

Malaysia Company Update

29 November 2024

FGV Holdings (FGV MK)

Expecting Decent Earnings For 4Q24F

Agriculture | Plantation

Neutral (Maintained)

Target Price (Return): MYR1.27 (+11%)
Price (Market Cap): MYR1.14 (USD936m)
ESG score: 2.4 (out of 4)
Avg Daily Turnover (MYR/USD) 0.48m/0.11m

Analyst

Hoe Lee Leng +603 2302 8110 hoe.lee.leng@rhbgroup.com



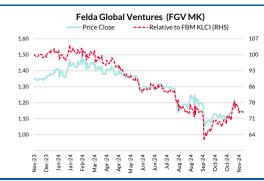
- Keep NEUTRAL and SOP-based MYR1.27 TP, 11% upside and c.4% FY25F yield. Post-analyst briefing, we make no changes to our forecasts. We expect earnings to remain decent in 4Q24 on higher CPO prices, albeit offset by moderating FFB output and higher unit costs on increased fertilisation activities. Valuation remains unexciting the stock is trading at 11.2x FY25F P/E, at the high end of its peer range of 7-11x.
- 9M24 results recap. 9M24 core net profit came in above our and consensus expectations, at 136-223% of FY24F. Core net profit rose strongly QoQ in 3Q24 to MYR208.4m (from MYR42.6m in 2Q24).
- FFB output growth projected at 10-15% for FY24 and 5-8% for FY25. FGV Holdings noted that the peak output month this year was in August, with 3Q24 being the peak quarter. 4Q24 output is expected to moderate vs 3Q24 but still be stronger than 4Q23. As such, management is keeping to its 10-15% FFB growth guidance for FY24. For FY25, it expects FFB growth to continue to grow, albeit at a slower rate of 5-8% YoY. To be conservative, we maintain our FY24 FFB growth forecast of 9.5%, and 3-4% for FY25-26.
- Labour shortages still prevalent. FGV's blended group labour shortage is now at 9% (inclusive of Indonesia). However, breaking it down further, the shortage is at 12% in Sabah and 45% in Sarawak, while West Malaysia is at c.5%. Going forward, management expects to resolve the shortages at Sabah by 1Q25, but Sarawak remains challenging. Nevertheless, Sarawak only comprises c.6% of FGV's total planted area.
- Forward sales booked in for 4Q24. FGV has sold forward 50% of its West Malaysia 4Q24 output at above MYR4,000/tonne. For FY25, no forward sales have been booked in yet. With this, it is likely FGV may achieve slightly lower than market ASP's for 4Q24.
- Unit costs expected to moderate in FY24 and FY25. 9M24 unit cost was at MYR2,552/tonne (-11% YoY) and FGV expects to end the year at MYR2,500/tonne average cost, as it may not be able to fully complete its fertiliser programme due to the monsoon season. For FY25, despite the impact of higher minimum wages (which management estimates at +MYR75/tonne or MYR85m pa), it expects unit costs to moderate slightly to MYR2,400-2,500/tonne, as production improves further. In addition, FGV has tendered for its 1H25 fertiliser requirements at prices 3-4% lower YoY.
- Maintain NEUTRAL and MYR1.27 TP. Post-analyst briefing, we make no changes to our forecasts. Our TP includes a 12% ESG discount. While we are positive on the strong earnings recovery this quarter, we are wary of its history of earnings volatility, hence maintain our call on the stock.
- Key risks include CPO price movement, weather, and demand and supply dynamics of the global vegetable oil industry.

Forecasts and Valuation	Dec-22	Dec-23	Dec-24F	Dec-25F	Dec-26F
Total turnover (MYRm)	25,564	19,359	24,020	26,539	26,449
Recurring net profit (MYRm)	1,452	88	350	371	337
Recurring net profit growth (%)	164.1	(93.9)	298.5	6.0	(9.1)
Recurring P/E (x)	2.86	47.33	11.88	11.21	12.33
P/B (x)	0.7	0.7	0.7	0.7	0.6
P/CF (x)	1.87	2.68	5.18	4.55	3.67
Dividend Yield (%)	13.2	2.6	3.5	3.7	3.5
EV/EBITDA (x)	2.17	5.41	4.38	4.13	3.96
Return on average equity (%)	20.5	1.9	5.8	5.9	5.2
Net debt to equity (%)	16.8	25.2	23.4	20.3	14.8

Source: Company data, RHB

Share Performance (%)

	YTD	1m	3m	6m	12m
Absolute	(17.4)	3.6	(8.8)	(14.9)	(16.8)
Relative	(27.7)	4.0	(4.6)	(14.2)	(27.6)
52-wk Price l	ow/high (M	YR)		1.04	1-1.49



Source: Bloomberg

Overall ESG Score: 2.4 (out of 4)

E: GOOD

FGV adopts a zero-waste management policy and continues to manage its waste more efficiently through usage of biomass residue of empty fruit bunches as solid fuel and converting other by-products into animal feed. However, lack of disclosure in other aspects of Environment pillar despite having a separate sustainability report.

S: MODERATE

FGV has developed a remediation plan in 2022 with LRQA and has identified 12 areas where they could enhance practices by reimbursing both former and current workers G: GOOD

50% of FGV's board members are independent directors and female directors. Additionally, FGV provides full disclosure on director remuneration, which includes salaries and bonuses and on a named basis. FGV has an in-house investor relations team and holds briefings regularly, embodying good transparency and disclosure practices.



Financial Exhibits

Asia
Malaysia
Agriculture
FGV Holdings
FGV MK
Neutral

Valuation basis

Our SOP valuation comprises EV/ha for the plantation division, 8x 2025F P/E for the other divisions, and current market price for its sugar subsidiary.

Key drivers

- i. CPO price movement;
- ii. FFB production output;
- iii. Competitiveness of its downstream processing division vs its peers.

Key risks

- i. CPO price movement;
- ii. Weather;
- iii. Demand and supply dynamics of the global vegetable oil industry.

Company Profile

FGV Holdings is the commercial arm of FELDA in the upstream and downstream palm oil business and other agribusinesses. It currently produces oil palm and rubber plantation, soybean and canola, oleochemical, and sugar products. FGV has operations spread out across 10 countries and was listed on Bursa Malaysia in Jun 2012.

Financial summary (MYR)	Dec-22	Dec-23	Dec-24F	Dec-25F	Dec-26F
Recurring EPS	0.40	0.02	0.10	0.10	0.09
DPS	0.15	0.03	0.04	0.04	0.04
BVPS	1.71	1.64	1.69	1.75	1.80
Return on average equity (%)	20.5	1.9	5.8	5.9	5.2

Valuation metrics	Dec-22	Dec-23	Dec-24F	Dec-25F	Dec-26F
Recurring P/E (x)	2.86	47.33	11.88	11.21	12.33
P/B (x)	0.7	0.7	0.7	0.7	0.6
FCF Yield (%)	35.2	13.7	5.6	8.3	13.5
Dividend Yield (%)	13.2	2.6	3.5	3.7	3.5
EV/EBITDA (x)	2.17	5.41	4.38	4.13	3.96
EV/EBIT (x)	2.87	13.09	9.36	8.82	8.94

Income statement (MYRm)	Dec-22	Dec-23	Dec-24F	Dec-25F	Dec-26F
Total turnover	25,564	19,359	24,020	26,539	26,449
Gross profit	3,432	1,574	1,781	1,915	1,856
EBITDA	3,002	1,299	1,589	1,640	1,610
Depreciation and amortisation	(736)	(762)	(846)	(871)	(897)
Operating profit	2,266	537	743	769	713
Net interest	(84)	(90)	(77)	(73)	(65)
Pre-tax profit	1,822	350	492	521	474
Taxation	(689)	(224)	(127)	(134)	(122)
Reported net profit	1,193	115	350	371	337
Recurring net profit	1,452	88	350	371	337

Cash flow (MYRm)	Dec-22	Dec-23	Dec-24F	Dec-25F	Dec-26F
Change in working capital	(504)	514	(408)	(343)	(116)
Cash flow from operations	2,227	1,551	802	915	1,132
Capex	(764)	(980)	(570)	(570)	(570)
Cash flow from investing activities	(724)	(867)	(570)	(570)	(570)
Dividends paid	(549)	(453)	(146)	(155)	(146)
Cash flow from financing activities	(2,170)	(580)	(246)	(255)	(246)
Cash at beginning of period	2,032	1,397	1,523	1,510	1,600
Net change in cash	(667)	104	(14)	90	316
Ending balance cash	1,397	1,523	1,510	1,600	1,916

Balance sheet (MYRm)	Dec-22	Dec-23	Dec-24F	Dec-25F	Dec-26F
Total cash and equivalents	1,397	1,523	1,510	1,600	1,916
Tangible fixed assets	7,803	7,979	7,684	7,363	7,017
Total investments	631	652	652	652	652
Total assets	18,111	17,283	17,919	18,351	18,558
Short-term debt	1,882	2,269	2,169	2,069	1,969
Total long-term debt	844	1,163	1,163	1,163	1,163
Total liabilities	10,226	9,701	10,118	10,318	10,320
Total equity	7,885	7,582	7,801	8,033	8,238
Total liabilities & equity	18,111	17,283	17,919	18,351	18,558

Key metrics	Dec-22	Dec-23	Dec-24F	Dec-25F	Dec-26F
Revenue growth (%)	30.7	(24.3)	24.1	10.5	(0.3)
Recurrent EPS growth (%)	164.1	(93.9)	298.5	6.0	(9.1)
Gross margin (%)	13.4	8.1	7.4	7.2	7.0
Operating EBITDA margin (%)	11.7	6.7	6.6	6.2	6.1
Net profit margin (%)	4.7	0.6	1.5	1.4	1.3
Dividend payout ratio (%)	45.9	94.9	41.7	41.8	43.3
Capex/sales (%)	3.0	5.1	2.4	2.1	2.2
Interest cover (x)	20.6	4.3	6.6	7.0	6.7

Source: Company data, RHB



Figure 1: FGV's quarterly results recap

FYE Dec (MYRm)	3Q23	2Q24	3Q24	QoQ (%)	YoY (%)	9M23	9M24	YoY (%)	Comments
Turnover	4,907.0	5,515.7	6,175.2	12.0	25.8	13,994	16,235.4	16.0	See Figure 2
EBITDA	306.4	303.6	489.5	61.2	59.7	985.9	1,063.0	<i>7</i> .8	
EBITDA margin (%)	6.2	5.5	7.9			7.0	6.5		
Depreciation	(187.6)	(178.1)	(192.0)	(7.8)	(2.3)	(562.8)	(557.1)	1.0	
EBIT	118.9	125.5	297.5	>100	>100	423.1	505.9	19.5	
EBIT margin (%)	2.4	2.3	4.8			3.0	3.1		
Interest expense	(30.4)	(35.3)	(41.6)	(17.7)	(36.6)	(320.6)	(110.4)	65.6	
Interest income	7.9	7.0	10.2	45.2	29.1	22.9	30.6	33.4	
Associates & JVs	(10.6)	(0.2)	11.8	>100	>100	1.1	14.5	>100	
FV changes in LLA liability	(67.1)	(66.7)	(104.5)	(56.8)	(55.7)	(126.8)	(257.2)	>100	
EI	(2.9)	43.8	(112.2)	>100	>100	30.5	(84.5)	>100	9M24 EI mainly includes impairment loss MYR111m and commodity gains of MYR73.3m
Pre-tax profit	82.8	140.7	156.6	11.3	89.2	157.0	347.0	>100	See Figure 2
Pre-tax margin (%)	1.7	2.6	2.5			1.1	2.1		
Zakat	(17.6)	(1.5)	(8.8)	>100	50.0	(18.4)	(10.7)	41.5	
Taxation	(41.8)	(54.5)	(74.6)	(37.1)	(78.5)	(125.5)	(175.0)	(39.5)	
Eff. rate (%)	50.5	38.7	47.7			79.9	50.4		Higher than statutory tax rate of 24% due to some deferred tax assets not recognised on losses in certain subsidiaries
Minority interest	8.6	1.6	14.0	779.0	62.0	18.0	(1.2)	>100	
Net profit	32.0	86.4	87.2	0.9	>100	31.2	160.0	>100	Filtered down from PBT and higher effective tax rates
Core net profit	34.9	42.6	199.4	368.3	471.6	0.7	244.5	>100	At 223% and 136% of our and Street estimates
Net margin (%)	0.7	0.8	3.4			0.0	1.6		
EPS (sen)	0.9	2.4	2.4	0.8	>100	0.8	4.4	>100	
DPS (sen)	-	-	-	-		0.0	0.0		
Operational statist	ics								
FFB volume (m tonnes)	1.0	1.0	1.2	25.1	20.4	2.6	2.9	11.9	Above our 9.5% projection
CPO volume (m tonnes)	0.7	0.7	0.9	19.1	26.5	1.9	2.2	18.2	
CPO price (MYR/tonne)	3,879	4,103	3,980	(3.0)	2.6	3,948	4,004	1.4	

Source: Company data, RHB

Figure 2: Breakdown of performance by segment

FYE Dec (MYRm)	3Q23	2Q24	3Q24	QoQ (%)	YoY (%)	9M23	9M24	YoY (%)	Comments
Turnover									
Plantations	298.6	312.8	375.2	20.0	25.7	974.7	1,018.0	4.4	Including inter-segment sales, turnover is up +11.3% YoY, driven by higher FFB production (+11.9% YoY) and CPO ASPs (+1% YoY)
Oil and Fats	3,657.1	4,247.5	4,751.1	11.9	29.9	10,519.3	12,192.4	15.9	, , , , , , , , , , , , , , , , , , ,
Sugar	806.7	832.6	861.3	3.5	6.8	2,141.3	2,600.8	21.5	Higher sales volume (+7.3%) and ASPs (+13.2%)
Logistics & others	144.6	122.9	187.6	52.7	29.7	359.2	424.2	18.1	
Intersegment sales	(2,198.3)	(2,356.1)	(2,725.0)	(15.7)	(24.0)	(6,060.6)	(6,985.8)	(15.3)	
Total T/O	4,907.0	5,515.7	6,175.2	12.0	25.8	13,994.5	16,235.4	16.0	
PBT									
Plantation (includes reconciliation figure)	(0.7)	100.6	95.9	(4.6)	>100	(4.0)	134.4	>100	Turnaround for plantation, thanks to improved FFB output, which led to lower unit cost (-11% YoY). PBT for this division includes impairment loss of MYR117m, amongst others
Oil and Fats	111.4	67.5	94.8	40.4	(14.9)	192.9	189.0	(2.0)	Includes forex gain of MYR52m
Sugar	(31.9)	(30.3)	(54.2)	(78.7)	(69.8)	(77.4)	(17.4)	77.5	Includes forex loss of MYR28m
Logistics & others	4.0	3.0	20.1	572.9	401.6	45.5	41.1	(9.7)	
Total PBT	82.8	140.7	156.6	11.3	89.2	157.0	347.0	>100	Improved margin from the plantation segment, on the back of higher ASP as well as lower unit production cost
PBT margins (%)									
Plantations	(0.2)	32.1	25.6			(0.4)	13.2		
Oil and Fats	3.0	1.6	2.0			1.8	1.6		
Sugar	(4.0)	(3.6)	(6.3)			(3.6)	(0.7)		
Logistics & others	2.8	2.4	10.7			12.7	9.7		
Total	1.7	2.6	2.5			1.1	2.1		

Source: Company data, RHB

Figure 3: Key assumptions

7, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,	Dec-22	Dec-23	Dec-24F	Dec-25F	Dec-26F
FFB produced (m tonnes)	3.99	3.64	3.99	4.14	4.28
Average CPO price (MYR/tonne)	4,832	3,901	4,100	4,300	4,100

Source: Company data, RHB

Figure 4: SOP valuation

	Valuation method	MYRm
Plantation	EV/ha	3,304.2
Logistics and others	8x Dec-25F P/E	1,547.1
Sugar - MSM (51% stake)	Market Price	398.0
TOTAL		5,249.2
No of shares (m)		3,648
SOP (MYR/share)		1.44
Less: ESG discount	12%	(0.17)
TP (MYR/share)		1.27

Source: Company data, RHB

Emissions And ESG

Trend analysis

FGV does not disclose its GHG emissions.

Emissions (tCO2e)	Dec-21	Dec-22	Dec-23
Scope 1	na	na	na
Scope 2	na	na	na
Scope 3	na	na	na
Total emissions	na	na	na

Source: Company data, RHB

Latest ESG-Related Developments

- Energy management: FGV has been investing in trucks with Euro 5 emissions standards. As at FY23, over 90% of FGV's fleet vehicles comply with Euro 5 standards.
- Sustainability certifications: In 2023, 45% of its mills are RSPO certified while 100% of its mills are RSPO certified.

ESG Rating History



Source: RHB

Recommendation Chart



Dec-19 Jun-20 Dec-20 Jun-21 Dec-21 Jun-22 Dec-22 Jun-23 Dec-23 Jun-24

Source: RHB, Bloomberg

Date	Recommendation	Target Price	Price
2024-11-28	Neutral	1.27	1.14
2024-11-11	Neutral	1.28	1.20
2024-08-27	Neutral	1.30	1.24
2024-08-11	Neutral	1.15	1.18
2024-05-29	Sell	1.20	1.33
2024-02-27	Neutral	1.58	1.45
2023-07-23	Neutral	1.50	1.44
2023-05-31	Sell	1.20	1.31
2023-05-30	Sell	1.20	1.34
2023-02-27	Neutral	1.50	1.45
2022-11-30	Neutral	1.40	1.35
2022-08-30	Sell	1.30	1.52
2022-08-10	Sell	1.25	1.51
2022-05-31	Neutral	1.80	1.71
2022-03-01	Neutral	2.05	2.02

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.

Thailand

This report is issued and distributed in the Kingdom of Thailand by RHB Securities (Thailand) PCL, a licensed securities company that is authorised by the Ministry of Finance, regulated by the Securities and Exchange Commission of Thailand and is a member of the



Stock Exchange of Thailand. The Thai Institute of Directors Association has disclosed the Corporate Governance Report of Thai Listed Companies made pursuant to the policy of the Securities and Exchange Commission of Thailand. RHB Securities (Thailand) PCL does not endorse, confirm nor certify the result of the Corporate Governance Report of Thai Listed Companies.

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.

Malaysi

Save as disclosed in the following link RHB Research Conflict Disclosures - Nov 2024 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
- 4. 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.

Thailand

Save as disclosed in the following link <u>RHB Research Conflict Disclosures - Nov 2024</u> and to the best of our knowledge RHB Securities (Thailand) PCL bereby declares that:

- RHB Securities (Thailand) PCL does not have a financial interest in the securities or other capital market products of the subject company(ies) covered in this report.
- RHB Securities (Thailand) PCL is not a market maker in the securities or capital market products of the subject company(ies) covered in this report.
- None of RHB Securities (Thailand) PCL'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
- RHB Securities (Thailand) PCL did not receive compensation for investment banking or corporate finance services from the subject company in the past 12 months.
- RHB Securities (Thailand) PCL 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 <u>RHB Research Conflict Disclosures - Nov 2024</u> 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:
 - a) 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*.
 - 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.
- 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.
- 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.

Singapore

Save as disclosed in the following link <u>RHB Research Conflict Disclosures - Nov 2024</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.
- 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

BANGKOK

RHB Securities (Thailand) PCL

10th Floor, Sathorn Square Office Tower 98, North Sathorn Road, Silom Bangrak, Bangkok 10500 Thailand

Tel: +66 2088 9999 Fax:+66 2088 9799

JAKARTA

PT RHB Sekuritas Indonesia

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

Tel: +6221 509 39 888 Fax: +6221 509 39 777

SINGAPORE

RHB Bank Berhad (Singapore branch)

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

