Economics & Strategy | Asia ex-Japan

12 - 30 March 2024

Vishnu Varathan, Chief Economist Tan Boon Heng, Market Economist Tan Jing Yi, Market Economist

# GDP

GDP Growth Forecasts (% YoY)

	20	22	2023				20	24		2025		2022	2023	2024	2025	
Country	<b>Q</b> 3	<b>Q</b> 4	Q1	Q2	<b>Q</b> 3	<b>Q</b> 4	<b>Q1</b>	Q2	<b>Q</b> 3	<b>Q</b> 4	Q1	Q2	(FY22/23)	(FY23/24)	(FY24/25)	(FY25/26)
Australia	5.8	2.3	2.4	2.0	2.1	1.5	1.5	1.5	1.7	2.0	2.1	2.2	3.7	2.0	1.7	2.2
China	3.9	2.9	4.5	6.3	4.9	5.2	4.4	3.7	4.8	4.8	4.7	4.8	3.0	5.2	4.5	4.3
India	6.2	4.5	6.2	8.2	8.1	8.4	6.9	7.0	6.2	6.4	5.9	5.6	6.7 (7.2)	7.2 (7.4)	6.6 (6.4)	5.8 (5.7)
Indonesia	5.7	5.0	5.0	5.2	4.9	5.0	5.1	4.9	5.0	5.2	4.9	5.0	5.3	5.0	5.0	5.1
Malaysia	14.2	7.0	5.6	2.9	3.3	3.0	3.8	3.8	3.3	4.5	4.5	4.8	8.7	3.7	4.0	4.6
Philippines	7.7	7.1	6.4	4.3	5.9	5.6	5.3	5.6	5.3	5.2	5.4	6.2	7.6	5.6	5.2	6.0
Singapore	4.0	2.1	0.5	0.5	1.0	2.2	2.5	2.3	2.0	2.2	2.3	2.4	3.7	1.1	2.3	2.3
Korea	3.1	1.4	0.9	0.9	1.4	2.2	2.7	2.9	3.2	3.4	2.9	2.8	2.6	1.4	3.0	2.7
Taiwan	3.6	-0.4	-2.9	1.4	2.2	4.9	5.8	4.6	3.4	2.9	3.0	2.8	2.5	1.4	4.1	2.9
Thailand	4.6	1.4	2.7	1.8	1.5	1.7	2.4	3.4	4.0	4.5	4.0	3.6	2.6	1.9	3.6	3.8
Vietnam	14.4	5.9	3.3	4.1	5.3	6.7	5.6	5.5	5.0	5.1	5.2	5.5	8.0	5.1	5.3	5.4

MIZUHO

<u>Growth</u>:

As 2024 begins in earnest, 'soft landing' hopes remain high. Especially as markets converge on the view of peak rates transitioning to rate cuts fairly quickly, fuelled by an ardent belief of "immaculate dis-inflation". That this is in defiance of central banks/Fed pushing back on the timing and depth of cuts to be expected is one thing. But trouble is, completely averting a global downturn, constituting a not-so-soft landing, looks like a rather high bar.

Point being, global growth remains liable for a bumpy ride and air-pockets given a conspiracy of;

- i) lagged policy tightening (and a post-Volcker record at that!);
- ii) moderation in post-pandemic services consumption surge as excess savings are depleted;
- iii) lingering geo-political risks and;
- iv) higher risks of "crowding out" (amid government spending, including military);

Moreover, global economic prospects are highly uneven – both across sectors and geographies. For one, the macro narrative of US exceptionalism seemingly unfettered by policy tightening is in sharp contrast to China's precarious policy backstop; as Beijing's belated stimulus, hobbled by conflicted objectives, falls short of restoring confidence (that is in woefully short supply). Meanwhile US Presidential elections may amplify rather than supplant geo-political (US-China as well as Russia/Gaza conflict) risks.

In Europe and UK, **remnant hawkish flex** is **at odds with recessionary risks** amplified by geo-political vulnerabilities. And that spells accentuated odds of global policy mistake a priori and heightened volatility from uncertainty and/or "competitive pivot" ex-post (on catch down rate cuts). Across global commerce, the **Al-boost provides a stronger basis of semiconductor rebound**, that may lift manufacturing generally. **But** this is **from a very low base**. And **in narrow terms** that is **unlikely to overturn headwinds elsewhere**.

The upshot is that Fed-led global central bankers' *abilities to achieve a "soft landing" are overstated* as exceptionally **lagged impact from credit tightening underappreciated**; especially as **fizzling post-pandemic consumer boost may be under-accounted for**. Meanwhile **geo-political** and **fiscal risks loom large** in a world grappling with the dangers of fragmentation that necessarily loses gains from comparative advantages.

# Inflation

										0005						
Country	2022		2023			2024			2025		2022	2023	2024	2025		
Country	<b>Q</b> 3	Q4	Q1	Q2	<b>Q</b> 3	Q4	Q1	Q2	<b>Q</b> 3	Q4	<b>Q1</b>	Q2	(FY22/23)	(FY23/24)	(FY24/25)	(FY25/26)
Australia	7.3	7.8	7.0	6.0	5.4	4.1	3.6	3.3	3.1	3.2	3.1	3.0	6.6	5.6	3.3	3.1
China	2.7	1.8	1.3	0.1	-0.1	-0.3	0.2	0.5	0.9	2.4	2.5	1.9	2.0	0.2	1.0	1.6
India	7.0	6.1	6.2	4.6	6.4	5.4	4.7	5.5	3.9	6.0	6.3	6.0	6.7 (6.7)	5.6 (5.3)	5.0 (5.4)	5.8 (5.6)
Indonesia	5.2	5.6	5.2	4.0	2.9	2.7	2.8	3.3	3.2	2.9	3.0	3.1	4.2	3.7	3.1	3.0
Malaysia	4.5	3.9	3.6	2.8	2.0	1.6	1.8	2.5	2.9	2.9	2.8	2.4	3.4	2.5	2.6	2.1
Philippines	6.5	7.9	8.3	6.0	5.4	4.3	3.1	4.1	3.5	3.2	2.7	2.9	5.8	6.0	3.5	2.8
Singapore	7.3	6.6	6.1	5.1	4.1	4.0	3.1	3.5	3.2	3.5	3.2	2.9	6.1	4.8	3.3	3.3
Korea	5.9	5.2	4.6	3.3	3.1	3.4	3.0	3.6	3.3	3.0	3.1	2.8	5.1	3.6	3.2	3.0
Taiwan	2.9	2.6	2.6	2.0	2.5	2.9	2.4	2.7	2.5	2.3	2.0	1.9	3.0	2.5	2.5	2.0
Thailand	7.3	5.8	3.9	1.1	0.5	-0.5	-0.9	0.1	0.5	0.9	1.7	1.6	6.1	1.3	0.2	1.6
Vietnam	3.3	4.4	4.2	2.4	2.9	3.5	3.7	3.6	3.4	3.3	3.8	3.6	3.2	3.3	3.5	3.6

## Inflation Forecast (%YoY)

## Inflation:

The silver lining is that dis-inflation dynamics, *if sustained,* appear to be on track to reach global central bank targets, and/or within comfort threshold in the next 12-18 months. Crucially, and exceptionally high peak inflation well behind us; with headline peaking in 2022 and the sticky core relenting in 2023.

But the danger is that it goes relatively unnoticed that the **outlook on inflation risks is obscured**; with visibility far lower than backward-looking inflation trajectory would suggest. Point being, *neither* the risk of *volatile inflation dynamics, with potential for '70s-style resurgence, nor much sharper than expected dis-inflation* may be confidently ruled out. And being lulled into premature comfort about dis-inflation that amplifies susceptibility **to pitfalls of central bank policy being caught lamentably wrong-footed**.

The key points to note are that **cyclically, two-way inflation risks are accentuated**. <u>On one hand</u>, in the very nearterm, *sudden geo-political flares* could unleash *convulsions of cost shocks* via **energy prices/shipping costs**. Especially if a wider spill-over from Gaza to Iran/Lebanon/Red Sea/Straits of Hormuz collide with other aspects of supply side shocks – including **food**. Yet <u>on the other</u>, heading further out into 2024, *adverse demand shocks* from sudden, lagged downturn may set off *dis-inflationary, if not deflationary price forces*.

Interestingly, consequent **inflation risks have the propensity to play out unevenly** across economies. US notably being better buffered against energy shocks given its record crude output, while Europe bears the brunt. **EM Asia's inflation also rendered stickier and more volatile** given generally higher energy and food imports/exposures amid follow-through tourism-induced services inflation pick-up. In addition, **inflation risks/outcomes within EM Asia** are also set to be **far more differentiated**; given as currency impact amid "twin deficit" risks and capacity for fiscal buffer vary considerably across Asian economies.

Insofar that this volatile and variable inflation risk has implications on abrupt shifts in real spreads and associated capital outflow/currency stability risks that feedback into imported inflation, this means that there is a certain **risk premium associated with second-guessing and/or leap-frogging the Fed on rate cuts**.

Looking ahead, geo-political risks add a structural element of inflation from *supply-chain fragmentation* (if not fracture), over and above security costs entailing *inefficiencies from hoarding* strategic stockpiles as well as circumventing sanctions/restrictions. And so, beyond near-term dis-inflation, the more durable question is about underlying inflation trends and sustainable/viable central bank inflation targets.

# **Central Bank Forecasts**

Central Bank Policy Outlook

Country	Central	20	22		20	23			20	2025			
Country	Bank	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
US	Fed	3.00-3.25%	4.25-4.50%	4.75-5.00%	5.00-5.25%	5.25-5.50%	5.25-5.50%	5.25-5.50%	5.00-5.25%	4.25-4.50%	3.50-3.75%	3.00-3.25%	2.75-3.00%
Australia	RBA	2.35%	3.10%	3.60%	4.10%	4.35%	4.35%	4.35%	4.35%	4.00%	3.50%	3.25%	3.25%
China	PBoC	3.65%	3.65%	3.65%	3.55%	3.45%	3.45%	3.45%	3.20%	3.20%	3.20%	3.20%	3.20%
India	RBI	5.90%	6.25%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.00%	5.50%	5.25%	5.00%
Indonesia	BI^	4.25%	5.50%	5.75%	5.75%	5.75%	6.00%	6.00%	6.00%	5.50%	5.25%	5.00%	5.00%
Malaysia	BNM	2.50%	2.75%	2.75%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Philippines	BSP	4.25%	5.50%	6.25%	6.25%	6.25%	6.50%	6.50%	6.50%	6.00%	5.50%	5.25%	5.25%
		Off-Cycle Re-	Re-centring Higher to					S: 2%	S: 2%	S: 1%	S: 0.5%	S: 0.5%	S: 1%
Singapore	MAS*	Higher to	Prevailing	Status Quo		Status Quo		M: Hold					
		Prevailing S\$NEER	S\$NEER (S: 2.0%)					W: Hold					
Korea	BoK	2.50%	3.25%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.00%	3.00%	3.00%	3.00%
Taiwan	СВС	1.625%	1.750%	1.875%	1.875%	1.875%	1.875%	1.875%	1.875%	1.875%	1.750%	1.750%	1.750%
Thailand	ВоТ	1.00%	1.25%	1.75%	2.00%	2.50%	2.50%	2.50%	2.25%	2.00%	1.75%	1.75%	1.75%
Vietnam	SBV	5.00%	6.00%	5.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.00%	4.00%	4.00%

Starting 2024, the MAS will conduct quaterly meetings (Jan, Apr, Jul, Oct) from bi-annual meetings.

S: Slope (expressed as per annum % appreciation), M: Mid-Point, W: Width of S\$NEER

^ BI shifted to the 7 Day repurchase rate as the benchmark rate in August 2016. This by default constituted 125 bps reduction from the last policy rate

- EM Asia Central Banks: Ironically, the Fed beginning to consider rate cuts may still entail precarious policy calculus. Mainly as scope for associated cuts may not coincide (timing) or correspond (in terms of depth) with the Fed. Specifically, shifting inflation differentials and risks of USD strength (from "risk off" and/or "competitive pivot") are critical determinants limiting front-running. For now patience precedes cautious paring of rates later in 2024.
- Australia (RBA): More balanced risks suggest a default hold though services stickiness accentuates "for longer".
- **China (PBoC)**: Tensions between addressing deflation risks (amid wider deflationary dynamics from confidence deficit) and ensuring currency stability limit the extent of monetary policy easing. Measured rate (10-30bp) and another 50bo of RRR (after Feb's 50bp cut). CNY backstop taking precedence, so fiscal levers to boost.
- India (RBI): Inflation pullback creates space for reluctant RBI hawks to hold off on further hikes. But on the other hand, inherent inflation volatility and surge in unsecured credit uptake could also dampen rate cuts.
- Indonesia (BI): Despite external demand drag (via commodities) and subdued inflation, risks to IDR stability amid C/A slippage and less favourable real rate spreads hampers rate cuts until more emphatic Fed lead.
- **Malaysia (BNM)**: Prolonged, somewhat discomforting hold, amid policy tensions between ringgit pressures and soft spots/inflation. Measured rate cut room later in 2024 amid semiconductor pick up against subsidy reduction.
- Philippines (BSP): Persistent upside risks to inflation amid "twin deficit" vulnerabilities that undermine the PHP (comparatively more than other AXJ) means that the BSP cannot shed inflation vigilance/tightening bias; regardless of the Fed's perceived shifts in stance. Likely to have space only safely after (and less than) Fed cuts.
- Singapore (MAS): Current policy restriction to be retained as sticky inflation narrowly edges out non-negligible growth risks. A bout of late-2023 USD weakness increases imported inflation buffer. And so, any policy move in late-2024 more likely to be easing (albeit calibrated via slope) in response to adverse growth shocks.
- **South Korea (BOK)**: BoK hikes are done given well-anchored dis-inflation dynamics. Measured cuts in 2024 likely to be determined by the interaction between semiconductor recovery and wider external demand shocks.
- **Taiwan (CBC)**: Growth risks have held back hikes while inflation risks imply cuts are a high bar with lower beta.
- **Thailand (BOT)**: Absent fresh inflationary shocks, the BoT's next move (albeit committed to an interim hold), will be to cut. Degree and pace of cuts though may be calibrated; as impact of 2024 fiscal transfers are assessed.
- Vietnam (SBV): Macro-//ND-stability risks amid stretched fiscal position suggest interim restraint on further cuts.

FX Fo	orecasts						
	FX Forecasts	Mar 24	Jun 24	Sep 24	Dec 24	Mar 25	Jun 25
	USD/CNY	7.07 - 7.28 (7.22)	7.17 - 7.57 (7.42)	6.87 - 7.50 (7.18)	6.83 - 7.34 (7.06)	6.76 - 7.13 (6.95)	6.73 - 7.13 (6.95)
	USD/INR	81.3 - 83.7 (82.2)	82.2 - 86.2 (84.5)	79.2 - 86.4 (83.5)	78.2 - 84.7 (82.0)	78.0 - 83.6 (80.8)	77.2 - 82.3 (79.6)
	USD/KRW	1230 - 1360 (1305)	1220 - 1410 (1325)	1180 - 1350 (1280)	1160 - 1290 (1220)	1150 - 1300 (1200)	1130 - 1230 (1180)
	USD/SGD	1.314 - 1.357 (1.330)	1.314 - 1.388 (1.365)	1.310 - 1.395 (1.353)	1.292 - 1.366 (1.328)	1.286 - 1.345 (1.322)	1.304 - 1.370 (1.330)
	USD/TWD	30.2 - 32.3 (31.6)	31.2 - 33.8 (32.2)	29.6 - 32.5 (31.5)	29.1 - 31.6 (30.0)	28.6 - 30.7 (29.5)	28.5 - 30.6 (29.4)
	USD/IDR	15140 - 16250 (15500)	15080 - 16290 (15710)	15020 - 16160 (15520)	15010 - 15830 (15350)	15010 - 15810 (15200)	14710 - 15970 (15200)
	USD/MYR	4.61 - 4.81 (4.67)	4.41 - 4.72 (4.64)	4.42 - 4.77 (4.68)	4.42 - 4.80 (4.61)	4.39 - 4.77 (4.58)	4.37 - 4.72 (4.58)
	USD/PHP	54.3 - 57.0 (55.8)	54.0 - 57.0 (56.2)	53.7 - 57.0 (56.2)	52.6 - 56.9 (55.2)	52.7 - 56.9 (54.8)	52.2 - 56.9 (54.8)
	USD/THB	34.0 - 36.5 (35.5)	35.0 - 37.6 (36.1)	33.8 - 36.6 (35.2)	33.3 - 36.0 (34.2)	33.1 - 35.4 (34.0)	32.9 - 35.2 (33.8)
	USD/VND	23600 - 24700 (24300)	24000 - 24800 (24500)	24000 - 24600 (24100)	23900 - 24400 (24000)	23700 - 24300 (23900)	23700 - 24300 (23900)
	AUD/USD	0.627 - 0.706 (0.663)	0.609 - 0.673 (0.645)	0.632 - 0.708 (0.660)	0.643 - 0.698 (0.673)	0.638 - 0.719 (0.685)	0.665 - 0.725 (0.690)

## Note: For FX forecasts, level in parentheses pertains to period end forecasts; and the period's range precedes this.

- AUD: The RBA's pullback from tightening bias alongside cracks on consumption and adverse China risks amplified via commodity headwinds suggest a downside risks amid volatility; until enduring H2 2024 rebound.
- CNY: Feet-dipping on stimulus and property backstop continues to impose underlying pressures for capital flight. So absent aggressive PBoC support, CNY risks tip to the downside. Absent a bazooka to fire up confidence, CNY may be on a bumpy path; with policy intervention interrupting depreciation bias until weak USD trend overtakes.
- INR: The paradox of a rupee under-performance despite bullish equities amid growth out-run is hard to ignore, but not hard to ascribe. "Twin deficit", fading Russian oil advantage and stretched credit are conspicuous offenders.
- IDR: C/A slip back into deficit amid softer commodities underlines IDR under-performance risks (vs. AXJ. Evolving yield spreads in the context of fiscal stress require BI backstop for IDR for now. Election risks watched, not fretted.
- MYR: China-induced commodity soft spots, risks entailed in political/policy transitions continue to drag on MYR. BNM constraints and deferred electronics turnaround mean ringgit could be prone to be on the backfoot for H1.
- PHP: Despite 450bps of hikes, PHP policy support has waned quickly; given resurgent and upwardly volatile inflation is exacerbated by "twin deficit" vulnerabilities. Durable USD and UST yield retreat awaited for respite.
- SGD: Mostly exhausted intra-band S\$NEER strength and sustained downside risks in the CNH limit scope for near-term relative SGD out-performance; while wider USD trend drives USD/SGD directionality in H1.
- KRW: Despite Fed pivot, real estate credit risks, linked banking spillover induce downside risks in the absence of overriding USD pullback. Entrenched upturn in AI-driven chips to turn KRW around durably later in 2024.
- TWD: Even as elections risks pass, chips turnaround with solid C/A surplus and net creditor position will merely backstop, not induce bullish rallies initially in 2024. Cautious upside later in 2024 if USD retreats durably.
- THB: Tourism tailwinds are being dented by upsized fiscal worries which may not see clarity until mid-2024. Various fiscal measures appear to dent investor sentiment and push back THB recovery.
- VND: Financial stability risks and inflation-fiscal trade-off mean that VND may remain vulnerable to threats from external demand shocks and thin FX reserves cover; especially if property risks re-emerge.

# FX Forecasts Addendum: Broad-based FX Dynamics

# Q1 2024: Fed Pivot Bets & Goldilocks

Where earlier we had anticipated pronounced recession risks precipitating from lagged policy tightening to hit in Q1, we have now **pushed out the worst of US recession risks out to mid-/late-2024**. *Nonetheless,* measured *softening in US data* coinciding with *conspicuous absence hawkish references to more hikes by Fed speakers* for could prompt **softening in the Greenback**. In fact, this iteration **of USD pullback that is accompanied by "risk on"** as **"pivot" bets** start seeping into the Fed calculus; especially *as a* **"Goldilocks" balance** *of diminished 'US exceptionalism' premium* baked into the USD; but without compromising soft-landing hopes!

It is worth noting that the notion of a controlled landing, rather than an unavoidable crash, may help with a **"Goldilocks"-like scenario**; in which, relief from bets on/signs of Fed pivot are not overwhelmed by acute demand for precautionary/haven demand for USD.

But to be clear, two-way FX volatile will remain a feature. This could be either on account of;

- i) *Fed push-back that unwinds overdone "pivot" bets* with controlled "risk off" on straight pivot unwind, or;
- ii) *"competitive pivot"*, recognizing the odds of ECB/BoE (and other Major central bank) catch down with Fed pivot; which results in USD pick-up (at the expense or EUR or other Majors).

In essence this recognizes the tensions between aggressive USD shorts and relative US exceptionalism. But that said, the wider Fed pivot relief could lend some traction for EM Asia FX in Q1.

# Q2-Q3 2024: Recession Risks!

Although, that support could be brutally reversed into (either side of) mid-2024 as **recession risks from lagged policy tightening hits** more jarringly via credit channels; and potentially via financial shocks. This marks the **critical distinction between**;

- i) Fed pivot amid a soft-landing *engineered by "immaculate dis-inflation"* that spurs "risk on" and;
- ii) **Un-Goldilocks** outcome of sharp(er) **rate cuts because of mounting hard-landing risks**; in which case, **"risk off"** is triggered, and *USD-UST yield correlations flip to negative*.

The reflex here will be for the refuge of the Greenback regardless of expectations for the Fed to cut rates aggressively. Simply because safety takes precedence over meagre returns. Especially as recession risks cast a long shadow on exports-dependent, economies hobbled further by stagflation-type headwinds crimping domestic buffer. This could further dim economic outlook, hence support for FX via growth-based returns allure. Depending on the degree of financial shocks involved, the flight to safety can vary across EM Asia FX. Higher inflation, debt exposures and "twin deficit risks may be amplified.

What's more, a sharp appreciation in the JPY, in accordance with "risk off" triggers also means that the funding currency squeeze accentuates downside pressures in EM Asia FX. Interrupted FDI inflows, exacerbated by capital flight underscore the risks of disorderly correction in AXJ, which may not be adequately offset by higher FX reserves.

And so, we expect AXJ on the whole to slip back further amid recession risks; albeit prone to two-way volatility and differentiated outcomes. Modest recovery off extreme sell-off levels in EM Asia FX as aggressive Fed rates cuts starts to coincide with worst-case recession/markets outcome later into Q3 is reasonable; with Fed pulling stops on QE-type stimulus being a decisive turnaround factor for AXJ (mainly on USD slide).

## Q4 2024: Chasing Rainbows

Heading into late 2024 is when the narrative of sustained EM Asia FX gains currency (no pun intended). This will be mostly premised on dovish Fed and bottoming global economy conspiring to lift optimism and a flood back into "growth" bets that favour EM assets. And to be sure, the rain need not be decisively over for forward-looking markets to chase rainbows. Just signs of bottoming may be seized upon.

What's worth mentioning though is that CNH remains a key factor in determining relative levels. Crucially, given lingering economic and geo-political drag, the ability of CNH to regain ground could set the relative marker for various EM Asia FX. This could be an evolving equilibrium with regards to CNH.

## 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 futures 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 Australia naws 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, invitation or intended invitation in respect of securities; or another notice that refers to a prospectus in relation to an issue, intended issue, offer, invitation or intended invitation. 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 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.