, in Canada or any province or territory thereof. Under no circumstance is the information contained herein to be construed as investment advice in any province or territory of Canada and is not tailored to the needs of the recipient. • Japan: This Note, when distributed by MUFG Securities affiliates located outside of Japan, is intended for distribution in accordance with Article 58-2 of the Financial Instruments Exchange Act 1948 ("FIEA") i) to a "Financial Instruments Business Operator" engaged in "Securities-Related Business" as defined in the FIEA or ii) to the government, the Bank of Japan, a qualified financial institution defined in Article 209 of the Cabinet Office Ordinance Concerning Financial Instruments Business, Etc., or an Investment Manager.

When distributed by Mitsubishi UFJ Morgan Stanley Securities Co., Ltd. ("MUMSS"), this Note is intended for distribution to a "Professional Investor (tokutei-toushika)" as defined in the FIEA.

• United Arab Emirates: This report is only intended for distribution to a "Professional Client" or "Market Counterparty" as those terms are defined under the rules of the Dubai Financial Services Authority and only a person meeting the criteria for these terms should act upon this report.

• Australia: This Note is only intended for distribution to persons in Australia who are sophisticated or professional investors for the purposes of section 708 of the Corporations Act of Australia, and are wholesale clients for the purposes of section 761G of the Corporations Act of Australia. This Note is not intended to be distributed or passed on, directly or indirectly, to any other class of persons in Australia.

Other jurisdictions:

MUFG Securities also relies on local registrations or regulatory exemptions in order to undertake certain securities business in other countries. In Thailand, MUS(EMEA) has a derivatives dealer registration with the Securities and Exchange Commission, Thailand. In Canada, MUS(EMEA) and MUSA each operate under an international dealer exemption registered with the securities regulators. MUS(EMEA) operates under the exemption in Alberta, Quebec, Ontario, British Columbia and Manitoba. MUSA operates under the exemption in all Canadian Provinces and Territories.