

# Global Markets Daily Watching the BOJ Decision

## **BOJ Decision Due Today**

All eyes is on the outcome of the BOJ meeting today after the central bank made a surprise move in December to widen the YCC band from +/-0.25% to +/-0.50%. We don't expect the BOJ to make any move except to possibly raise inflation forecasts to close to its 2% target for fiscal 2023 and 2024. We do though see that profit-taking may lead the USDJPY to bounce higher after the meeting if the BOJ does as expected or disappoints with no form of announcement. However, even if the JPY does do an immediate climb on top of such inflation forecasts revision, gains for the currency maybe limited given the USDJPY pair has been trading quite below where the UST - JGB 5 y yield differentials imply. The USDJPY is steady ahead of the meeting with the pair last seen trading around 128.46. Meanwhile, the DXY continues to hover around the 102.00 mark. UST 10 y yields were higher overnight at 3.54% but the short end UST 2 y yields saw some drop. Both the S&P500 and NASDAQ100 ended yesterday flat. There is a possibility that the year start risk rally maybe gradually dissipating. There were also reports that ECB policymakers may be considering a slower pace of rate hikes.

## Oil Prices Climbed Higher Amid OPEC Optimism

Both Brent and WTI traded up after OPEC appeared to have set a more positive tone when Secretary General Haitham Al Ghais said he is cautiously optimistic about the outlook for the global economy. The oil producing group also said that slowdown in advanced economies could be offset by accelerating growth in Asia. Oil has been getting a boost recently from the rapid China reopening that is currently underway. A weaker USD too may also be supporting crude. Currencies such as the MYR have been climbing since the start of the year as it received a boost from both the China reopening and rising oil prices.

# **Key Data Due Today**

Data of interest today include MA Dec trade data, JP Nov IP, UK Dec CPI, Eurozone Dec CPI, US Dec retail sales, US Dec PPI, US Dec IP, US Nov business inventories, and US Jan NY Fed Services business activity.

FX: Overnight Closing Levels/ % Change						
Majors	Prev	% Chg Asian FX		Prev	% Chg	
_	Close	Ū		Close	Ŭ	
EUR/USD	1.0788	<b>J</b> -0.31	USD/SGD	1.3202	-0.08	
GBP/USD	1.2286	0.75	EUR/SGD	1.4243	<b>J</b> -0.38	
AUD/USD	0.6988	0.47	JPY/SGD	1.0303	0.24	
NZD/USD	0.6425	0.69	GBP/SGD	1.6223	0.70	
USD/JPY	128.12	<b>J</b> -0.36	AUD/SGD	0.9226	0.39	
EUR/JPY	138.24	<b>-</b> 0.65	NZD/SGD	0.8487	0.64	
USD/CHF	0.9221	<b>J</b> -0.47	CHF/SGD	1.4318	0.38	
USD/CAD	1.3389	<b>J</b> -0.14	CAD/SGD	0.9861	0.07	
USD/MYR	4.3258	0.20	SGD/MYR	3.269	<b>J</b> -0.03	
USD/THB	33.105	0.39	SGD/IDR	11469.96	0.75	
USD/IDR	15165	0.80	SGD/PHP	41.3351	<b>1</b> 0.16	
USD/PHP	54.84	0.46	SGD/CNY	5.1269	<b>1</b> 0.56	

Implied USD/SGD Estimates at 18 January 2023, 9.00am

Upper Band Limit Mid-Point

Lower Band Limit

1.3109

1.3377

1.3644

## **Analysts**

Saktiandi Supaat (65) 6320 1379 saktiandi@maybank.com.sg

Alan Lau (65) 6320 1378 alanlau@maybank.com

Fiona Lim (65) 6320 1374 fionalim@maybank.com.sg

Shaun Lim (65) 6320 1371 shaunlim@maybank.com

## G7: Events & Market Closure

Date	Ctry	Event
16 Jan	US	Market Closure
18 Jan	JP	BOJ Policy Decision
16 Jan to 20 Jan	World	World Economic Forum

## AXJ: Events & Market Closure

Date	Ctry	Event
16 Jan	CN	1Y MLF Rate
19 Jan	MY	BNM Policy Decision
19 Jan	ID	BI Policy Decision
20 Jan	TW	Market Closure

## **G7** Currencies

- **DXY Index Room for Rebound Risks, Bullish Divergence.** The DXY index remained resilient above the 102-figure for much of the past two days, awaiting the next key BoJ decision, the elephant in the room, The previously-staunch dove could potentially signal further tightening should inflation forecasts for FY2023 and FY2024 be revised higher. Concerns about further policy tightening dampened risk appetite. US equities were also hurt by the weaker-thanexpected revenue report from Goldman. The DXY index was able to hold on to the 102-figure with the greenback making most advance against the EUR. The EURUSD was knocked off its high upon whispers that the ECB officials may consider a slower pace of hike vs. Lagarde's signal of 50bps. Elsewhere, commodity-linked currencies (AUD, NZD, CAD) surged ahead of G7 and Asian FX peers on hopes that the stronger-than-expected China Dec data could mean a firmer recovery beyond the current re-opening Covid wave in China for the rest of 2023. Back on the DXY index daily chart, we continue to remain doubtful of further meaningful decline in the DXY index beyond the 102.30-support as the inflation report for Dec released last week suggests that price pressure has not cooled evenly. We hold the core view for DXY index to remain in mostly sideway trades for the next few months into 2Q. Technical indicators are mixed. MACD is neutral while stochastics suggests conditions remain stretched to the downside. MACD forest has formed an arguable bullish divergence with recent price action. Next support is seen around 101.40 while resistance is seen at 103.70 (21-dma). 10y yield is a tad higher this morning, last seen at levels around 3.54%. Fed Barkin told Fox Business on Tue that all measures of inflation metrics must "compellingly headed back to our target" and tightening has to continue as long as inflation remains elevated. Data-wise, Jan empire manufacturing slumped more than expected to 32.9 vs. previous -11.2, likely contributing to the weaker risk appetite overnight. For the rest of the week, we have Fed William's remarks, Dec retail sales, PPI, industrial production, mfg production and capacity utilization for Dec on Wed. Beige Book will be released on wed night. Thu has Fed Logan speaking, building permits, housing starts, Fed Collins speaks as well. Fed Williams speak again on Fri. Fri also has existing home sales for Dec, Fed Waller speaking.
- EURUSD Lower ahead of ECB speakers at Davos. EURUSD traded lower at 1.0785 levels this morning. On the daily chart, we look at resistances of 1.09 (psychological) and supports at the 1.0761 levels. Longer upper shadows on the past two daily candles also suggest some short-term downward bias for this pair. ECB's Villeroy was quoted as saying yesterday that "The good resistance of the economy today gives us the means to raise rates in a pragmatic, reasonable way, and therefore to beat inflation" in a French TV interview, further reinforcing the ECB's thus far hawkish stance. Mario Centeno also said earlier in Davos that the Euro economy is doing surprisingly well and that the ECB's battle with inflation will continue. There is some optimism building that the Eurozone could dodge a recession, especially after last week's German data came in stronger than expected. The ECB's hawkish stance thus far underpins our medium

- -term view for a stronger EUR. The key risk to this medium-term outlook would be any escalation of geopolitical tensions between Russia and Ukraine. Eurozone data for the week ahead includes CPI (Germany, Italy and combined Eurozone). ECB Governing Council member Villeroy will also speak at Davos later tonight, with President Lagarde scheduled for tomorrow. ECB December minutes are scheduled to be released on Friday.
- GBPUSD Higher on strong wage growth data. GBPUSD traded higher at 1.2280 levels this morning on the back of strong wage growth data that hinted at a tight labour market. Average weekly earnings including bonuses grew by +6.4% YoY (exp: +6.2%) in the three months to November, while the unemployment rate remained unchanged at 3.7%. There was a 27k increase in jobs but an equivalent increase in labour force participation at the same time. The stronger than expected wage print is expected to muddy the BOE's case for a downshift at the February meeting. Some economists now expect that with a tight labour market and sticky wages, a return to 25bps looks less likely next month. On the daily chart, we watch resistances of 1.230 and 1.2350 and supports at 1.22 and 1.2170. Our medium term outlook for the GBP remains bleak, with inflation and an impending recession key issues that the BOE will have to address. The BOE has also been notably more dovish in its rhetoric than its counterparts in the Fed and ECB, which could weigh further on the GBP. UK Data for the week ahead includes CPI and retail sales.
- **USDJPY Steady Ahead of BOJ Meeting.** The pair was last seen trading at 128.91 this morning. Markets are on the edge ahead of the outcome of the BOJ meeting on Wednesday. We are not expecting that the BOJ make any move this time around except for possibly raising inflation forecasts to close to its 2% target for fiscal 2023 and 2024. We do though see that profit-taking may lead the USDJPY to bounce higher after the meeting if the BOJ does as expected or disappoints with no form of announcement. However, even if the JPY does do an immediate climb on top of such inflation forecasts revision, gains for the currency maybe limited given the USDJPY pair has been trading quite below where the UST - JGB 5 y yield differentials imply. As a note, Kuroda is heading to Davos today after the decision. Core machine orders for Nov was below expectations at -3.7% YoY (est. 1.6% YoY). Other key data due this week include Nov IP today (18 Jan), Dec trade data tomorrow (19 Jan) and Dec CPI on Friday (20 Jan). The latter would be closely watched for any signs of sustainable broad based pick up in prices. Support for the USDJPY is now seen around 126.18. Resistance meanwhile is at 133.22 and 135.00 figure.
- AUDUSD Rising Wedge, Stay Constructive. AUDUSD last printed 0.6990, buoyed by the better-than-expected China data and concomitant boost to the base metals. That said, rising wedge for the AUDUSD still intact and that typically precedes a potential bearish retracement. Any bearish retracement could be shallow and meet support levels at 0.6840 (200-dma) before 0.6770 (21-dma). Stochastics suggest conditions are a tad stretched to the upside and show nascent signs of turning lower but MACD is still bullish. 50-dma

has made a bullish cross-over on the 100-dma and en-route towards the 200-dma (another golden cross). Resistance at 0.70-figure before 0.7040. We continue to remain constructive on the AUDUSD. China's re-opening (demand recovery from economic stimulus, resumption of Chinese tourist, student flows to Australia), return of coal trades between Australia and China, potential shift of the three red lines for Chinese property developers that could raise demand for Australia's metal exports are all positives for the AUDUSD. For the rest of the week, we have Dec labour report on Thu.

- NZDUSD Still Stuck in Range. The pair was last seen around 0.6440, still supported by the 21-dma at 0.6330. Resistance at 0.6470. This pair has been hovering within an established range within 0.6250-0.6470 and show no signs of breaking out just yet. Stochastics show signs of rising from oversold condition and thus, bias is to the upside. REINZ house sales fell -39.0%y/y for Dec vs. previous 36.1%. Card retail spending for Dec also fell -2.5%m/m vs. previous +0.3%.
- USDCAD *Sideways*. USDCAD remained in sideway trades within 1.3350-1.3500. Overnight action was relatively muted despite the sharper than expected deceleration in CPI headline for Dec at +6.3%y/y vs. previous +6.8%. CPI core trim softened to 5.3%y/y from previous 5.4%. Month-on-month, CPI fell -0.6% vs. previous +0.1%. OIS implied suggest that markets remain positioned for a 25bps hike for the decision next week but a pause is likely thereafter. The USDCAD pair is still underpinned by the 1.3350 support, last printed 1.3390. A break could open the way towards the next support around 1.3205/1.3177. Two-way moves within this range could continue but there could be a tad more room to the upside as stochastics show signs of rising from oversold levels. Interim resistance at 1.35 (50-dma) before the next at 1.3680. Data-wise, the rest of the week has industrial product price (Dec) on wed, wholesale trade sales (Nov) on Thu before Nov retail sales on Fri.

## Asia ex Japan Currencies

SGDNEER trades around +1.14% from the implied mid-point of 1.3377 with the top estimated at 1.3109 and the floor at 1.3644.

- USDSGD Sideways. USDSGD last traded at 1.3209 levels this morning. Price action in this pair yesterday remained muted as it traded within a 50-pip range yesterday. On a trade weighted basis, the SGDNEER remains on the strong side of the band at +1.2% above the mid-point. We continue to expect two-way action in USDSGD, but remain cautious that the downside (SGD strength) could be capped by the prevailing strength in the SGDNEER. The medium term outlook for the SGD is centred around further potential tightening from the MAS (our house view is skewed in favour of a tightening) and any further developments that might arise from China's reopening. On the daily chart, we watch resistances at 1.3240 and 1.3280, with supports at 1.3171 and 1.3129. Singapore data for the week ahead includes COE.
- SGDMYR Sideways. SGDMYR was last seen slightly higher at 3.2750 levels. We see potential for more sideway trades within the 3.2390-3.2950 range in the near-term. Intermittent bouts of mild risk aversion could continue to support this cross on dips nonetheless while potential for another tightening move in MAS could also be a fundamental underpinning for SGD strength.
- USDMYR Slightly Higher. The pair was last seen trading up this morning at around 4.3325. This was even as brent prices saw a climb overnight. Momentum indicators such as the RSI have though recently shown that the pair was at oversold levels. The USDCNH, which has been anchoring the USDMYR, has also been moving up the last few days. Regardless, bias for the USDMYR is downwards amid the rapid China reopening and more "favourable" US economic data. The 50 dma is also about to cross the 200-dma on the daily chart, which provides a bearish signal. The support for the pair is at 4.3000 and we don't rule out the pair sliding towards 4.2000 should it break below that level. Resistance is 4.3640 with the next level after that at 4.4000. Key events this week include a BNM rate decision on Thursday (19 Jan), where we expect the central bank to hike by 25bps to 3.00% and hold from there. This is also expected by market in by the market and hence, its impact may be limited. Data releases this week include Dec trade numbers on Wed (18 Jan) and Dec CPI on Fri (20 Dec). Meanwhile, PM Anwar has said that the 2023 fiscal position "won't be comfortable" and he pointed savings that could have been done. Specifically, he mentioned the fiscal deficit at 5.8% of GDP in 2023 and debt and liabilities to be at RM1.5 trillion. He also told civil servants to make every ringgit count.
- USDCNH Rebounding from Stretched Conditions. USDCNH rose this morning, buoyed also by the surprisingly large net liquidity injection via the reverse repo of CNY504bn yesterday. Pair was last seen at 6.78. The USDCNY reference rates are fixed (6.7602) close to estimates (6.7635). China's Dec activity data came in mostly stronger-than-expected with retail sales (-1.8%y/y vs. exp. -9.0%),

industrial production (1.3%y/y vs. exp. 0.1%), urban FAI (5.1%ytd vs. exp. 5.0%). GDP also surprised to the upside at 2.9%y/y for 4Q. China grew 3.0%y/y for 2022, above the expected 2.7%. USDCNH slipped a tad from its intra-day high. We think there could be further bullish retracement of the USDCNH after the seasonal support for yuan fades into Lunar New Year. On the daily USDCNH chart, we have resistance at 6.7970 before the next at 6.8410 (50% fibonacci retracement 2022 rally). Support is seen around 6.7150. For the rest of the week, we have CNY share of SWIFT global payments for Dec on Thu as well as 1Y, 5Y LPRs for 20 Jan on Fri.

- 1M USDIDR NDF Bouncing Up from Stretched Conditions. The 1M NDF was last seen trading at around 15183 as the pair bounced back up above the 200-dma. Momentum indicators including the RSI, stochastics showed the recent rally to be overstretched. However, we are still positive on the IDR in the near term as Fed rates peak and UST yields gradually decline. Support is seen at 15088 (200-dma) with the next at around 14800. Resistance is at 15249 (FI retracement of 50.0% from Nov peak to Aug low) with the subsequent at 15420 (100-dma). This week importantly sees a BI decision on Thursday (19 Jan), where our in-house economists are calling for a further hike of 25bps and the market is already expecting as such too, limiting the impact from such a move. However, we closely watch for any further words from the governor on the future path of rate movements. There are no other major data releases this week.
- USDTHB Steady. The pair was last seen trading around 33.06, much unchanged from yesterday as the pair likely takes a breather. Despite the recent bounce up in the USDCNH, optimism towards the THB still seems to be holding up well. We see continue to see bias towards the downside given the rapid China reopening that will benefit Thailand from a tourism perspective and the possibility of peaking Fed rates, leading to declining UST yields. Support is seen at 32.17 (Fed 2022 closing low) and if it hits that level, it would mark a complete reversal of the entire 2022 rally. Resistance is at 34.01. There isn't much in terms of the data calendar this week except for the foreign reserves data due on Friday (20 Jan).
- USDPHP Steady. The pair was last seen trading at around 54.90, which wasn't too much difference from yesterday morning. The USDPHP is still holding below the 200-dma as it has for the last couple of sessions. President Marcos has said that the country's economic growth can hold steady at around 7% this year. If the pair can decisively hold below the 200-dma, the next level of support would be at 53.77 (FI retracement of 76.4% from Oct 2022 peak to Apr 2022 low). Resistance is at 56.00 with the next level at 57.00. Other key data releases this week include the BOP on Thurs (19 Jan).

# Malaysia Fixed Income

## **Rates Indicators**

MGS	Previous Bus. Day	Yesterday's Close	Change (bps)
3YR MH 3/25	3.54	3.52	-2
5YR MO 11/27	3.80	3.77	-3
7YR MS 4/29	3.98	3.97	-1
10YR MO 7/32	3.96	3.98	+2
15YR MX 6/38	4.15	4.14	-1
20YR MY 10/42	4.30	4.29	-1
30YR MZ 6/50	4.46	4.47	+1
IRS			
6-months	3.77	3.76	-1
9-months	3.76	3.74	-2
1-year	3.74	3.72	-2
3-year	3.64	3.63	-1
5-year	3.70	3.69	-1
7-year	3.86	3.83	-3
10-year	3.97	3.95	-2

Source: Maybank
\*Indicative levels

- In Ringgit government bonds market, trading was mixed with some lightening up risk at the back end of the curve, while lower MYR IRS levels drove buying in short dated bonds. Liquidity was rather thin throughout the day as market awaits the BOJ monetary policy meeting on Wednesday and BNM MPC meeting on Thursday. Benchmark yield curve was little changed with movements in +/-2bp range.
- MYR IRS curve shifted 1-3bp lower. IRS saw persistent receiving interest from foreigners despite lukewarm bond sentiment and the elevated 3M KLIBOR at 3.71%. The 5y rate got traded at 3.69% and 3.68%.
- PDS space had some light flows. Danainfra was the most active with MYR200m total traded volume. Other GGs traded were LPPSA medium and long tenor bonds. AAA-rated Cagamas and PLUS bonds also traded in sizeable volumes, cumulatively amounting to c.MYR320m. Overall, PDS yields declined, with LPPSA 2025 outperforming albeit in small trading size.

## **Analysts**

Winson Phoon (65) 6340 1079 winsonphoon@maybank.com

Se Tho Mun Yi (603) 2074 7606 munyi.st@maybank-ib.com

# Singapore Fixed Income

## **Rates Indicators**

SGS	Previous Bus. Day	Yesterday's Close	Change (bps)
2YR	3.13	3.15	+2
5YR	2.77	2.81	+4
10YR	2.83	2.89	+6
15YR	2.81	2.85	+4
20YR	2.66	2.71	+5
30YR	2.55	2.56	+1
50YR	2.62	2.63	+1

Source: MAS (Bid Yields)

- DM bonds largely traded sideways overnight. In Asian morning hours, UST yields extended the upward momentum from last Friday. SGS market also remained weak with yields climbing 1-6bp higher, led by the belly of the curve with 10y SGS benchmark yield up 6bp from previous day to 2.89%. There will be a 10y SGS auction later this month.
- Asia credit market sentiment remained upbeat with new issues outperforming, such as Korea names POHANG and HYUELE tightening around 7bp and 3bp respectively. Asia sovereign bonds were mixed with selling in INDONs while PHILIPs fared well, particularly the long ends. China SOEs remained in demand on the back of the China reopening story and property sector support measures, with spreads tighter by 1-2bp. India IGs little changed and after the latest strong rally, further spread compression would probably need new catalyst. Southeast Asia IGs had mixed performance, with Thai credits such as PTTEP outperforming in the space.

## Indonesia Fixed Income

## **Rates Indicators**

#### IDR Gov't Bonds Yesterday's Close Previous Bus. Day Change 1YR 5.68 5.72 0.04 2YR 5.99 5.97 (0.03)**5YR** 6.47 6.45 (0.03)**10YR** 6.76 6.76 0.00 **15YR** 6.81 6.83 0.02 **20YR** 6.83 6.88 0.05 30YR 7.28 7.29 0.00

- Most Indonesian government bonds continued their corrections trends yesterday. It seemed that the market players did tactical profit taking amidst minimal economic events on Indonesia. The investors, then, preferred to strongly participate on the primary market in the conventional bond auction by the government. Investors recorded more than doubles (from previous edition) of total amount on their incoming bids during yesterday's conventional bond auction. Investors' total amount of incoming bids for yesterday's auction reached Rp59.05 trillion. At this auction, most investors had most interest for FR0095, instead FR0096. Investors' total incoming bids for FR0095 reached Rp22.59 trillion, with the range of asking yields around 6.41000%-6.70000%. It could be an indication that investors had preference on shorter tenor of the liquid benchmark bond series during unfavourable global condition.
- Yesterday, according to The Economist, China missed its GDP target for 2022, with the economy growing by just 3% over the year. It is its poorest showing for nearly half a century, save for pandemic-hit 2020. It had hoped for a 5.5% expansion, itself a modest ambition compared with the recent past. The economy was whacked by strict covidcontainment policies, which included locking down entire cities, sometimes for months. Today, most investors will be watching on the policy decision by Bank of Japan. The central bank had a shock in store in December, when it widened the band for ten-year bond yields under its yield-curve control (YCC) policy. Kuroda Haruhiko, the governor, claimed the change was intended to improve the functionality of bond markets. But many saw it as a step towards normalising the bank's ultra-loose monetary policy. Yields have already risen to the new upper limit of 0.5% in recent weeks, as investors test the new target. They have forced the bank to spend trillions of yen buying bonds to defend YCC.
- On the other side, Indonesian fundamental condition keeps solid so far. It will maintain attractiveness for investors to keep investing here. The latest results of macroeconomic data showed sound condition on Indonesian economy. Tomorrow, Bank Indonesia will hold its monthly policy rate meeting. We expect that Bank Indonesia isn't rush to hike its policy rate although the Fed is ready to hike the policy rate on early Feb-23. There is no urgency to hike the policy rate amidst recent conducive domestic conditions on inflation and the national currency. Moreover, Indonesian economy also needs an

## Analyst

Myrdal Gunarto (62) 21 2922 8888 ext 29695 MGunarto@maybank.co.id

<sup>\*</sup> Source: Bloomberg, Maybank Indonesia

accommodative monetary measure during recent slowing paces of growth due to weakening growth of exports.



Foreign Exchange: Daily Levels

	EUR/USD	USD/JPY	AUD/USD	GBP/USD	USD/CNH	NZD/USD	EUR/JPY	AUD/JPY
R2	1.0905	129.58	0.7039	1.2382	6.8198	0.6481	140.1067	90.1953
R1	1.0846	128.85	0.7013	1.2334	6.7948	0.6453	139.1733	89.8667
Current	1.0798	128.52	0.6995	1.2285	6.7820	0.6453	138.7700	89.8890
S1	1.0752	127.69	0.6946	1.2204	6.7400	0.6382	137.7533	89.2197
S2	1.0717	127.26	0.6905	1.2122	6.7102	0.6339	137.2667	88.9013
	USD/SGD	USD/MYR	USD/IDR	USD/PHP	USD/THB	EUR/SGD	CNY/MYR	SGD/MYF
R2	1.3265	4.3489	15216	55.0673	33.3310	1.4393	0.6439	3.2819
R1	1.3233	4.3373	15191	54.9537	33.2180	1.4318	0.6414	3.2755
Current	1.3217	4.3335	15185	54.9400	33.0700	1.4272	0.6395	3.2790
S1	1.3182	4.3146	15129	54.6857	32.9730	1.4203	0.6371	3.2657
S2	1.3163	4.3035	15092	54.5313	32.8410	1.4163	0.6353	3.2623

<sup>\*</sup>Values calculated based on pivots, a formula that projects support/resistance for the day.

Policy	/ Rates
i Olio	, ivaic.

Folicy Rates			
Rates	Current (%)	Upcoming CB Meeting	MBB Expectation
MAS SGD 3-Month SIBOR	4.2500	Apr-23	Tightening
BNM O/N Policy Rate	2.75	19/1/2023	Tightening
<b>BI</b> 7-Day Reverse Repo Rate	5.50	19/1/2023	Tightening
BOT 1-Day Repo	1.25	25/1/2023	Tightening
BSP O/N Reverse Repo	5.50	16/2/2023	Tightening
CBC Discount Rate	1.75	23/3/2023	Tightening
HKMA Base Rate	4.75	-	Tightening
PBOC 1Y Loan Prime Rate	3.65	-	Easing
RBI Repo Rate	6.25	8/2/2023	Tightening
BOK Base Rate	3.50	23/2/2023	Tightening
Fed Funds Target Rate	4.50	2/2/2023	Tightening
ECB Deposit Facility Rate	2.00	2/2/2023	Tightening
BOE Official Bank Rate	3.50	2/2/2023	Tightening
RBA Cash Rate Target	3.10	7/2/2023	Tightening
RBNZ Official Cash Rate	4.25	22/2/2023	Tightening
BOJ Rate	-0.10	18/1/2023	Neutral
BoC O/N Rate	4.25	25/1/2023	Tightening

# **Equity Indices and Key Commodities**

	Value	% Change
Dow	33,910.85	<del>-1</del> .14
Nasdaq	11,095.11	0.14
Nikkei 225	26,138.68	1.23
FTSE	7,851.03	- <mark>0</mark> .12
Australia ASX 200	7,386.29	-0.03
Singapore Straits Times	3,280.51	- 09
Kuala Lumpur Composite	1,499.38	0.39
Jakarta Composite	6,767.34	1.19
P hilippines Composite	7,014.04	- <mark>0</mark> .45
Taiwan TAIEX	14,927.01	0.69
Korea KOSPI	2,379.39	<mark>-0</mark> .85
Shanghai Comp Index	3,224.25	- <mark>0</mark> .10
Hong Kong Hang Seng	21,577.64	<mark>-0</mark> .78
India Sensex	60,655.72	0.94
Nymex Crude Oil WTI	80.18	0.40
Comex Gold	1,909.90	<u>-0</u> .61
Reuters CRB Index	277.22	0.47
MBB KL	8.78	0.00
		•

MGS & GII	Coupon	Maturity Date	Volume (RM 'm)	Last Done	Day High	Day Low
MGS 3/2013 3.480% 15.03.2023	3.480%	15-Mar-23	1,025	3.033	3.046	2.977
MGS 1/2016 3.800% 17.08.2023	3.800%	17-Aug-23	66	3.033	3.223	3.033
MGS 3/2019 3.478% 14.06.2024	3.478%	14-Jun-24	55	3.403	3.421	3.381
NGS 1/2014 4.181% 15.07.2024	4.181%	15-Jul-24	28	3.41	3.432	3.41
GS 1/2018 3.882% 14.03.2025	3.882%	14-Mar-25	150	3.529	3.539	3.515
GS 3/2005 4.837% 15.07.2025	4.837%	15-Jul-25	50	3.579	3.579	3.579
GS 1/2015 3.955% 15.09.2025	3.955%	15-Sep-25	114	3.587	3.595	3.575
GS 3/2011 4.392% 15.04.2026	4.392%	15-Apr-26	32	3.637	3.654	3.631
GS 1/2019 3.906% 15.07.2026	3.906%	15-Jul-26	1	3.635	3.635	3.635
GS 3/2016 3.900% 30.11.2026	3.900%	30-Nov-26	3	3.656	3.656	3.656
GS 4/2017 3.899% 16.11.2027	3.899%	16-Nov-27	240	3.786	3.795	3.761
GS 5/2013 3.733% 15.06.2028	3.733%	15-Jun-28	154	3.888	3.898	3.867
GS 3/2022 4.504% 30.04.2029	4.504%	30-Apr-29	219	3.959	3.977	3.953
GS 2/2019 3.885% 15.08.2029	3.885%	15-Aug-29	25	3.989	3.989	3.989
GS 3/2010 4.498% 15.04.2030	4.498%	15-Apr-30	66	3.952	3.952	3.929
GS 2/2020 2.632% 15.04.2031	2.632%	15-Apr-31	46	4.043	4.05	4.027
GS 1/2022 3.582% 15.07.2032	3.582%	15-Jul-32	14	3.984	3.985	3.97
GS 4/2015 4.254% 31.05.2035	4.254%	31-May-35	70	4.201	4.201	4.191
GS 3/2017 4.762% 07.04.2037	4.762%	7-Apr-37	27	4.21	4.226	4.21
GS 4/2018 4.893% 08.06.2038	4.893%	8-Jun-38	140	4.144	4.285	4.144
GS 2/2022 4.696% 15.10.2042	4.696%	15-Oct-42	10	4.287	4.287	4.287
NGS 2/2016 4.736% 15.03.2046	4.736%	15-Mar-46	1	4.484	4.484	4.408
AGS 1/2020 4.065% 15.06.2050	4.065%	15-Jun-50	45	4.496	4.496	4.452
II MURABAHAH 7/2019 3.151% 5.05.2023	3.151%	15-May-23	30	3.133	3.133	3.133
III MURABAHAH 3/2018 4.094%		•				
0.11.2023	4.094%	30-Nov-23	20	3.082	3.082	3.082
II MURABAHAH 8/2013 22.05.2024 II MURABAHAH 4/2015 3.990%	4.444%	22-May-24	40	3.463	3.463	3.463
5.10.2025 II MURABAHAH 3/2019 3.726%	3.990%	15-Oct-25	160	3.594	3.597	3.586
1.03.2026	3.726%	31-Mar-26	50	3.608	3.608	3.608
II MURABAHAH 1/2020 3.422% 0.09.2027	3.422%	30-Sep-27	160	3.8	3.822	3.8
II MURABAHAH 2/2018 4.369%						
1.10.2028 II MURABAHAH 1/2019 4.130%	4.369%	31-Oct-28	340	3.919	3.95	3.919
9.07.2029	4.130%	9-Jul-29	244	4.033	4.043	4.024
III MURABAHAH 3/2015 4.245% 0.09.2030	4.245%	30-Sep-30	44	4.001	4.038	4.001
II MURABAHAH 2/2020 3.465%	4.245/0	30-3ер-30	44	4.001	4.036	4.001
5.10.2030	3.465%	15-Oct-30	10	4.049	4.049	4.049
II MURABAHAH 1/2022 4.193% 7.10.2032	4.193%	7-Oct-32	115	4.074	4.088	4.074
iII MURABAHAH 6/2017 4.724% 5.06.2033	4.724%	15-Jun-33	20	4.099	4.099	4.099
III MURABAHAH 5/2013 4.582%	4.724%	15-5411-55	20	4.077	4.077	4.099
0.08.2033	4.582%	30-Aug-33	70	4.09	4.17	4.09
GII MURABAHAH 2/2021 4.417% 0.09.2041	4.417%	30-Sep-41	90	4.393	4.393	4.393
tal		•	3,975			

Sources: BPAM

MYR Bonds Trades Details  PDS	Rating	Coupon	Maturity Date	Volume (RM 'm)	Last Done	Day High	Day Low
LPPSA IMTN 4.200% 31.10.2025 - Tranche No 23	GG	4.200%	31-Oct-25	5	3.831	3.831	3.831
DANAINFRA IMTN 4.530% 12.11.2025 - Tranche No 38	GG	4.530%	12-Nov-25	200	3.802	3.813	3.802
LPPSA IMTN 4.900% 05.04.2033 - Tranche No 21	GG	4.900%	5-Apr-33	80	4.219	4.226	4.219
PLUS BERHAD IMTN 4.560% 12.01.2024 -Sukuk PLUS T2	AAA IS (S)	4.560%	12-Jan-24	20	3.773	3.784	3.773
TELEKOM IMTN 4.820% 21.03.2024	AAA	4.820%	21-Mar-24	10	3.846	3.885	3.846
PUTRAJAYA IMTN 11.04.2024	AAA IS	4.350%	11-Apr-24	20	3.865	3.907	3.865
PUTRAJAYA IMTN 26.05.2025 SERIES 13 TRANCHE 016	AAA IS	4.500%	26-May-25	13	4.049	4.058	4.049
SEB IMTN 5.650% 23.06.2026	AAA	5.650%	23-Jun-26	20	4.006	4.022	4.006
CAGAMAS IMTN 4.50% 13.12.2027	AAA	4.500%	13-Dec-27	150	4.137	4.16	4.137
	AAA IS						
PLUS BERHAD IMTN 4.440% 12.01.2028 -Sukuk PLUS T30	(S)	4.440%	12-Jan-28	10	4.211	4.26	4.211
SPETCHEM IMTN 5.050% 27.07.2029 (Sr1 Tr5)	AAA (S) AAA IS	5.050%	27-Jul-29	10	4.328	4.332	4.328
PLUS BERHAD IMTN 4.582% 11.01.2030 -Sukuk PLUS T21	(S) AAA IS	4.582%	11-Jan-30	10	4.43	4.44	4.43
PLUS BERHAD IMTN 5.000% 11.01.2030 -Sukuk PLUS T8	(S)	5.000%	11-Jan-30	10	4.358	4.384	4.358
PLUS BERHAD IMTN 4.680% 12.01.2032 -Sukuk PLUS T23	AAA IS (S)	4.680%	12-Jan-32	130	4.56	4.589	4.56
TENAGA IMTN 03.08.2032	AAA	4.950%	3-Aug-32	1	4.834	4.834	4.834
UMWH IMTN 5.220% 02.10.2026	AA+ IS	5.220%	2-Oct-26	10	4.167	4.182	4.167
GENM CAPITAL MTN 3653D 11.7.2028	AA1 (S)	5.300%	11-Jul-28	1	5.439	5.439	5.439
PUBLIC SUB-NOTES 3.90% 27.7.2029 Tranche 6	AA1	3.900%	27-Jul-29	30	4.077	4.077	4.077
EMSB IMTN 4.440% 07.09.2029	AA+ IS	4.440%	7-Sep-29	20	4.378	4.402	4.378
PUBLIC SUB-NOTES 3.72% 18.12.2029 Tranche 7	AA1	3.720%	18-Dec-29	46	4.158	4.164	4.158
FPSB IMTN 5.050% 05.09.2025	AA IS	5.050%	5-Sep-25	40	4.518	4.53	4.518
RHBA 4.320% 21.05.2029(Series 3)	AA2	4.320%	21-May-29	60	4.076	4.099	4.076
STSSB IMTN Series 2 3.450% 17.07.2023	AA- IS (CG)	3.450%	17-Jul-23	10	4.315	4.356	4.315
BGSM MGMT IMTN 4.680% 28.09.2023 - Issue No 16	AA3	4.680%	28-Sep-23	10	3.798	3.813	3.798
PLB MTN 915D 14.2.2024	AA3	3.280%	14-Feb-24	40	4.386	4.406	4.386
BGSM MGMT IMTN 4.920% 29.08.2025 - Issue No 13	AA3	4.920%	29-Aug-25	10	4.216	4.228	4.216
PTP IMTN 3.300% 27.08.2027	AA- IS	3.300%	27-Aug-27	10	4.58	4.6	4.58
AIBB IMTN4 SENIOR SUKUK MURABAHAH	AA3	4.750%	16-Dec-27	15	4.474	4.474	4.474
MAYBANK IMTN 4.130% PERPETUAL	AA3	4.130%	22-Feb-17	20	4.47	4.512	4.47
UITM SOLAR IMTN 6.100% 25.04.2031	A+ IS	6.100%	25-Apr-31	5	6.382	6.383	6.382
UITM SOLAR IMTN 6.200% 27.04.2032	A+ IS	6.200%	27-Apr-32	4	6.459	6.461	6.459
AMBANK MTN 3653D 12.10.2032	A1	5.200%	12-Oct-32	1	4.792	4.792	4.674
YNHP 6.850% PERPETUAL SECURITIES - TRANCHE NO 1	NR(LT)	6.850%	7-Aug-19	2	7.137	7.137	6.585
Total	(=, )	2.200,0		1,023			

Sources: BPAM



# **DISCLAIMER**

This report is for information purposes only and under no circumstances is it to be considered or intended as an offer to sell or a solicitation of an offer to buy the securities or financial instruments referred to herein, or an offer or solicitation to any person to enter into any transaction or adopt any investment strategy. Investors should note that income from such securities or financial instruments, if any, may fluctuate and that each security's or financial instrument's price or value may rise or fall. Accordingly, investors may receive back less than originally invested. Past performance is not necessarily a guide to future performance. This report is not intended to provide personal investment advice and does not take into account the specific investment objectives, the financial situation and the particular needs of persons who may receive or read this report. Investors should therefore seek financial, legal and other advice regarding the appropriateness of investing in any securities and/or financial instruments or the investment strategies discussed or recommended in this report.

The information contained herein has been obtained from sources believed to be reliable but such sources have not been independently verified by Malayan Banking Berhad and/or its affiliates and related corporations (collectively, "Maybank") and consequently no representation is made as to the accuracy or completeness of this report by Maybank and it should not be relied upon as such. Accordingly, no liability can be accepted for any direct, indirect or consequential losses or damages that may arise from the use or reliance of this report. Maybank and its officers, directors, associates, connected parties and/or employees may from time to time have positions or be materially interested in the securities and/or financial instruments to herein and may further act as market maker or have assumed an underwriting commitment or deal with such securities and/or financial instruments and may also perform or seek to perform investment banking, advisory and other services for or relating to those companies whose securities are mentioned in this report. Any information or opinions or recommendations contained herein are subject to change at any time, without prior notice.

This report may contain forward looking statements which are often but not always identified by the use of words such as "anticipate", "believe", "estimate", "intend", "plan", "expect", "forecast", "predict" and "project" and statements that an event or result "may", "will", "can", "should", "could" or "might" occur or be achieved and other similar expressions. Such forward looking statements are based on assumptions made and information currently available to us and are subject to certain risks and uncertainties that could cause the actual results to differ materially from those expressed in any forward looking statements. Readers are cautioned not to place undue relevance on these forward looking statements. Maybank expressly disclaims any obligation to update or revise any such forward looking statements to reflect new information, events or circumstances after the date of this publication or to reflect the occurrence of unanticipated events.

This report is prepared for the use of Maybank's clients and may not be reproduced, altered in any way, transmitted to, copied or distributed to any other party in whole or in part in any form or manner without the prior express written consent of Maybank. Maybank accepts no liability whatsoever for the actions of third parties in this respect. 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 located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation.

## APPENDIX I: TERMS FOR PROVISION OF REPORT, DISCLAIMERS AND DISCLOSURES

### **DISCLAIMERS**

This research report is prepared for general circulation and for information purposes only and under no circumstances should it be considered or intended as an offer to sell or a solicitation of an offer to buy the securities referred to herein. Investors should note that values of such securities, if any, may fluctuate and that each security's price or value may rise or fall. Opinions or recommendations contained herein are in form of technical ratings and fundamental ratings. Technical ratings may differ from fundamental ratings as technical valuations apply different methodologies and are purely based on price and volume-related information extracted from the relevant jurisdiction's stock exchange in the equity analysis. Accordingly, investors' returns may be less than the original sum invested. Past performance is not necessarily a guide to future performance. This report is not intended to provide personal investment advice and does not take into account the specific investment objectives, the financial situation and the particular needs of persons who may receive or read this report. Investors should therefore seek financial, legal and other advice regarding the appropriateness of investing in any securities or the investment strategies discussed or recommended in this report.

The information contained herein has been obtained from sources believed to be reliable but such sources have not been independently verified by Maybank Investment Bank Berhad, its subsidiary and affiliates (collectively, "Maybank IBG") and consequently no representation is made as to the accuracy or completeness of this report by Maybank IBG and it should not be relied upon as such. Accordingly, Maybank IBG and its officers, directors, associates, connected parties and/or employees (collectively, "Representatives") shall not be liable for any direct, indirect or consequential losses or damages that may arise from the use or reliance of this report. Any information, opinions or recommendations contained herein are subject to change at any time, without prior notice.

This report may contain forward looking statements which are often but not always identified by the use of words such as "anticipate", "estimate", "intend", "plan", "expect", "forecast", "predict" and "project" and statements that an event or result "may", "will", "can", "should", "could" or "might" occur or be achieved and other similar expressions. Such forward looking statements are based on assumptions made and information currently available to us and are subject to certain risks and uncertainties that could cause the actual results to differ materially from those expressed in any forward looking statements. Readers are cautioned not to place undue relevance on these forward-looking statements. Maybank IBG expressly disclaims any obligation to update or revise any such forward looking statements to reflect new information, events or circumstances after the date of this publication or to reflect the occurrence of unanticipated events.

Maybank IBG and its officers, directors and employees, including persons involved in the preparation or issuance of this report, may, to the extent permitted by law, from time to time participate or invest in financing transactions with the issuer(s) of the securities mentioned in this report, perform services for or solicit business from such issuers, and/or have a position or holding, or other material interest, or effect transactions, in such securities or options thereon, or other investments related thereto. In addition, it may make markets in the securities mentioned in the material presented in this report. One or more directors, officers and/or employees of Maybank IBG may be a director of the issuers of the securities mentioned in this report to the extent permitted by law.

This report is prepared for the use of Maybank IBG's clients and may not be reproduced, altered in any way, transmitted to, copied or distributed to any other party in whole or in part in any form or manner without the prior express written consent of Maybank IBG and Maybank IBG and its Representatives accepts no liability whatsoever for the actions of third parties in this respect.

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 located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation. This report is for distribution only under such circumstances as may be permitted by applicable law. The securities described herein may not be eligible for sale in all jurisdictions or to certain categories of investors. Without prejudice to the foregoing, the reader is to note that additional disclaimers, warnings or qualifications may apply based on geographical location of the person or entity receiving this report.

## Malaysia

Opinions or recommendations contained herein are in the form of technical ratings and fundamental ratings. Technical ratings may differ from fundamental ratings as technical valuations apply different methodologies and are purely based on price and volume-related information extracted from Bursa Malaysia Securities Berhad in the equity analysis.

## Singapore

This report has been produced as of the date hereof and the information herein may be subject to change. Maybank Research Pte. Ltd. ("MRPL") in Singapore has no obligation to update such information for any recipient. For distribution in Singapore, recipients of this report are to contact MRPL in Singapore in respect of any matters arising from, or in connection with, this report. If the recipient of this report is not an accredited investor, expert investor or institutional investor (as defined under Section 4A of the Singapore Securities and Futures Act), MRPL shall be legally liable for the contents of this report, with such liability being limited to the extent (if any) as permitted by law.

# Thailand

Except as specifically permitted, no part of this presentation may be reproduced or distributed in any manner without the prior written permission of Maybank Securities (Thailand) Public Company Limited. Maybank Securities (Thailand) Public Company Limited. Maybank Securities (Thailand) Public Company Limited ("MST") accepts no liability whatsoever for the actions of third parties in this respect.

Due to different characteristics, objectives and strategies of institutional and retail investors, the research products of MST Institutional and Retail Research departments may differ in either recommendation or target price, or both. MST reserves the rights to disseminate MST Retail Research reports to institutional investors who have requested to receive it. If you are an authorised recipient, you hereby tacitly acknowledge that the research reports from MST Retail Research are first produced in Thai and there is a time lag in the release of the translated English version.

The disclosure of the survey result of the Thai Institute of Directors Association ("IOD") regarding corporate governance is made pursuant to the policy of the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the market for Alternative Investment disclosed to the public and able to be accessed by a general public investor. The result, therefore, is from the perspective of a third party. It is not an evaluation of operation and is not based on inside information. The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey may be changed after that date. MST does not confirm nor certify the accuracy of such survey result.

The disclosure of the Anti-Corruption Progress Indicators of a listed company on the Stock Exchange of Thailand, which is assessed by Thaipat Institute, is made in order to comply with the policy and sustainable development plan for the listed companies of the Office of the Securities and Exchange Commission. Thaipat Institute made this assessment based on the information received from the listed company, as stipulated in the form for the assessment of Anti-corruption which refers to the Annual Registration Statement (Form 56-1), Annual Report (Form 56-2), or other relevant documents or reports of such listed company. The assessment result is therefore made from the perspective of Thaipat Institute that is a third party. It is not an assessment of operation and is not based on any inside information. Since this assessment result as of the date appearing in the assessment result, it may be changed after that date or when there is any change to the relevant information. Nevertheless, MST does not confirm, verify, or certify the accuracy and completeness of the assessment result.

## US

This third-party research report is distributed in the United States ("US") to Major US Institutional Investors (as defined in Rule 15a-6 under the Securities Exchange Act of 1934, as amended) only by Maybank Securities USA Inc ("MSUS"), a broker-dealer registered in the US (registered under Section 15 of the Securities Exchange Act of 1934, as amended). All responsibility for the distribution of this report by MSUS in the US shall be borne by MSUS. This report is not directed at you if Maybank IBG is prohibited or restricted by any legislation or regulation in any jurisdiction from making it available to you. You should satisfy yourself before reading it that MSUS is permitted to provide research material concerning investments to you under relevant legislation and regulations. All U.S. persons receiving and/or accessing this report and wishing to effect transactions in any security mentioned within must do so with: Maybank Securities USA Inc. 400 Park Avenue, 11th Floor, New York, New York 10022, 1-(212) 688-8886 and not with, the issuer of this report.



## UK

This document is being distributed by Maybank Securities (London) Ltd ("MSUK") which is authorized and regulated, by the Financial Conduct Authority and is for Informational Purposes only. This document is not intended for distribution to anyone defined as a Retail Client under the Financial Services and Markets Act 2000 within the UK. Any inclusion of a third party link is for the recipients convenience only, and that the firm does not take any responsibility for its comments or accuracy, and that access to such links is at the individuals own risk. Nothing in this report should be considered as constituting legal, accounting or tax advice, and that for accurate guidance recipients should consult with their own independent tax advisers.

## **DISCLOSURES**

## **Legal Entities Disclosures**

Malaysia: This report is issued and distributed in Malaysia by Maybank Investment Bank Berhad (15938- H) which is a Participating Organization of Bursa Malaysia Berhad and a holder of Capital Markets and Services License issued by the Securities Commission in Malaysia. Singapore: This report is distributed in Singapore by MRPL (Co. Reg No 198700034E) which is regulated by the Monetary Authority of Singapore. Indonesia: PT Maybank Sekuritas Indonesia ("PTMSI") (Reg. No. KEP-251/PM/1992) is a member of the Indonesia Stock Exchange and is regulated by the Financial Services Authority (Indonesia). Thailand: MST (Reg. No.0107545000314) is a member of the Stock Exchange of Thailand and is regulated by the Ministry of Finance and the Securities and Exchange Commission. Philippines: Maybank Securities Inc (Reg. No.01-2004-00019) is a member of the Philippines Stock Exchange and is regulated by the Securities and Exchange Commission. Vietnam: Maybank Securities Limited (License Number: 117/GP-UBCK) is licensed under the State Securities Commission of Vietnam. Hong Kong: MIB Securities (Hong Kong) Limited (Central Entity No AAD284) is regulated by the Securities and Futures Commission. India: MIB Securities India Private Limited ("MIBSI") is a participant of the National Stock Exchange of India Limited and the Bombay Stock Exchange and is regulated by Securities and Exchange Board of India ("SEBI") (Reg. No. INZ000010538). MIBSI is also registered with SEBI as Category 1 Merchant Banker (Reg. No. INM 000011708) and as Research Analyst (Reg No: INH000000057) US: Maybank Securities USA Inc is a member of/and is authorized and regulated by the FINRA - Broker ID 27861. UK: Maybank Securities (London) Ltd (Reg No 2377538) is authorized and regulated by the Financial Conduct Authority.

## **Disclosure of Interest**

Malaysia: Maybank IBG and its Representatives may from time to time have positions or be materially interested in the securities referred to herein and may further act as market maker or may have assumed an underwriting commitment or deal with such securities and may also perform or seek to perform investment banking services, advisory and other services for or relating to those companies.

Singapore: As o, Maybank Research Pte. Ltd. and the covering analyst do not have any interest in any companies recommended in this research report.

**Thailand:** MST may have a business relationship with or may possibly be an issuer of derivative warrants on the securities /companies mentioned in the research report. Therefore, Investors should exercise their own judgment before making any investment decisions. MST, its associates, directors, connected parties and/or employees may from time to time have interests and/or underwriting commitments in the securities mentioned in this report.

Hong Kong: As of 18 January 2023, MIB Securities (Hong Kong) Limited and the authoring analyst do not have any interest in any companies recommended in this research report.

India: As of 18 January 2023, and at the end of the month immediately preceding the date of publication of the research report, MIBSI, authoring analyst or their associate / relative does not hold any financial interest or any actual or beneficial ownership in any shares or having any conflict of interest in the subject companies except as otherwise disclosed in the research report.

In the past twelve months MIBSI and authoring analyst or their associate did not receive any compensation or other benefits from the subject companies or third party in connection with the research report on any account what so ever except as otherwise disclosed in the research report.

Maybank IBG may have, within the last three years, served as manager or co-manager of a public offering of securities for, or currently may make a primary market in issues of, any or all of the entities mentioned in this report or may be providing, or have provided within the previous 12 months, significant advice or investment services in relation to the investment concerned or a related investment and may receive compensation for the services provided from the companies covered in this report.

## **OTHERS**

# Analyst Certification of Independence

The views expressed in this research report accurately reflect the analyst's personal views about any and all of the subject securities or issuers; and no part of the research analyst's compensation was, is or will be, directly or indirectly, related to the specific recommendations or views expressed in the report.

## Reminder

Structured securities are complex instruments, typically involve a high degree of risk and are intended for sale only to sophisticated investors who are capable of understanding and assuming the risks involved. The market value of any structured security may be affected by changes in economic, financial and political factors (including, but not limited to, spot and forward interest and exchange rates), time to maturity, market conditions and volatility and the credit quality of any issuer or reference issuer. Any investor interested in purchasing a structured product should conduct its own analysis of the product and consult with its own professional advisers as to the risks involved in making such a purchase.

No part of this material may be copied, photocopied or duplicated in any form by any means or redistributed without the prior consent of Maybank IBG.

## Published by:



Malayan Banking Berhad (Incorporated In Malaysia)

Fixed Income

Foreign Exchange
Singapore
Saktiandi Supaat
Head, FX Research
saktiandi@maybank.com.sg
(+65) 6320 1379

Fiona Lim
Senior FX Strategist
Fionalim@maybank.com.sg
(+65) 6320 1374

Alan Lau
FX Strategist
alanlau@maybank.com
(+65) 6320 1378

Shaun Lim
FX Strategist
shaunlim@maybank.com
(+65) 6320 1371

<u>Indonesia</u> Juniman

Chief Economist, Indonesia juniman@maybank.co.id (+62) 21 2922 8888 ext 29682

Myrdal Gunarto Industry Analyst MGunarto@maybank.co.id (+62) 21 2922 8888 ext 29695 Malaysia
Winson Phoon
Head, Fixed Income
winsonphoon@maybank.com
(+65) 6340 1079

Se Tho Mun Yi Fixed Income Analyst munyi.st@maybank-ib.com (+60) 3 2074 7606

# Sales

<u>Malaysia</u> Zarina Zainal Abidin Head, Sales-Malaysia, Global Markets zarina.za@maybank.com

(+60) 03- 2786 9188

# <u>Singapore</u>

Janice Loh Ai Lin Head of Sales, Singapore jloh@maybank.com.sg (+65) 6536 1336

## <u>Indonesia</u>

Endang Yulianti Rahayu Head of Sales, Indonesia EYRahayu@maybank.co.id (+62) 21 29936318 or (+62) 2922 8888 ext 29611

## Shanghai

Joyce Ha Treasury Sales Manager Joyce.ha@maybank.com (+86) 21 28932588

## Hong Kong

Joanne Lam Sum Sum Head of Corporate Sales Hong Kong Joanne.lam@maybank.com (852) 3518 8790

## **Philippines**

Angela R. Ofrecio
Head, Global Markets Sales
Arofrecio@maybank.com
(+632 7739 1739)