

Indonesia Results Review

23 January 2025

Financial Services | Banks

Buy (Maintained)

Target Price (Return): IDR5,960 (+24%) Price (Market Cap): IDR4,790 (USD10,932m) ESG score: 3.3 (out of 4) Avg Daily Turnover (IDR/USD) 227,272m/14.2m

Analysts

David Chong, CFA +603 2302 8106 david.chongvc@rhbgroup.com



Andrey Wijaya +6221 5093 9846 andrey.wijaya@rhbgroup.com

Share Performance (%)

	YTD	1m	3m	6m	12m
Absolute	10.1	12.4	(15.2)	(6.1)	(13.3)
Relative	7.6	8.5	(8.4)	(5.2)	(13.4)
52-wk Price lov	4,130	-6,225			



Source: Bloomberg

Keep BUY, new IDR5,960 TP from IDR6,710, 24% upside with c.7% FY25F yield. Bank Negara Indonesia's 4Q24 results are in line. For the near term,

Bank Negara Indonesia (BBNI IJ)

Turning Focus To Funding Franchise; Keep BUY

management thinks liquidity conditions could stay tight due to seasonal factors, so we tone down our expectations on NIM recovery. Looking further out, BBNI has done well to clean up its books. Also, early signs on efforts to strengthen its transactional banking and - by extension - its low-cost deposit franchise, look promising. At 1x 2025F P/BV, investors looking beyond the near-term liquidity challenges should be well rewarded, in our view.

4Q24 results in line, with net profit of IDR5.2trn (-8% QoQ, flat YoY) bringing FY24 earnings to IDR21.5trn (+3% YoY), at 99% of our and 97% of consensus FY24F earnings. FY24 reported ROAE (bank only) stood at 15.8% vs 16.8% in FY23. 4Q24 PPOP rose 7% QoQ (+5% YoY), thanks mainly to the micro loans (KUR) subsidy of IDR515bn received during the quarter. Hence, group NIM was up 15bps QoQ (+17bps YoY) but would otherwise have been flat. PATMI, though, declined on top-up provisions for the SME segment. As such, group credit cost (CoC) rose to 1.4% (3Q24: 1%).

- Loan growth momentum picked up, with the loan base expanding by 5.6% QoQ (+11.6% YoY), in line with its 10-12% target. Private corporate (+11% QoQ, +20% YoY) and consumer (+4% QoQ, +14% YoY) loans were key drivers. Meanwhile, deposits rose 5% QoQ (flat YoY), with the QoQ growth led by both savings (+8% QoQ) and time (+6% QoQ) deposits. CASA ratio was stable QoQ at 70%, but LDR ticked up further to 96.3% vs 3Q24's 95.5%. The rise in LDR was partly due to efforts to shed costlier deposits, but BBNI sees LDR trending lower to around 94% in the medium term.
- Asset quality stayed benign with loans at risk (LAR) ratio lower at 10.3% (Sep. 2024: 11.8%), but the NPL ratio was stable at 2% (Sep 2024: 2%). BBNI topped up provision coverage for its Stage 2 SME loans to 40% from 20%, which led to LAR coverage improving to 48.8% (3Q24: 47.4%). NPL coverage, however, dipped to 256% (3Q24: 284%) but stayed healthy. BBNI wrote off its exposure to the Sri Rejeki Isman (SRIL IJ, NR) group in 4Q24. A small part of the CoC uptick was due to BBNI making full provisions for its exposure.
- Asset quality clean-up done, focus shifts to funding franchise. For FY25F, it targets: i) Loan growth of 8-10%%, ii) NIM of 4-4.2%, and iii) CoC of around 1%. BBNI is positive on its corporate and consumer book, while it is also looking to restart growth for the SME segment. However, management is shifting to a funding-led growth strategy by leveraging off its digital platforms - "wondr" for retail and "BNIdirect" for wholesale - to drive low cost transactional CASA deposits. In the near term, if liquidity conditions are better than expected, BBNI sees room to crank up loan growth. If liquidity conditions prove challenging, the focus will be on managing NIMs instead.
- We trim FY25F-26F earnings by 3% and 7% on the assumption of a more modest NIM rebound, leading to a lower ROE assumption in our GGMderived valuation. Our TP includes a 6% ESG premium.

Forecasts and Valuation	Dec-23	Dec-24	Dec-25F	Dec-26F	Dec-27F
Reported net profit (IDRb)	20,909	21,464	23,459	25,747	28,110
Net profit growth (%)	14.2	2.7	9.3	9.8	9.2
Recurring net profit (IDRb)	20,909	21,464	23,459	25,747	28,110
Recurring EPS (IDR)	560.62	575.47	628.98	690.33	753.68
BVPS (IDR)	3,964.74	4,295.23	4,596.46	4,940.85	5,314.85
DPS (IDR)	280.31	316.51	345.94	379.68	414.53
Recurring P/E (x)	8.54	8.32	7.62	6.94	6.36
P/B (x)	1.21	1.12	1.04	0.97	0.90
Dividend Yield (%)	5.9	6.6	7.2	7.9	8.7
Return on average equity (%)	14.9	13.9	14.1	14.5	14.7

Source: Company data, RHB

Overall ESG Score: 3.3 (out of 4)

BBNI has a 5-pillar comprehensive sustainability strategy that supports the achievement of the goals of sustainable development. It targets to achieve net-zero emissions in operations by 2028 and in financing by 2060. Outstanding loans to eco-friendly business activities were at IDR68trn, ie 9.8% of total loans at end 2023.

S: EXCELLENT

The bank is active in its support of the Government's People's Business Credit or KUR, which forms 39% of outstanding MSME loans. BBNI believes in employee diversity, with women accounting for 52% of its total workforce and 30% of top management.

G: EXCELLENT

BBNI actively provides education related to sustainability and governance to stakeholders. Six out of 11 of its board of commissioners are independent commissioners.



Financial Exhibits

•		•	
I	ndo	nesi	а
c	in	ncial	c.

Financial Services

Bank Negara Indonesia

BBNI IJ

Buy

Valuation basis

GGM with key assumptions:

- i. COE of 12.4%;
- ii. ROE of 14%;
- iii. Long-term growth of 5.5%

Key drivers

Our forecasts are most sensitive to changes in:

- i. Provision charges;
- ii. Net interest margin;
- iii. Loan growth.

Key risks

Key downside risks are:

- i. Sharply higher inflation impacting loan growth and asset quality;
- ii. NIM pressure stemming from competition and higher cost of funds.

Company Profile

Bank Negara Indonesia is Indonesia's fourth-largest bank by asset, and is majority-controlled by the Government. The bank has strong exposure in corporate and SME banking, particularly towards state-owned enterprise-linked infrastructure projects.

Financial summary (IDR)	Dec-23	Dec-24	Dec-25F	Dec-26F	Dec-27F
EPS	560.62	575.47	628.98	690.33	753.68
Recurring EPS	560.62	575.47	628.98	690.33	753.68
DPS	280.31	316.51	345.94	379.68	414.53
BVPS	3,964.74	4,295.23	4,596.46	4,940.85	5,314.85
Valuation metrics	Dec-23	Dec-24	Dec-25F	Dec-26F	Dec-27F
Recurring P/E (x)	8.54	8.32	7.62	6.94	6.36
P/B (x)	1.2	1.1	1.0	1.0	0.9
Dividend Yield (%)	5.9	6.6	7.2	7.9	8.7
Income statement (IDRb)	Dec-23	Dec-24	Dec-25F	Dec-26F	Dec-27F
Interest income	61,472	66,583	70,234	75,109	80,695
	(20,196)	(26,103)	(27,387)	(28,910)	(30,741)
Interest expense Net interest income	41,276	40,480	42,848	46,199	49,955
Non interest income	21,472	24,035	25,785	27,560	29,127
Total operating income	62,747	64,515	68,632	73,759	79,082
Overheads					(34,859)
Pre-provision operating profit	(27,611) 35,137	(30,112) 34,402	(31,618) 37,014	(33,199) 40,560	44,223
Loan impairment allowances					(9,587)
Other exceptional items	(9,363) (134)	(7,787)	(8,108)	(8,838)	(36)
Pre-tax profit					34,600
Taxation	25,640 (4,534)	26,580	28,872	31,689	
		(4,911)	(5,197)	(5,704)	(6,228)
Minority interests	(197)	(206)	(216)	(238)	(261)
Reported net profit	20,909	21,464	23,459	25,747	28,110
Recurring net profit	20,909	21,464	23,459	25,747	28,110
Profitability ratios	Dec-23	Dec-24	Dec-25F	Dec-26F	Dec-27F
Return on average assets (%)	2.0	1.9	2.0	2.0	2.0
Return on average equity (%)	14.9	13.9	14.1	14.5	14.7
Return on IEAs (%)	6.0	6.2	6.3	6.3	6.3
Cost of funds (%)	2.3	2.9	2.9	2.8	2.7
Net interest spread (%)	3.6	3.3	3.4	3.5	3.5
Net interest margin (%)	4.0	3.8	3.8	3.9	3.9
Non-interest income / total income (%)	34.2	37.3	37.6	37.4	36.8
Cost to income ratio (%)	44.0	46.7	46.1	45.0	44.1
Credit cost (bps)	140	106	100	100	100
Balance sheet (IDRb)	Dec-23	Dec-24	Dec-25F	Dec-26F	Dec-27F
Total gross loans	839,158	866,691	940,152	1,019,722	1,097,050
Other interest earning assets	358,350	306,801	304,548	317,997	333,983
Total gross IEAs	1,053,435	1,082,673	1,150,248	1,239,810	1,329,542
Total provisions	(48,503)	(39,830)	(39,709)	(40,369)	(40,570)
Net loans to customers	647,927	737,187	807,136	882,590	956,134
Total net IEAs	1,004,932	1,042,842	1,110,539	1,199,441	1,288,972
Total non-IEAs	81,732	86,963	106,595	120,901	135,073
Total assets	1,086,664	1,129,806	1,217,134	1,320,342	1,424,045
Customer deposits	810,730	805,511	878,007	957,027	1,033,590
Other interest-bearing liabilities	78,340	113,976	113,044	119,404	127,115
Total IBLs	889,070	919,486	991,050	1,076,431	1,160,705
Total non-IBLs	42,861	43,133	47,446	52,190	57,410
Total liabilities	931,931	962,619	1,038,496	1,128,622	1,218,114
Share capital	26,325	26,388	26,388	26,388	26,388
Shareholders' equity	147,874	160,201	171,435	184,280	198,230
Minority interests	6,859	6,986	7,202	7,440	7,701
A A I'd I'd. I	D 00	D 01	D. 055	D: 0/F	.
Asset quality and capital Reported NPLs / gross cust loans (%)	Dec-23	Dec-24	Dec-25F 1.9	Dec-26F 1.9	Dec-27F
	2.1	2.0			1.8
Total provisions / reported NPLs (%)	296.4	249.0	283.4	300.6	313.1
CET-1 ratio (%)	20.2	18.9	19.1	19.3	19.6
Tier-1 ratio (%)	21.5	20.2	20.3	20.4	20.6
Total capital ratio (%)	23.2	21.7	21.7	21.8	22.1

Source: Company data, RHB



23 January 2025

Results At a Glance

Figure 1: BBNI - summary of 4Q24 and FY24 results

FYE Dec (IDRbn)	4Q23	3Q24	4Q24	QoQ (%)	YoY (%)	FY23	FY24	YoY (%)	% of RHB	% of cons.
T TE Dec (IDRDII)	7420	0QZ-1	1921	(70)	(70)	1120	1127	101 (70)	70 01 10115	CO113.
Interest income	15,253	16,663	17,747	6.5%	16.3%	61,472	66,583	8.3%		
Interest expense	5,114	6,296	6,705	6.5%	31.1%	20,196	26,103	29.2%		
Net interest income	10,139	10,367	11,042	6.5%	8.9%	41,276	40,480	-1.9%		
			,-			,	,			
Non-interest income	6,822	5,913	7,198	21.7%	5.5%	21,338	23,999	12.5%		
Total operating income	16,961	16,279	18,240	12.0%	7.5%	62,614	64,479	3.0%		
						,	Í			
Operating expenses	8,085	7,526	8,904	18.3%	10.1%	27,611	30,112	9.1%		
PPOP	8,876	8,753	9,335	6.7%	5.2%	35,003	34,367	-1.8%		
Provision expense	2,635	1,786	2,618	46.6%	-0.7%	9,363	7,787	-16.8%		
Operating profit	6,241	6,967	6,718	-3.6%	7.6%	25,640	26,580	3.7%		
						,	Í			
Net profit	5,156	5,617	5,155	-8.2%	0.0%	20,909	21,464	2.7%	99%	97%
•						·				
				Q ₀ Q	YoY					
Balance sheet (IDRbn)	Dec-23	Sep-24	Dec-24	(%)	(%)					
Loans	695,085	735,018	775,872	5.6%	11.6%					
Deposit	810,730	769,739	805,511	4.6%	-0.6%					
- CASA	577,478	541,194	563,278	4.1%	-2.5%					
- Time deposits	233,253	228,545	242,233	6.0%	3.8%					
Ratios - Bank Only	FY23	9M24	FY24							
ROAA (%)	2.6%	2.5%	2.5%							
ROAE (%)	16.8%	16.4%	15.8%							
NIM (%)	4.58%	4.15%	4.24%							
CoC (%)	1.4%	1.0%	1.1%							
CASA (%)	71.2%	70.3%	69.9%							
LDR (%)	85.7%	95.5%	96.3%							
CIR (%)	44.1%	45.8%	46.7%							
NPL (%)	2.14%	1.97%	1.97%							
CAR (%)	22.0%	21.8%	21.4%							
Loan loss coverage (%)	319.0%	284.2%	255.8%							

Source: Company data, RHB

Management guidance and targets for FY25

Figure 2: BBNI met most of its FY24 targets; now for FY25

	FY23 achieved	FY24 achieved	FY24 guidance	FY25 guidance	Comments
Loans growth	7.6%	11.6%	10-12%	8-10%	The corporate and consumer segments will continue to drive growth, but BBNI is placing greater emphasis on a liability-led growth strategy. If liquidity conditions pan out to be better than expected, BBNI could turn on the tap for loan growth. Conversely, should liquidity conditions stay challenging, the focus will be on managing NIMs instead.
NIM (bank-only)	4.6%	4.24%	≥4.0%	4.0-4.2%	We estimate 4Q24 group NIM rose 15bps QoQ (+17bps YoY) due to the KUR subsidy. Stripping this out, we estimate NIM was flat QoQ.
					BBNI plans to front-load liquidity in 1Q25. in anticipation of seasonally tighter liquidity in 1H due to dividend payments and Lebaran, among others. As such, NIM is likely to undergo some pressure during this period.
Credit cost (bank-only)	1.4%	1.1%	c.1.0%	c. 1.0%	BBNI expects CoC of 1% to be a sustainable run rate in the medium term. This takes into account plans to restart growth in the SME segment, where CoC is typically around $2\text{-}3\%$.

Source: Company data, RHB



Earnings forecasts

Our FY25-26F numbers have been updated for the full-year FY24 results, and to take into account management's targets/guidance. Consequently, we trim FY25F and FY26F net profit by 3% and 7%, mainly on lower NIM assumptions after updating for FY24 (actual) numbers, and to factor in a more modest rebound ahead – given management's outlook that 1H25 liquidity conditions could remain tight. This, however, is cushioned by revised CoC assumptions of 1% pa, from 1.1-1.15%. We have also lifted our dividend payout assumption to 55% pa from 50% pa.

On the whole, we now project FY25F earnings to rise 9% YoY, with key drivers being:

- i. 6% YoY NII growth, driven by loan volume;
- ii. A slight drop in CoC to 1%, from 1.06% in 2024.

Figure 3: BBNI - revisions to earnings forecasts

	Previous	Previous	Previous	Revised	Revised	Revised	% Change	% Change	% Change
FYE Dec	FY25F	FY26F	FY27F	FY25F	FY26F	FY27F	FY25F	FY26F	FY27F
(IDRbn)									
NII	44,463	48,824	new	42,848	46,199	49,955	-4%	-5%	n.m.
Operating income	68,873	74,921	new	68,632	73,759	79,082	0%	-2%	n.m.
PPOP	39,157	43,719	new	37,014	40,560	44,223	-5%	-7%	n.m.
Provision expenses	9,188	9,580	new	8,108	8,838	9,587	-12%	-8%	n.m.
Net profit	24,242	27,628	new	23,459	25,747	28,110	-3%	-7%	n.m.
EPS (IDR)	650	741	new	629	690	754	-3%	-7%	n.m.
EPS growth (%)	12.3%	14.0%		9.3%	9.8%	9.2%			
Loans	833,407	908,413	new	845,700	921,813	995,558	1%	1%	n.m.
Loan growth (%)	9.0%	9.0%		9.0%	9.0%	8.0%			
NIM (%)	3.99%	4.07%	new	3.95%	3.98%	4.01%			
CIR (%)	43.1%	41.6%	new	46.1%	45.0%	44.1%			
Credit cost (%)	1.15%	1.10%	new	1.00%	1.00%	1.00%			
BVPS (IDR)	4,629	5,044	new	4,596	4,941	5,315	-1%	-2%	n.m.
DPS (IDR)	325	370	new	346	380	415	6%	3%	n.m.
ROE	14.6%	15.3%	new	14.1%	14.5%	14.7%	-4%	-5%	n.m.

Source: Company data, RHB



Valuation and TP

We trim our TP to IDR5,960 from IDR6,710. The change reflects the update to book value, coupled with the earnings forecast revisions above, which have prompted us to revise our sustainable ROE assumption to 14% from 15%.

Following the above revisions, our intrinsic value is now IDR5,625 from IDR6,330 previously, based on an updated GGM-derived P/BV of 1.22x (from 1.37x) or around the long-term mean level. The TP includes an unchanged ESG premium of 6% applied, given BBNI's ESG score of 3.3 out of 4.0, using our proprietary in-house methodology.

Figure 4: BBNI - GGM valuation with ESG overlay

Cost of equity (COE) computation:		Sustainable ROE (%)	14.0
Risk free rate (%)	6.7	COE (%)	12.4
Equity premium (%)	5.0	Long-term growth (g)	5.5
Beta (x)	1.15	Implied P/BV (x)	1.22
Cost of equity - CAPM (%)	12.4	BVPS - Dec '25	IDR4,596
		Intrinsic value	IDR5,625
ESG premium/(discount) (%)	6.0	ESG premium/(discount)	IDR337
		TP (rounded)	IDR5,960

Source: Company data, RHB

Figure 5: BBNI's 12-month forward consensus P/E

Figure 6: BBNI's 12-month forward consensus P/BV



Source: Bloomberg, RHB

Source: Bloomberg, RHB

Emissions And ESG

Trend	

BBNI has upgraded its emissions data over the years, which includes adjusting the calculation methodology in terms of the classification of emission sources. Its Scope 2 emissions included electricity use in all BBNI offices from 2022 onwards.

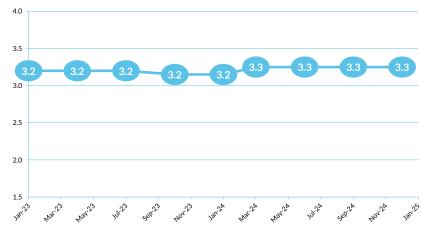
Emissions (tCO2e)	Dec-22	Dec-23	Dec-24
Scope 1	122	18,600	na
Scope 2	295,209	170,760	na
Scope 3	2,903	7,180	na
Total emissions	298,234	196,540	na

Source: Company data, RHB

Latest ESG-Related Developments

- Net zero roadmap: BBNI is in the process of establishing short-, mid-, and long-term net-zero emissions roadmaps as its commitment to the path towards net-zero emissions.
- Financed emissions: Scope 3 greenhouse gas or GHG emissions from financing activities encompass 90% of debtors from the corporate segment, and BBNI also adopts the Partnership for Carbon Accounting Financials (PCAF) method.
- Financing sectors with high sustainability risk: BBNI applies ESG risks assessment criteria on four sectors that have been identified as high-risk, ie oil palm plantations, mining, construction and energy.

ESG Rating History



Source: RHB

Recommendation Chart



Source: RHB, Bloomberg

Date	Recommendation	Target Price	Price
2024-10-27	Buy	6,710	5,650
2024-08-23	Buy	6,220	5,450
2024-06-25	Buy	5,730	4,480
2024-04-05	Buy	6,530	5,300
2024-03-21	Buy	6,500	5,800
2024-01-28	Buy	6,400	5,425
2023-10-31	Buy	6,250	4,790
2023-10-16	Buy	6,250	5,200
2023-04-25	Buy	11,700	4,738
2023-01-25	Buy	12,000	4,538
2022-10-25	Buy	11,600	4,713
2022-08-01	Buy	10,400	3,975
2022-04-26	Buy	11,300	4,800
2022-01-27	Buy	9,000	3,600
2021-10-25	Buy	9,000	3,675

Source: RHB, Bloomberg



RHB Guide to Investment Ratings

Buy: Share price may exceed 10% over the next 12 months

Trading Buy: Share price may exceed 15% over the next 3 months, however longer-

term outlook remains uncertain

Neutral: Share price may fall within the range of +/- 10% over the next

12 months

 Take Profit:
 Target price has been attained. Look to accumulate at lower levels

 Sell:
 Share price may fall by more than 10% over the next 12 months

Not Rated: Stock is not within regular research coverage

Investment Research Disclaimers

RHB has issued this report for information purposes only. This report is intended for circulation amongst RHB and its affiliates' clients generally or such persons as may be deemed eligible by RHB to receive this report and does not have regard to the specific investment objectives, financial situation and the particular needs of any specific person who may receive this report. This report is not intended, and should not under any circumstances be construed as, an offer or a solicitation of an offer to buy or sell the securities referred to herein or any related financial instruments.

This report may further consist of, whether in whole or in part, summaries, research, compilations, extracts or analysis that has been prepared by RHB's strategic, joint venture and/or business partners. No representation or warranty (express or implied) is given as to the accuracy or completeness of such information and accordingly investors should make their own informed decisions before relying on the same.

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 the applicable laws or regulations. By accepting this report, the recipient hereof (i) represents and warrants that it is lawfully able to receive this document under the laws and regulations of the jurisdiction in which it is located or other applicable laws and (ii) acknowledges and agrees to be bound by the limitations contained herein. Any failure to comply with these limitations may constitute a violation of applicable laws.

All the information contained herein is based upon publicly available information and has been obtained from sources that RHB believes to be reliable and correct at the time of issue of this report. However, such sources have not been independently verified by RHB and/or its affiliates and this report does not purport to contain all information that a prospective investor may require. The opinions expressed herein are RHB's present opinions only and are subject to change without prior notice. RHB is not under any obligation to update or keep current the information and opinions expressed herein or to provide the recipient with access to any additional information. Consequently, RHB does not guarantee, represent or warrant, expressly or impliedly, as to the adequacy, accuracy, reliability, fairness or completeness of the information and opinion contained in this report. Neither RHB (including its officers, directors, associates, connected parties, and/or employees) nor does any of its agents accept any liability for any direct, indirect or consequential losses, loss of profits and/or damages that may arise from the use or reliance of this research report and/or further communications given in relation to this report. Any such responsibility or liability is hereby expressly disclaimed.

Whilst every effort is made to ensure that statement of facts made in this report are accurate, all estimates, projections, forecasts, expressions of opinion and other subjective judgments contained in this report are based on assumptions considered to be reasonable and must not be construed as a representation that the matters referred to therein will occur. Different assumptions by RHB or any other source may yield substantially different results and recommendations contained on one type of research product may differ from recommendations contained in other types of research. The performance of currencies may affect the value of, or income from, the securities or any other financial instruments referenced in this report. Holders of depositary receipts backed by the securities discussed in this report assume currency risk. Past performance is not a guide to future performance. Income from investments may fluctuate. The price or value of the investments to which this report relates, either directly or indirectly, may fall or rise against the interest of investors.

This report may contain comments, estimates, projections, forecasts and expressions of opinion relating to macroeconomic research published by RHB economists of which should not be considered as investment ratings/advice and/or a recommendation by such economists on any securities discussed in this report.

This report does not purport to be comprehensive or to contain all the information that a prospective investor may need in order to make an investment decision. The recipient of this report is making its own independent assessment and decisions regarding any securities or financial instruments referenced herein. Any investment discussed or recommended in this report may be unsuitable for an investor depending on the investor's specific investment objectives and financial position. The material in this report is general information intended for recipients who understand the risks of investing in financial instruments. This report does not take into account whether an investment or course of action and any associated risks are suitable for the recipient. Any recommendations contained in this report must therefore not be relied upon as investment advice based on the recipient's personal circumstances. Investors should make their own independent evaluation of the information contained herein, consider their own investment objective, financial situation and particular needs and seek their own financial, business, legal, tax and other advice regarding the appropriateness of investing in any securities or the investment strategies discussed or recommended in this report.

This report may contain forward-looking statements which are often but not always identified by the use of words such as "believe", "estimate", "intend" and "expect" and statements that an event or result "may", "will" or "might" occur or be achieved and other similar expressions. Such forward-looking statements are based on assumptions made and information currently available to RHB and are subject to known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievement to be materially different from any future results, performance or achievement, expressed or implied by such forward-looking statements. Caution should be taken with respect to such statements and recipients of this report should not place undue reliance on any such forward-looking statements. RHB expressly disclaims any obligation to update or revise any forward-looking statements, whether as a result of new information, future events or circumstances after the date of this publication or to reflect the occurrence of unanticipated events.

The use of any website to access this report electronically is done at the recipient's own risk, and it is the recipient's sole responsibility to take precautions to ensure that it is free from viruses or other items of a destructive nature. This report may also provide the addresses of, or contain hyperlinks to, websites. RHB takes no responsibility for the content contained therein. Such addresses or hyperlinks (including addresses or hyperlinks to RHB own website material) are provided solely for the recipient's convenience. The information and the content of the linked site do not in any way form part of this report. Accessing such website or following such link through the report or RHB website shall be at the recipient's own risk

This report may contain information obtained from third parties. Third party content providers do not guarantee the accuracy, completeness, timeliness or availability of any information and are not responsible for any errors or omissions (negligent or otherwise), regardless of the cause, or for the results obtained from the use of such content. Third party content providers give no express or implied warranties, including, but not limited to, any warranties of merchantability or fitness for a particular purpose or use. Third party content providers shall not be liable for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees, or losses (including lost income or profits and opportunity costs) in connection with any use of their content.

The research analysts responsible for the production of this report hereby certifies that the views expressed herein accurately and exclusively reflect his or her personal views and opinions about any and all of the issuers or securities analysed in this report and were prepared independently and autonomously. The research analysts that authored this report are precluded by RHB in all circumstances from trading in the securities or other financial instruments referenced in the report, or from having an interest in the company(ies) that they cover.

The contents of this report is strictly confidential and may not be copied, reproduced, published, distributed, transmitted or passed, in whole or in part, to any other person without the prior express written consent of RHB and/or its affiliates. This report has been delivered to RHB and its affiliates' clients for information purposes only and upon the express understanding that such parties will use it only for the purposes set forth above. By electing to view or accepting a copy of this report, the recipients have agreed that they will not print, copy, videotape, record, hyperlink, download, or otherwise attempt to reproduce or re-transmit (in any form including hard copy or electronic distribution format) the contents of this report. RHB and/or its affiliates accepts no liability whatsoever for the actions of third parties in this respect.

The contents of this report are subject to copyright. Please refer to Restrictions on Distribution below for information regarding the distributors of this report. Recipients must not reproduce or disseminate any content or findings of this report without the express permission of RHB and the distributors.

The securities mentioned in this publication may not be eligible for sale in some states or countries or certain categories of investors. The recipient of this report should have regard to the laws of the recipient's place of domicile when contemplating transactions in the securities or other financial instruments referred to herein. The securities discussed in this report may not have been registered in such jurisdiction. Without prejudice to the foregoing, the recipient is to note that additional disclaimers, warnings or qualifications may apply based on geographical location of the person or entity receiving this report.

The term "RHB" shall denote, where appropriate, the relevant entity distributing or disseminating the report in the particular jurisdiction referenced below, or, in every other case, RHB Investment Bank Berhad and its affiliates, subsidiaries and related companies

RESTRICTIONS ON DISTRIBUTION

Malaysia

This report is issued and distributed in Malaysia by RHB Investment Bank Berhad ("RHBIB"). The views and opinions in this report are our own as of the date hereof and is subject to change. If the Financial Services and Markets Act of the United Kingdom or the rules of the Financial Conduct Authority apply to a recipient, our obligations owed to such recipient therein are unaffected. RHBIB has no obligation to update its opinion or the information in this report.

Indonesia

This report is issued and distributed in Indonesia by PT RHB Sekuritas Indonesia. This research does not constitute an offering document and it should not be construed as an offer of securities in Indonesia. Any securities offered or sold, directly or indirectly, in Indonesia or to any Indonesian citizen or corporation (wherever located) or to any



Indonesian resident in a manner which constitutes a public offering under Indonesian laws and regulations must comply with the prevailing Indonesian laws and regulations.

Singapore

This report is issued and distributed in Singapore by RHB Bank Berhad (through its Singapore branch) which is an exempt capital markets services entity and an exempt financial adviser regulated by the Monetary Authority of Singapore. RHB Bank Berhad (through its Singapore branch) may distribute reports produced by its respective foreign entities, affiliates or other foreign research houses pursuant to an arrangement under Regulation 32C of the Financial Advisers Regulations. Where the report is distributed in Singapore to a person who is not an Accredited Investor, Expert Investor or an Institutional Investor, RHB Bank Berhad (through its Singapore branch) accepts legal responsibility for the contents of the report to such persons only to the extent required by law. Singapore recipients should contact RHB Bank Berhad (through its Singapore branch) in respect of any matter arising from or in connection with the report.

United States

This report was prepared by RHB is meant for distribution solely and directly to "major" U.S. institutional investors as defined under, and pursuant to, the requirements of Rule 15a-6 under the U.S. Securities and Exchange Act of 1934, as amended (the "Exchange Act") via a registered U.S. broker-dealer as appointed by RHB from time to time. Accordingly, any access to this report via Bursa Marketplace or any other Electronic Services Provider is not intended for any party other than "major" US institutional investors (via a registered U.S broker-dealer), nor shall be deemed as solicitation by RHB in any manner. RHB is not registered as a broker-dealer in the United States and currently has not appointed a U.S. broker-dealer. Additionally, RHB does not offer brokerage services to U.S. persons. Any order for the purchase or sale of all securities discussed herein must be placed with and through a registered U.S. broker-dealer as appointed by RHB from time to time as required by the Exchange Act Rule 15a-6. For avoidance of doubt, RHB reiterates that it has not appointed any U.S. broker-dealer during the issuance of this report. This report is confidential and not intended for $distribution \ to, or \ use \ by, persons \ other \ than \ the \ recipient \ and \ its \ employees, agents \ and$ advisors, as applicable. Additionally, where research is distributed via Electronic Service Provider, the analysts whose names appear in this report are not registered or qualified as research analysts in the United States and are not associated persons of any registered U.S. broker-dealer as appointed by RHB from time to time and therefore may not be subject to any applicable restrictions under Financial Industry Regulatory Authority ("FINRA") rules on communications with a subject company, public appearances and personal trading. Investing in any non-U.S. securities or related financial instruments discussed in this research report may present certain risks. The securities of non-U.S. issuers may not be registered with, or be subject to the regulations of, the U.S. Securities and Exchange Commission. Information on non-U.S. securities or related financial instruments may be limited. Foreign companies may not be subject to audit and reporting standards and regulatory requirements comparable to those in the United States. The financial instruments discussed in this report may not be suitable for all investors. Transactions in foreign markets may be subject to regulations that differ from or offer less protection than those in the United States.

DISCLOSURE OF CONFLICTS OF INTEREST

RHB Investment Bank Berhad, its subsidiaries (including its regional offices) and associated companies, ("RHBIB Group") form a diversified financial group, undertaking various investment banking activities which include, amongst others, underwriting, securities trading, market making and corporate finance advisory.

As a result of the same, in the ordinary course of its business, any member of the RHBIB Group, may, from time to time, have business relationships with, hold any positions in the securities and/or capital market products (including but not limited to shares, warrants, and/or derivatives), trade or otherwise effect transactions for its own account or the account of its customers or perform and/or solicit investment, advisory or other services from any of the subject company(ies) covered in this research report.

While the RHBIB Group will ensure that there are sufficient information barriers and internal controls in place where necessary, to prevent/manage any conflicts of interest to ensure the independence of this report, investors should also be aware that such conflict of interest may exist in view of the investment banking activities undertaken by the RHBIB Group as mentioned above and should exercise their own judgement before making any investment decisions.

In Singapore, investment research activities are conducted under RHB Bank Berhad (through its Singapore branch), and the disclaimers above similarly apply.

Malaysia

Save as disclosed in the following link RHB Research Conflict Disclosures - Jan 2025 and to the best of our knowledge, RHBIB hereby declares that:

- RHBIB does not have a financial interest in the securities or other capital market products of the subject company(ies) covered in this report.
- RHBIB is not a market maker in the securities or capital market products of the subject company(ies) covered in this report.
- None of RHBIB's staff or associated person serve as a director or board member* of the subject company(ies) covered in this report
 - *For the avoidance of doubt, the confirmation is only limited to the staff of research department

- RHBIB did not receive compensation for investment banking or corporate finance services from the subject company in the past 12 months.
- RHBIB did not receive compensation or benefit (including gift and special cost arrangement e.g. company/issuer-sponsored and paid trip) in relation to the production of this report.

Indonesia

Save as disclosed in the following link RHB Research Conflict Disclosures - Jan 2025 and to the best of our knowledge, PT RHB Sekuritas Indonesia hereby declares that:

- PT RHB Sekuritas Indonesia and its investment analysts, does not have any interest in the securities of the subject company(ies) covered in this report.
 For the avoidance of doubt, interest in securities include the following:
 - Holding directly or indirectly, individually or jointly own/hold securities or entitled for dividends, interest or proceeds from the sale or exercise of the subject company's securities covered in this report*;
 - b) Being bound by an agreement to purchase securities or has the right to transfer the securities or has the right to pre subscribe the securities*.
 - c) Being bound or required to buy the remaining securities that are not subscribed/placed out pursuant to an Initial Public Offering*.
 - d) Managing or jointly with other parties managing such parties as referred to in (a), (b) or (c) above.
- 2. PT RHB Sekuritas Indonesia is not a market maker in the securities or capital market products of the subject company(ies) covered in this report.
- None of PT RHB Sekuritas Indonesia's staff** or associated person serve as a director or board member* of the subject company(ies) covered in this report.
- PT RHB Sekuritas Indonesia did not receive compensation for investment banking or corporate finance services from the subject company in the past 12 months.
- 5. PT RHB Sekuritas Indonesia** did not receive compensation or benefit (including gift and special cost arrangement e.g. company/issuer-sponsored and paid trip) in relation to the production of this report:

Notes.

*The overall disclosure is limited to information pertaining to PT RHB Sekuritas Indonesia only.
**The disclosure is limited to Research staff of PT RHB Sekuritas Indonesia only.

Singanore

Save as disclosed in the following link <u>RHB Research Conflict Disclosures - Jan 2025</u> and to the best of our knowledge, the Singapore Research department of RHB Bank Berhad (through its Singapore branch) hereby declares that:

- RHB Bank Berhad, its subsidiaries and/or associated companies do not make a market in any issuer covered by the Singapore research analysts in this report.
- RHB Bank Berhad, its subsidiaries and/or its associated companies and its analysts
 do not have a financial interest (including a shareholding of 1% or more) in the
 issuer covered by the Singapore research analysts in this report.
- RHB Bank Berhad's Singapore research staff or connected persons do not serve
 on the board or trustee positions of the issuer covered by the Singapore research
 analysts in this report.
- 4. RHB Bank Berhad, its subsidiaries and/or its associated companies do not have and have not within the last 12 months had any corporate finance advisory relationship with the issuer covered by the Singapore research analysts in this report or any other relationship that may create a potential conflict of interest.
- 5. RHB Bank Berhad's Singapore research analysts, or person associated or connected to it do not have any interest in the acquisition or disposal of, the securities, specified securities based derivatives contracts or units in a collective investment scheme covered by the Singapore research analysts in this report.
- RHB Bank Berhad's Singapore research analysts do not receive any compensation
 or benefit in connection with the production of this research report or
 recommendation on the issuer covered by the Singapore research analysts.

Analyst Certification

The analyst(s) who prepared this report, and their associates hereby, certify that: (1) they do not have any financial interest in the securities or other capital market products of the subject companies mentioned in this report, except for:

Analyst	Company
_	-

(2) no part of his or her compensation was, is or will be directly or indirectly related to the specific recommendations or views expressed in this report.





KUALA LUMPUR

RHB Investment Bank Bhd Level 3A, Tower One, RHB Centre

Jalan Tun Razak Kuala Lumpur 50400 Malaysia

Tel:+603 2302 8100 Fax:+603 2302 8134

SINGAPORE

RHB Bank Berhad (Singapore branch)

90 Cecil Street #04-00 RHB Bank Building Singapore 069531 Fax: +65 6509 0470

JAKARTA

PT RHB Sekuritas Indonesia

Revenue Tower, 11th Floor, District 8 - SCBD Jl. Jendral Sudirman Kav 52-53 Jakarta 12190 Indonesia

Tel: +6221 5093 9888 Fax: +6221 5093 9777

