

## The Icarus Problem

- [The Icarus Proposition – Fed & Valuations](#): For a start, **elevated Fed rates catching richly valued markets on the wrong-foot**; triggering *some degree of a meltdown*.
- [The Icarus Dynamic – JPY & “Un-carry”](#): Moreover, **JPY squeezed into a sharp flight higher could sink Nikkei in Icarus-dynamics, dragging equities** elsewhere if “carry unwind” is unmitigated.
- [Risk Retrenchment](#): In concert, the **“Icarus problem” entails risk retrenchment** as the first pass effects recession risks and “carry unwind” conspire.
- [Dismal US Jobs Culpable](#): On the surface, the **dismal jobs report** with weakness all around (jobs, unemployment, wages) is **culpable for souring risk sentiments**.
- [BoJ Complicit](#): And the **BoJ is complicit**. Notably, given pre-existing **BoJ-triggered risk retrenchment** (JPY squeeze-“carry unwind” alongside Nikkei plunge).
- [Fed Mistake?](#): On the Fed, **markets fear that the Icarian wax is melting on “higher for longer”**. And inadvertently heading for **“too high for too long” policy mistake**.
- [Soft Landing Supplanted](#): Which entails the **“Goldilocks” soft-landing scenario being rudely supplanted by a far bumpier descent**, even if not a hard-landing is averted.
- [Pessimi-Sahm](#): A sharp rise in unemployment to 4.3% (from 4.1%) triggering the so-called **Sahm rule\*\* is ostensibly a key precipitating factor for “Icarus” risk**.
- [Overdone? Yes](#): But **markets’ panic appears overdone given that the ‘Sahm recession gauge’ was already flashing pre-warnings**; which we warned of in the 15<sup>th</sup> July edition of this report (see Recap 1 below).
- [Opportunistic? Yes](#): What’s more, there are hints of **opportunism** in seizing **US jobs stumble** and inadvertent **BoJ-triggered “risks off” to re-price richly valued risk assets into the summer lull**.
- [But Knife-Catching? No](#): Nonetheless, **those mourning Icarus will not relish catching falling knives**. Not yet anyway.
- [Equities](#): **Nikkei is down some 18-19%** over the last five sessions, and the risk is that this **makes the 2-3.5% loses on Wall St look ripe for a further shake-down** (as futures suggest).
- [UST Yields Slump](#): Yields have caved in, with the 2Y down ~70bp from a week ago and 10Y slumping close to 50bp.
- [UST Yield Curve Bull Steepen](#): The 20bp bull steepening has decimated yield curve inversion to a mere 2bp.
- [Inversion Fades ...](#): compared to **yield curve inversion averaging 35-40bp in H1 this year and mid-2023 peak inversion of ~110bp**.
- [... But “Inversion Implied” Downturn Risks Don’t](#): The inconvenient fact though is that **recession risks flagged by yield curve inversion involve dissipation/reversal if this inversion as the predicted downturn precipitates**.
- [High Bar for Fed Comfort](#): Which is to say the **bull steepening of the UST yield curve may in fact accentuate downturn worries**. In which context, **Fed cuts are not always unequivocal source of relief**.

- [Fed Rate Cuts Just Not Cutting It](#): In fact, markets are decidedly “risk off” despite aggressive Fed rate cut bets. The Fed Funds Futures now suggests 6 rate cuts by Jan 2025 FOMC compared to just 2 as at end-June.
- [Especially on Fed Motivation](#): Fact is, Fed rate cuts perceived to be **after-the-fact recourse to desperately try to arrest an economic swoon** from earlier policy mistakes, are **likely to be (at least initially) “risk off”**.
- [Delicate Perceptions Balance](#): Knowing this, the **Fed must strike a delicate balance to make that distinction between timely and panicked** (cuts). And something has to give.
- [Change Latency, Not Compulsion](#): Especially if the Fed is deemed to be compelled to cut to stave off an uncontrolled descent in the financial markets. So even as we highlighted change latency ahead (See Recap 2 below) at the Jackson Hole symposium later this month, how the Fed will have to target sufficient speed (of change) **but avoid self-defeating haste**.
- [BoJ’s Icarus Bind](#): BoJ is arguably in a greater bind, struggling to credibly backtrack on hawkish guidance that has flown out of control, triggering an unintended Nikkei tailspin.
- [Anti-Goldilocks Icarus](#): In fact, the BoJ’s problem is with extremes. Excessive JPY volatility on both sides. The **antithesis of Goldilocks** JPY response, **conspiring with the tyranny of Icarus** (JPY flies and Nikkei crashes).
- [No Good Policy Options that Won’t cost Credibility](#): Both the Fed and BoJ are now forced to weigh off the credibility damage involved in recanting from the current positions. There are just no good options.
- [Neutral Rates to the Rescue?](#): The BoJ could possibly allude to being close to neutral rates given current exchange rates, external risks and relative global policy settings as dog whistle to moderate rate hike expectations.
- [Dulling JPY Volatility](#): Dulling JPY volatility remains key for the BoJ to stabilize policy, provide greater clarity for exporters and to arrest unintended adverse asset/equity market sell-off.
- [Snapping the JPY “Carry Unwind” Risks](#): As we pointed out<sup>^</sup>, snapping possibly circular transmission between abrupt, unmitigated JPY squeeze and risk asset meltdown is critical to backstop global markets sentiments.
- [Dollar Down on Fed Cut Bets](#) For now, post-NFP jobs data gloom, consequent bets on rate cuts and corresponding collapse in UST yields have *knocked back the USD*.
- [But EM FX Gains At Odds with “Risk Off”](#): **But** persistent “risk off” is not ordinarily consistent with EM FX gaining on the USD. More so, amid unwinding “carry trades”.
- [CNH Gains Relative, Not Resolution](#): Knowing this, it is best to remain grounded about CNH gains being a relative artefact of broad-based USD weakness amid slumping UST yields. And not a resolution of underlying CNH pressures imposed by structural geo-economic woes amid chronic confidence deficit.
- [Politburo Pain Relief, Not Panacea](#): Point being, the Politburo measures (as welcome as they are!) to boost consumption offer some pain relief, but far from a panacea for about employment woes and wealth gaps/erosion are persistent bugbears weighing on confidence.
- [AUD Hamstrung ...](#): The AUD meanwhile may also be hamstrung, already having broken ranks with more distinct AXJ gains against the USD elsewhere.  
[... as RBA is Compromised](#): RBA hike prospects have not only diminished post-CPI, but with wider market risks, *rate cuts bets will begin to feature sooner rather than later*.

- [AXJ Bull Trap?](#): A potential bull trap for AXJ (EM Asia FX) cannot be ruled out if the knee-jerk gains vs. the USD extend.
- [Amid “Risk Off” USD Demand](#): Especially if risk sentiments deteriorate further. In which case USD weakness on Fed pivot bets are likely to be supplanted by generalized “risk off” and exports dampening effects associated with softer US aggregate demand.

\* Reference to the Greek mythology of Icarus, who flew (with winds strapped on by wax) too close to the sun, only to fatally crash when the wax fastening the wings melted.

\*\*Sahm rule: If the 3-month average unemployment rate rises 50bp (0.5%-pt) above the lows for the preceding 12 months, a recession is likely.

^ Please refer to our Note from Friday (see below)

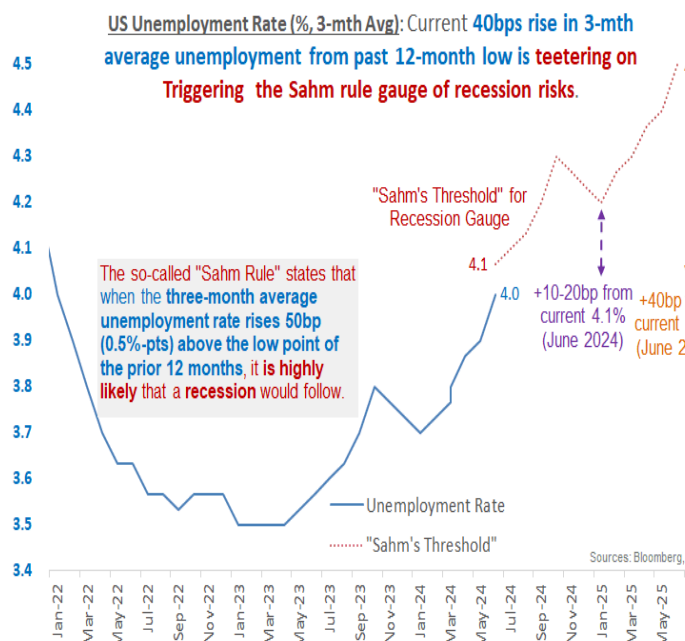
### Recap 1 (Excerpts):

[Macro Themes – Electing Goldilocks. 15<sup>th</sup> July 2024](#)

#### US Jobs: Sahm Thoughts

“Many of the truths that we cling to depend on our viewpoint.” – Obi-Wan Kenobi, Star Wars, Return of the Jedi

- .....
- Nonetheless, **recession risks** are **rising by some measures**, which in turn **could challenge the “risk on” aspects of Fed rate cut bets.**



- Notably, **“Sahm rule” gauge\*** that tracks dynamic jobs markets shifts as forewarning is **only fractionally shy of recession warning.**
- For sustained recession risks, it would **only take a durable (but gradual) 0.3-0.4%-pts pick-up in unemployment rate** to 4.4-4.5% (from 4.1% in June) by mid-2025 as per Sahm rule.
- In turn, this **flags risks of “Type-2” policy mistake of “too high for too long” Fed policy** as a matter of inherited policy bias.

\*Sahm rule: If the 3-month average unemployment rate rises 50bp (0.5%-pt) above the lows for the preceding 12 months, a recession is likely.

### Recap 2:

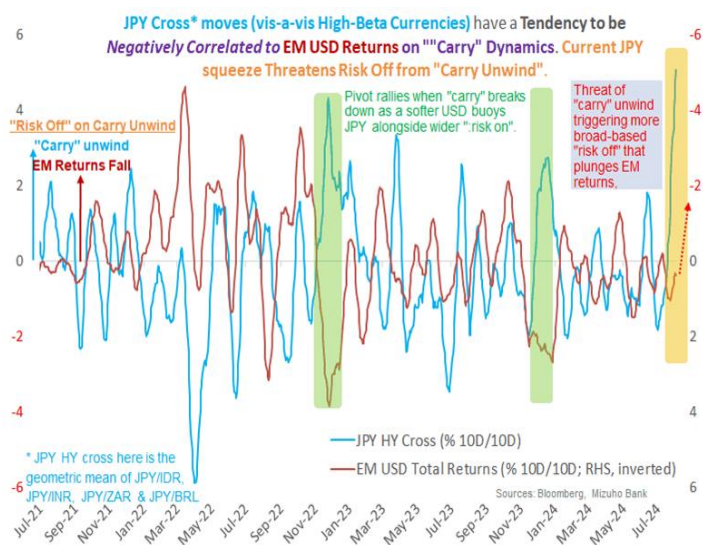
[Macro Themes – Changing Minds, 29<sup>th</sup> July 2024](#)

#### Fed’s Pivot Latency

- On that note, this week’s **July FOMC**, *despite being pegged as a non-event*, **could still be a significant driver** of (possibly even dominate) *UST, USD* and *“risk” triggers*.
- Especially as **latency for a change in policy calculus/response grows**; as **obsession over sticky inflation** (from the baggage of being wrong-footed by “transitory”) is **confronted by the growing**, and **non-linear, downside risks to jobs/consumption.**
- Admittedly, **overt concerns about softening jobs and strained consumer resilience**, led by *Fed’s Dudley declaring “I have changed my mind (from higher for longer) ... the Fed should cut now”*, are not mainstream yet.
- Nonetheless, there is **scope for Fed rhetoric to temper “higher for longer” more distinctly.**
- To that end, Fed Chair Powell’s *press conference is key to watch* as a potential trigger for July.
- The **absence of dovish concessions at the July FOMC** though is **not a denial of change latency, but merely deferment** to such shift in policy calculus **to a more informed (by data) “Jackson Hole”** \* in August.

\*Admittedly, the 2024 Jackson Hole Symposium topic (to be held 22-24 Aug), “*Reassessing the Effectiveness and Transmission of Monetary Policy*”, appears to be poised for “higher for longer” arguments.

## JPY & Risks: Neither "Carry" Nor Calm



“A man that flies from his fear may find that he has only taken a short cut to meet it.” – J.R.R Tolkien

- The **JPY squeeze** since 10<sup>th</sup> July\* has been **particularly acute**, with the JPY *surging some 8-9% in just over 3 weeks*.
- This has inevitably resulted in **some degree of unwind in JPY-funded “carry trades”**.
- Specifically, as the sharp JPY surge imposes **exchange-rate losses that overwhelm “carry” returns** (from JPY-funded investments in high-yielding assets), ultimately forcing liquidation.
- The silver lining is that **a wider contagion that triggers a sustained meltdown in EM/risk assets** have been *averted thus far*.
- Partly because the **JPY squeeze**, and **resultant “carry unwind”**, has been *due to a build-up of events\*\**, not an uncontrolled blowout of risk aversion.
- But the **dark clouds of adverse feedback loop** between **“carry” liquidation and “risk off” contagion** cannot be ignored.
- Point being, the sheer magnitude of JPY squeeze warns of a more emphatic “carry”

liquidation with knock-on impact on risk assets.

- Especially **if JPY-equities and JPY-EM FX correlations turn profoundly and pervasively negative**.
- *Counsel to “keep calm and carry on” will get no love*.
- But to avoid self-reinforcing panic, is perhaps **the more critical thing** for markets to avert a deeper sell-down.
- That said, **caution rules the roost** as sustained JPY/CNY wedge favours keeping away from HY Cross/JPY.

\*Corresponding to a plunge in USD/JPY from 162 to sub=150  
\*\* From Trump’s rant on exchange rate/mercantilism to opportunistic intervention on the “Trump trigger” to BoJ rate hike.

**MARKET COMMENTARY DISCLAIMER****THIS DOCUMENT IS NOT A RESEARCH REPORT AND IS NOT INTENDED AS SUCH.**

Unless stated otherwise in the country specific distribution information below, this document has not been prepared in accordance with legal requirements in any country or 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. It is intended for informational purposes only and does not purport to make any investment recommendations.

This document has been prepared solely for the information of the intended recipients. Recipients in any jurisdiction should contact your usual Mizuho contact in relation to any matters arising from, or in connection with, this document.

This document has been prepared by Mizuho Bank, Ltd., Singapore Branch (“MBSG”), a full bank, exempt capital markets services entity and exempt financial adviser regulated by the Monetary Authority of Singapore (“MAS”), Mizuho Bank, Ltd., Hong Kong Branch (“MBHK”), a licensed bank regulated by the Hong Kong Monetary Authority, with business address at 12/F, K11 Atelier, 18 Salisbury Road, Tsim Sha Tsui, Kowloon, Hong Kong, Mizuho Bank, Ltd., Sydney Branch, an authorised deposit-taking institution regulated by the Australian Prudential Regulation Authority and holder of an Australian financial services licence (“MBAU”), Mizuho Securities Asia Limited (“MHSA”), licensed and regulated by the Hong Kong Securities and Futures Commission and/or Mizuho Securities (Singapore) Pte. Ltd. (“MHSS”), a holder of a capital markets services licence and an exempt financial adviser regulated by the MAS, as the case may be.

**This does not constitute investment or personal advice.**

This document has been prepared solely for the purpose of supplying general market information and/or commentary for general information purposes to clients of MBSG, MBHK, MBAU, MHSA, MHSS and their affiliates (collectively, “Mizuho”) to whom it is distributed, and does not take into account the specific investment objectives, financial situation or particular needs of any client or class of clients and it is not prepared for any client or class of clients.

**This is not an offer or solicitation.**

This document is not and should not be construed as an offer to buy or sell or solicitation to enter into any transaction or adopt any hedging, trading or investment strategy, in relation to any securities or other financial instruments.

**Mizuho shall have no liability for contents.**

This document has been prepared solely from publicly available information. Information contained herein and the data underlying it have been obtained from, or based upon, sources believed by Mizuho to be reliable, but no assurance can be given that the information, data or any computations based thereon are accurate or complete and Mizuho has not independently verified such information and data. Mizuho is not obliged to update any of the information and data contained in this document.

Mizuho makes no representation or warranty of any kind, express, implied or statutory, regarding, but not limited to, the accuracy of this document or the completeness of any information contained or referred to in this document. Mizuho accepts no liability and will not be liable for any loss or damage arising directly or indirectly (including special, incidental or consequential loss or damage) arising from or in connection with any person's use or reliance of this document or the information contained in this document.

**Information contained herein is no indication of future performance.**

Some of the statements contained in this document may be considered forward-looking statements which provide current expectations or forecasts of future events. Any opinions, projections, forecasts and estimates expressed in the document are solely those of Mizuho based on factors it considers relevant as at the date of the document and are subject to change without notice. Past performance is not indicative of future performance. Consequently, no expressed or implied warranty can be made regarding the projections and forecasts of future performance stated therein.

**This material is confidential.**

This document is intended for the exclusive use by the recipients, and is provided with the express understanding that the information contained herein will be regarded and treated as strictly confidential. All recipients may not reproduce or use this document in whole or in part, for any other purpose, nor disclose, furnish nor distribute this document to any other persons without the prior written permission of Mizuho. Any such reproduction, use, delivery or distribution in form or to any jurisdiction may be effected only in accordance with all applicable laws and regulations in the relevant jurisdiction(s).

**Disclosure regarding potential conflicts of interest.**

Mizuho, its connected companies, employees or clients may at any time, to the extent permitted by applicable law and/or regulation, take the other side of any order by you, enter into transactions contrary to any recommendations contained herein or have positions or make markets or act as principal or agent in transactions in any securities mentioned herein or derivative transactions relating thereto or perform or seek financial or advisory services for the issuers of those securities or financial instruments referred therein. Accordingly, Mizuho, its connected companies or employees may have a conflict of interest that could affect the objectivity of this document. This document has been prepared by employees who may interact with Mizuho's trading desks, sales and other related personnel when forming the views and contents contained within.

**Financial instruments may not be for sale to all categories of investors.**

There are risks associated with the financial instruments and transactions referred to in this document. Investors should not rely on any contents of this document in making any investment decisions and should consult their own financial, legal, accounting and tax advisors about the risks, the appropriate tools to analyse an investment and the suitability of an investment in their particular circumstances. Mizuho is not responsible for assessing the suitability of any investment. Investment decisions and the responsibility for any investments are the sole responsibility of the investor. Neither Mizuho nor of its directors, employees or agents accepts any liability whatsoever with respect to the use of this document or its contents.

**WARNING: THE CONTENTS OF THIS DOCUMENT HAVE NOT BEEN REVIEWED BY ANY REGULATORY AUTHORITY. YOU ARE ADVISED TO EXERCISE CAUTION IN RELATION TO SUCH CONTENTS. THIS DOCUMENT IS NOT INTENDED TO CONSTITUTE ANY INVESTMENT, LEGAL, FINANCIAL, BUSINESS, ACCOUNTING, TAXATION OR OTHER ADVICE. IF YOU ARE IN ANY DOUBT AS TO THE ACTION YOU SHOULD TAKE, YOU SHOULD SEEK PROFESSIONAL ADVICE FROM YOUR RELEVANT ADVISERS ABOUT YOUR PARTICULAR CIRCUMSTANCES. YOU ARE RESPONSIBLE FOR YOUR OWN INVESTMENT CHOICES.**

This document is not directed to, or intended for distribution to or use by, any person who is a citizen or resident of, or entity located in, any locality, territory, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to or restricted by law or regulation. Persons or entities into whose possession this document comes should inform themselves about and observe such restrictions.

**COUNTRY SPECIFIC DISTRIBUTION INFORMATION**

**Australia:** This document is intended only for persons who are sophisticated or professional investors for the purposes of section 708 of the *Corporation Act 2001* (Cth) of Australia (“*Corporations Act*”), or “wholesale clients” for the purpose of section 761G of the *Corporations Act*. It is not intended for and should not be passed on, directly or indirectly, to other classes of persons/investors in Australia. In Australia, Mizuho Bank, Ltd. Sydney Branch (“MBSO”) is an authorised deposit-taking institution regulated by the Australian Prudential Regulation Authority in accordance with the *Banking Act 1959* (Cth), and holds an Australian financial services licence number 231240 (AFSL). Mizuho Securities Asia Limited (ABRN 603425912) and Mizuho Securities (Singapore) Pte. Ltd. (ARBN 132105545) are registered foreign companies in Australia and are each exempt from the requirement to hold an AFSL under the *ASIC Corporations (Repeal and Transitional) Instrument 2023/588*. MHSA is licensed by the Hong Kong Securities and Futures Commission under Hong Kong laws and MHSS is licensed by the Monetary Authority of Singapore under Singapore laws, which laws differ from Australian laws respectively.

**Costa Rica:** Nothing in this document constitutes a representation that any investment strategy or recommendation contained herein is suitable or appropriate to a recipient's individual circumstances or otherwise constitutes a personal recommendation. This document is published solely for information purposes, it does not constitute an advertisement and is not to be construed as a solicitation or an offer to buy or sell any securities or related financial instruments. In accordance with local laws, it does not constitute a public offering of securities under Regulations for Public Offering of Securities (National Counsel of Financial System Supervision, article 11 of Session Act 571-2006), and therefore cannot be understood and interpreted as an implicit or explicit offering that intends to place, issue, negotiate or trade securities transmitted by any means to the public or to certain groups. This document will not be disclosed to groups of more than 50 investors.

**Guatemala:** This document does not constitute an offering under the rules of the Ley del Mercado de Valores y Mercancías (Stock Exchange Act, Decree 34-96 of the Congress of the Republic of Guatemala), and any of its amendments, including without limitation, Decree 49-2008 of the Congress of the Republic of Guatemala, and its applicable regulation (Governmental Accord 557-97). The document will not be registered for public offering with the Securities Market Registry of Guatemala (Registro del Mercado de Valores y Mercancías), because the products will not be offered or sold: (1) to any person in an open market, directly or indirectly, by means of mass communication; (2) through a third party or intermediary to any individual person or entity that is considered an institutional investor, including entities that are under the supervision of the Guatemalan Superintendency of Banks (Superintendencia de Bancos), the Guatemalan banking regulator, the Guatemalan Social Security Institute (Instituto Guatemalteco de Seguridad Social) and its affiliates; (3) through a third party or intermediary to any entity or vehicle used for purposes of collective investment; or (4) to more than 35 individual persons or entities.

**Hong Kong:** This document, when distributed in Hong Kong (“HK”), is distributed by MHSA or MBHK, depending of the Mizuho entity which you are a client of.

**Japan:** This document is intended only for certain categories of persons to whom a foreign securities broker is allowed to carry out regulated activities under the relevant articles of the Financial Instruments and Exchange Act (the “Act”) and the subordinate legislative instruments (as amended), including but not limited to Financial Services Providers who are engaged in an Investment Management and certain Financial Institutions subject to conditions and limitations in Article 17-3(i) of the Order for Enforcement of the Act. It is solely for the use of such investors and shall not be distributed, forwarded, passed on or disseminated to any other person. This document is solely for the purpose of supplying general information and shall not constitute any investment or financial advice in relation to any products or services.

**Malaysia:** These documents shall be distributed solely to existing subscribers or clients of Mizuho Securities, and do not constitute an invitation, offer, or recommendation to subscribe for or purchase any securities mentioned therein. These materials also do not, whether directly or indirectly, refer to a prospectus in respect of securities of a corporation; in the case of a unit trust scheme or prescribed investment scheme, a prospectus in respect of any unit of the unit trust scheme or prescribed investment scheme, as the case may be; an issue, intended issue, offer, intended offer, invitation or intended invitation in respect of securities; or another notice that refers to a prospectus in relation to an issue, intended issue, offer, intended offer, invitation or intended invitation in respect of securities. Whilst there may be statements concerning securities and/or derivatives of a certain corporation or entity in these materials, we wish to highlight that these do not constitute, whether directly or indirectly, any form of advice, recommendation, encouragement, promotion, analysis, report or inducement to take any action, i.e., to buy, sell, or hold any securities and/or derivatives, nor is it a form of inducement for the reader to take any position regarding a particular class, sector, or instrument in relation to the securities and/or derivatives so mentioned.

**New Zealand:** This document is intended only for persons who are “wholesale investors” and “wholesale clients” under the Financial Markets Conduct Act 2013 (“FMCA”), as persons who are an “investment business”, meet relevant investment activity criteria, are “large” or are a “government agency”, in each case within the meaning of clauses 37 to 40 of Schedule 1 of the FMCA. It is not intended for, and should not be reproduced or distributed in any form to any other person in New Zealand. This document is distributed in New Zealand by MHSA or MHSS, which are licensed in their respective jurisdictions but are not registered as overseas companies or financial service providers in New Zealand or licensed under the FMCA. Nothing in this document constitutes or is supplied in connection with a regulated offer nor an offer to the public within the meaning of the FMCA.

**Singapore:** This document is distributed in Singapore by MBSG or MHSS, a holder of a capital markets services licence and an exempt financial adviser regulated by the MAS. Nothing in this document shall be construed as a recommendation, advertisement or advice to transact in any investment product mentioned herein.

Where the materials may contain a recommendation or opinion concerning an investment product, MHSS is exempted from complying with sections 34, 36 and 45 of the Financial Advisers Act 2001 of Singapore. This document is only intended for distribution to “institutional investors”, “accredited investors” or “expert investors”, as defined under the Financial Advisers Regulations, and is solely for the use of such investors. It shall not be distributed, forwarded, passed or disseminated to any other person.

**South Korea:** This document is distributed in South Korea by Mizuho Securities Asia Limited, Seoul branch solely acting as a broker of debt securities under the Korea Financial Investment Services and Capital Markets Act.

**Switzerland:** This document is not intended to be relied upon as a forecast, research or investment advice, and is not a recommendation, offer or solicitation to buy or sell any financial instrument or to adopt any investment strategy mentioned in this document. The information contained on this document shall not be construed to be an advertisement for any of the financial instruments or services mentioned herein.

**Taiwan:** This document distributed via MHSA or MHSS from outside Taiwan shall not be re-distributed within Taiwan and does not constitute recommendation of, and may not be used as a basis for recommendation of, securities within Taiwan. This document may not be distributed to the public media or used by the public media without prior written consent of MHSA or MHSS (as the case may be).

**Thailand:** This document does not constitute any investment or financial advice or any general advice in relation to any products or services and, when distributed in Thailand, is intended only for “institutional investors”, as defined in the Notification of the Office of the Securities and Exchange Commission No. Gor Thor. 1/2560 Re: Provision of Advice to the Public which is not classified as the undertaking of Investment Advisory Business dated 12 January 2017 (as amended). It is solely for the use of such investors and shall not be distributed, forwarded, passed on or disseminated to any other person. The distribution of this document to such institutional investors in Thailand, is solely for the purpose of supplying general information, without charge. It neither constitutes any intention to conduct, or any engagement in any securities business, service business, investment or financial advisory business, or any other business in Thailand, for which Thai licensing is required, nor marketing, offering, solicitation or sale of any products, securities, or services to customers, potential customers or any person in Thailand.

**United Arab Emirates (excluding the Dubai International Financial Centre and the Abu Dhabi Global Market):** This document is intended only for persons who qualify as professional investors as defined in the Securities and Commodities Authority (“SCA”) Rulebook. It is not intended for or should not be passed on, directly or indirectly, to other classes of persons/investors in the United Arab Emirates. The contents of this document have not been reviewed or approved by, or deposited with, the Central Bank of the United Arab Emirates, SCA or any other regulatory authority in the United Arab Emirates. If you do not understand the contents of this document you should consult an authorised financial adviser.

**United Kingdom / Germany / European Economic Area:** This document is being distributed in the United Kingdom by Mizuho International plc (“MHI”), 30 Old Bailey, London EC4M 7AU. MHI is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority and is a member of the London Stock Exchange. This document may be distributed in the European Economic Area by MHI or Mizuho Securities Europe GmbH (“MHEU”), Taunustor 1, 60310 Frankfurt, Germany. MHEU is authorised and regulated by the Bundesanstalt für Finanzdienstleistungsaufsicht (“BaFin”). For the avoidance of doubt this report is not intended for persons who are Retail Clients within the meaning of the FCA’s or the BaFin’s rules. Details of organizational and administrative controls for the prevention and avoidance of conflicts of interest can be found at <https://www.mizuhoemea.com>.

**United States:** This document is being distributed in the United States by Mizuho Securities USA LLC (“MSUSA”) and is the responsibility of MSUSA. The content of publications distributed directly to US customers by non-US members of Mizuho Securities is the responsibility of such member of Mizuho Securities which distributed it. US investors must affect any order for a security that is the subject of this document through MSUSA. For more information, or to place an order for a security, please contact your MSUSA representative by telephone at 1-212-209-9300 or by mail at 1271 Avenue of the Americas, New York, NY 10020, USA. MSUSA acts as agent for non-US members of Mizuho Securities for transactions by US investors in foreign sovereign and corporate debt securities and related instruments. MSUSA does not guarantee such transactions or participate in the settlement process.

© Mizuho Bank, Ltd. (“MHBK”), MHSA and MHSS. All Rights Reserved. This document may not be altered, reproduced, disclosed or redistributed, or passed on to any other party, in whole or in part, and no commercial use or benefit may be derived from this document without the prior written consent of MHBK, MHSA or MHSS.