29 October 2024

•

Hartadinata Abadi (HRTA IJ)

• IDR620 FV, based on back-on-the-envelope DCF (WACC 12%, TG 3%). We

see strong potential for Hartadinata Abadi, supported by: i) Resilient demand

for safe haven products, especially in domestic market, ii) market potential

from pawn business segment, and iii) increase in domestic market share from

improved penetration (c.19% now vs 7% in 2017). Management anticipates annual growth at c.15% for both topline and bottomline for medium- to longterm. There is also a positive appreciation from foreign funds, signalling HRTA's prudent business strategy as a long-term investment choice. **Consistent volume, reliable payment.** Currently, HRTA's gold sales are

primarily dominated by the wholesales channel (83%, with GPM: c.5%), followed by retail (17%, GPM: c.12%). The wholesales scheme enables the

company to distribute its gold production (at 16-18 tonnes pa) in large quantities while ensuring certainty in payments – HRTA receives the payments (in 30-60 days terms) in gold scraps or other finished form. This agreement also ensures the availability of raw materials for the continuity of HRTA's gold production, while also linking benefits to rising gold prices. HRTA offers its products in bullion and jewellery – management stated that

the current market preference is for smaller-sized gold bars, which could

provide a better margin. Moving forward, the company also sees potential in

the retail segment, which can be supported by improvements in purchasing

power. HRTA's retail stores increased to 85 units, up from 12 units in 2017.

A Golden Path Ahead

Indonesia Trading Idea

Consumer Cyclical | Retailing

Not Rated

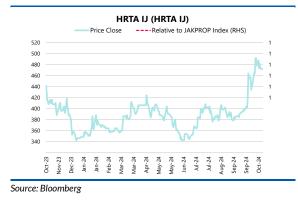
Fair Value (Return):	IDR620 (+31%)
Price (Market Cap):	IDR472 (USD138m)
ESG score:	N/A
Avg Daily Turnover (IDR/USD)	13,734m/0.88m

Analyst

Indonesia Research +6221 5093 9888 rhb.id.research@rhbgroup.com

Share Performance (%)

	YTD	1m	3m	6m	12m
Absolute	35.6	19.2	17.4	17.4	7.8
Relative	35.6	19.2	17.4	17.4	7.8
52-wk Price lov	342	2-492			



• Hidden value. HRTA sees significant potential in non-bankable loans market through its 91 pawnshop stores spread across several provinces in Indonesia, up from just three stores in 2018. Although revenue contribution from this segment is still relatively small (less than c.1%), the margins generated are significantly higher than HRTA's other existing businesses – with the possibility of contributing up to c.10-15% of HRTA's bottomline. Looking ahead, management anticipates loan disbursements to exceed IDR1trn (vs c.IDR400bn currently, translating to revenue from loan interest at c.IDR60bn). As comparison, Pegadaian (a subsidiary of Bank Rakyat Indonesia (BBRI IJ, BUY, TP: IDR5,900)) has a total market size of c.IDR30trn.

• Enticing valuation. With robust growth potential supported by stable demand for gold, store expansion, and the additional earnings from pawnshops, we believe management's target of achieving c.15% growth in revenue and bottomline is quite feasible (with net profit margin hovering at 4-5%). Our DCF valuation indicates an attractive upside and displays a multiple that remains appealing vs its sector peers – HRTA's P/E at c.6x (FY24F EPS growth at +20% YoY) vs average consumers (discretionary and retails) at c.15x. Additionally, the company's fair management is evidenced by regular dividend payouts since its public listing in 2017 (23-25% DPR, c.3% annual yield).

Forecasts and Valuation	Dec-21	Dec-22	Dec-23
Total turnover (IDRb)	5,238	6,918	12,857
Recurring net profit (IDRb)	194	254	306
Recurring net profit growth (%)	13.3	30.7	20.6
Recurring P/E (x)	11.21	8.57	7.11
P/B (x)	1.4	1.3	1.1
P/CF (x)	na	387.51	na
Dividend Yield (%)	1.7	2.1	2.5
EV/EBITDA (x)	9.12	7.30	6.52
Return on average equity (%)	13.5	15.7	16.6
Net debt to equity (%)	120.8	112.8	127.0

Note:

Small cap stocks are defined as companies with a market capitalisation of less than USD0.5bn.



Financial Exhibits

Financial summary (IDR)	Dec-21	Dec-22	Dec-23
Recurring EPS	42.12	55.05	66.40
DPS	8.00	10.00	12.00
BVPS	328.17	373.03	427.25
Return on average equity (%)	13.5	15.7	16.6
Valuation metrics	Dec-21	Dec-22	Dec-23
Recurring P/E (x)	11.21	8.57	7.11
P/B (x)	1.4	1.3	1.1
FCF Yield (%)	(19.0)	3.8	(21.2)
Dividend Yield (%)	1.7	2.1	2.5
EV/EBITDA (x)	9.12	7.30	6.52
EV/EBIT (x)	9.41	7.50	6.70
Income statement (IDRb)	Dec-21	Dec-22	Dec-23
Total tumover	5,238	6,918	12,857
Gross profit	573	743	947
EBITDA	440	564	719
Depreciation and amortisation	(14)	(15)	(20)
Operating profit	426	549	699
Netinterest	(178)	(223)	(302)
Pre-tax profit	248	326	396
Taxation	(54)	(72)	(90)
Reported net profit	194	254	306
Recurring net profit	194	254	306
Cash flow (IDRb)	Dec-21	Dec-22	Dec-23
Change in working capital	(616)	(212)	(777)
Cash flow from operations	(433)	6	(509)
Capex	21	77	48
Cash flow from investing activities	(30)	(112)	(53)
Dividends paid	(37)	(46)	(55)
Cash flow from financing activities	475	150	749
Cash at beginning of period	50	62	106
Net change in cash	12	44	187
Ending balance cash	62	106	293
Balance sheet (IDRb)	Dec-21	Dec-22	Dec-23
Total cash and equivalents	62	106	293
Tangible fixed assets	141	204	233
Total assets	3,478	3,849	5,029
Short-term debt	649	885	1,893
Total long-term debt	1,243	1,163	904
Total liabilities	1,963	2,127	3,057
Total equity	1,516	1,723	1,973
Total liabilities & equity	3,478	3,849	5,029
Key metrics	Dec-21	Dec-22	Dec-23
Revenue growth (%)	26.6	32.1	85.8
Recurrent EPS growth (%)	13.3	30.7	20.6
Gross margin (%)	10.9	10.7	7.4
Operating EBITDA margin (%)	8.4	8.2	5.6
Net profit margin (%)	3.7	3.7	2.4
Dividend payout ratio (%)	19.0	18.2	18.1
Capex/sales (%)	(0.4)	(1.1)	(0.4)
Interest cover (x)	2.38	2.44	2.29

Small Cap Asean Research

Key drivers i. Demand of gold in public; ii. Brand awareness to keep

Valuation basis DCF and P/E multiple

Asia Indonesia Consumer Cyclical Hartadinata Abadi HRTA IJ Not Rated

- ii. Brand awareness to keep and increase the market share;
- iii. Higher output from higher utilisation rate;iv. Diversification from pawnshop business to
- increase earnings contribution.

Key risks

- i. Sudden downturn in demand for gold from weaker purchasing power;
- ii. Decrease in supply of raw materials;
- iii. Fluctuation in gold spot price and FX adding pressure from non-operational factors.

Company Profile

Hartadinata Abadi's jewellery and gold bar products has been present for over 20 years in Indonesia. The company operates its own manufacturing and sales of gold products, with its headquarters located in Bandung, West Java. It has established a marketing network that extends across various regions in Indonesia including online sales channels. The company went public in JCI in 2017.

Source: Company data, RHB

See important disclosures at the end of this report



29 October 2024

Small Cap Asean Research

Trading strategy

Considering HRTA's strong performance throughout this year, we see the potential for the company's FY24F EPS to grow above +20% YoY. This growth is supported by higher-thanexpected gold sales volume (FY24F: 14 tonnes; +11% YoY) – especially in regions with economic growth linked to commodity movements, ie Indonesia's eastern region – against prevailing pressure from weakened purchasing power, and improvements in margins, eg increase in jewellery sales. We also factor in the potential contribution from pawnshop operations in our back-of-the-envelope calculations, with potential revenue from loan interest gradually increasing up to IDR130-175bn in the next five years. HRTA sees significant market potential among communities outside the reach of banks, aligning with management's target to distribute loans in the range of c.IDR1trn through its gold pawnshop business.

While current concerns are focused on the company's substantial inventory levels, it is noteworthy that when compared to its closest peers, HRTA's cash conversion cycle is virtually better (Figure 9). Another important point to consider is the willingness of financial institutions to support the company by using its current inventory value as collateral. This indicates a reasonable valuation of the company's working capital health, in our view. Management also mentioned several interests from foreign institutions in Finland, Germany, and US, which are eyeing solid business opportunities in HRTA. The stock has moved up 35% YTD with robust liquidity (c.IDR13bn of daily trading value).

Figure 1: Valuation methodology

DCF		2024F	2025F	2026F	2027F	2028F	2029F	2030F	2031F	2032F	2033F	2034F
EBITDA	IDRbn	1,008	1,045	1,162	1,163	1,382	1,439	1,503	1,572	1,647	1,726	1,810
ΔWC	IDRbn	(1,580)	(217)	(1,036)	(217)	(387)	(465)	(493)	(522)	(552)	(584)	(617)
Capex	IDRbn	(46)	(50)	(54)	(60)	(65)	(72)	(76)	(80)	(84)	(89)	(94)
Tax	IDRbn	(116)	(143)	(160)	(151)	(189)	(190)	(192)	(194)	(196)	(198)	(199)
FCF	IDRbn	(733)	634	(89)	736	741	712	742	777	815	856	900
Period	#	0	1	2	3	4	5	6	7	8	9	10
PV FCF	IDRbn	(733)	567	(71)	525	472	405	377	353	331	310	291
WACC	%	12%										
Terminal growth	%	3%										
Sum of PV FCF	IDRbn	2,826										
PV of terminal value	IDRbn	3,529										
Total	IDRbn	6,356										
Net debt (cash)	IDRbn	3,710										
NCI	IDRbn	6										
Equity value	IDRbn	2,640										
# shares	bn	4.6										
EV/share	IDR	570										
P/E												
EPS 2024F*	IDR/share	89										
EPS 2025F*	IDR/share	110										
24/25F RHB EPS*	IDR/share	100										
24/25F Cons EPS	IDR/share	87										
Cons 12-M TP	IDR	580										
Target multiple (Cons)	х	6										
Rounded TP	IDR	670										
Combined valuation												
Average TP	IDR	620										
Last price	IDR	472										
Upside	%	31%										

Note: *Unofficial, extrapolated by margin and growth scenarios during 1H24's achievements Source: Company data, RHB



29 October 2024

Consumer Cyclical | Retailing

1989	Ferriyady Hartadinata established his gold business.
1995	Started own jewellery production with 625,000 g/month capacity and set up the first factory.
1998	ACC Gold Jewelry was the first outlet opened.
2004	Hartadinata Abadi was officially established 29 Mar 2004.
2006	The company opened its first modern outlet under the name "Claudia Perfect Jewellery" and established a second factory for casting products (capacity 500,000 g/month).
2009	Opened its third casting factory (capacity of 375,000 g/month).
2015	Opened its fourth factory for necklace product (capacity 1,000,000 g/month), first two modern outlets for "Celine Jewellery", and "Saphire" gold chain factory.
2016	The company opened a second outlet for "Claudia Perfect Jewellery".
2017	Made its initial public listing on the Indonesia Stock Exchange under the ticker code HRTA.
2018	HRTA expanded its business by opening several stores under the ACC brand in Jakarta, Bandung, Madura, and Batam.
2019	• The company continued to open several stores under the ACC and ACC Premium brands in West Java, East Java, Jakarta and Makassar, reopened one Claudia Perfect Jewellery store in Bandung and opened ACC Matahari Department Store in Jakarta, Bekasi, Cirebon, Madiun, Kediri, Depok Malang, and Bandung.
2020	 Launched the Metamorphosa Collection jewellery design and participated in the Indonesian Fashion Designers Association (IPMI) Trend Show 2020. The company has an exclusive partnership with Shopee under ACC (Aurum Collection Center) jewellery collection Hartadinata Gold Bar was launched in small fractions simultaneously across the company's network.
	 Participated in the IPMI Virtual Trend Show 2021. The company collaborates with Emas Antam Indonesia, a subsidiary of Aneka Tambang (ANTM IJ, BUY, TP: IDR1,800), and launches gold products under the name Emaskita for micro gold products and Kencana for gold jewellery products with a gold content of 99.99%. It has an exclusive partnership with Tokopedia
2021	 Selected as The Top 50 Best Companies 2021, according to Forbes Indonesia magazine. Held exhibitions of Emaskita and Kencana jewellery simultaneously in West Java, Central Java, and East Java. Participated in an event entitled "Cipta, Rasa, and Karsa: Art in Creating and Collaborating" by streaming on Instagram together with Era Soekamto (Fashion Designer & Nusantara Wisdom Consultant) and Lina Gun (Editor-in-Chief Indonesia Design Magazine). Rebranded the ACC Store to Hartadinata Abadi Store.
2022	 Opening of several shops and pop-up stores under Hartadinata Abadi Store brand in areas such as Jakarta, East Java, West Java, Yogyakarta, North Sumatra, Riau, and South Sulawesi. Participates in various events, ie the Wedding Fair Bridestory Market, Wedding EXPO 2022, Asia's Largest International B2B Jewellery Event in
	 2022, and the 25th Surabaya International Jewellery Fair. The company sponsored various events, eg Vesak Day Lantern Festival, MNC Charity Fun Run 2022, and Pabbajja Samanera Sementara 2022. Holding exhibitions of Emas Kita Precious Metals and Kencana jewellery in the East Java region and participating in several events such as the 14th Jakarta International Jewellery Fair 2023.
2023	 Opened several new stores in Jakarta, East Java, Central Java, Riau Islands, South Sumatra, and South Sulawesi. On 25 Jan 2023, HRTA signed a Refinery Cooperation Agreement with Emas Murni Abadi. On 28 Feb 2023, the signing of the export cooperation to open promising international expansion opportunities.

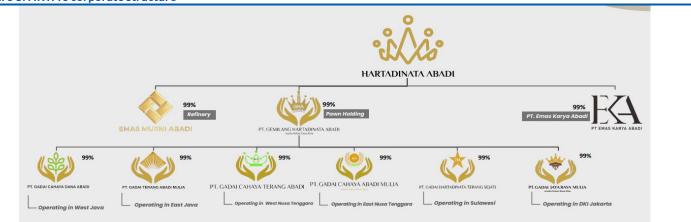
Source: Company data



29 October 2024

Consumer Cyclical | Retailing

Figure 3: HRTA's corporate structure



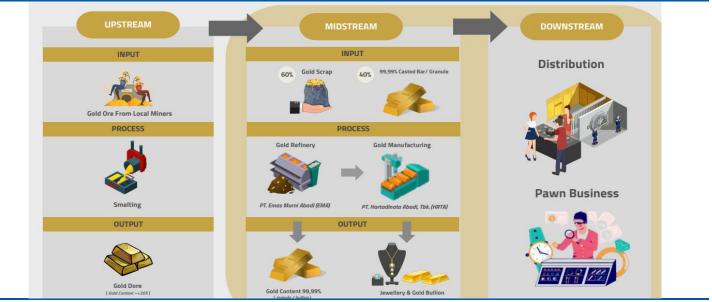
Source: Company data

Figure 4: HRTA's gold factories



Source: Company data

Figure 5: HRTA's gold value chain



Source: Company data



29 October 2024

Figure 6: HRTA's channel and business diversification

Consumer Cyclical | Retailing



Source: Company data

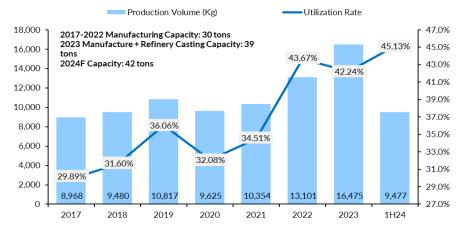






Source: Company data, RHB

Figure 8: HRTA's production vs utilisation



Source: Company data, RHB



29 October 2024

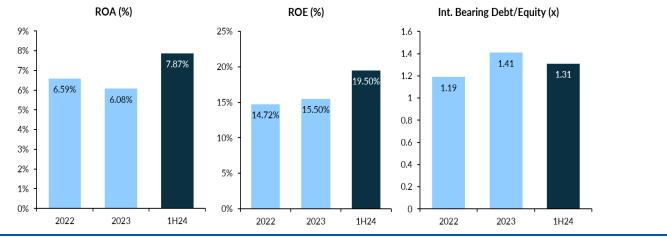
Figure 9: HRTA's peers comparison

Consumer Cyclical | Retailing

	Chow Tai Fook	Titan Co Ltd	PNJ	HRTA
Operating and efficiency	Hongkong/China	India	Vietnam	Indonesia
ROA (%)	6.15	13.48	13.26	6.08
ROE (%)	16.31	30.73	19.06	15.50
Gross Margin (%)	22.36	24.81	18.23	7.36
Operating Margin (%)	8.07	11.08	7.39	5.43
Net Margin (%)	5.69	8.04	5.34	2.38
Cash Conversion Cycle	296.09	171.73	127.83	127.95
Growth (3-year average)				
Revenue (%)	18.60	24.47	25.84	48.16
Net Income (%)	22.89	29.36	14.89	21.55
Valuation				
PER (x)	19.01	92.07	19.80	5.76
PBV (x)	4.78	25.64	3.35	0.83
P/S (x)	1.28	6.73	1.21	0.16

Source: Company data, RHB

Figure 10: HRTA's profitability and debt management



Source: Company data, RHB

Figure 11: HRTA's balance sheet profile



Source: Company data



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 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.

Malavsia

Save as disclosed in the following link RHB Research Conflict Disclosures - Oct 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 1. products of the subject company(ies) covered in this report.
- 2. RHBIB is not a market maker in the securities or capital market products of the subject company(ies) covered in this report.
- 3. 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.
- 5 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 RHB Research Conflict Disclosures - Oct 2024 and to the best of our knowledge, RHB Securities (Thailand) PCL hereby declares that:

- RHB Securities (Thailand) PCL does not have a financial interest in the securities or 1. other capital market products of the subject company(ies) covered in this report.
- 2 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 3 director or board member* of the subject company(ies) covered in this report
- 1. *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 4 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 5. 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 - Oct 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:
 - Holding directly or indirectly, individually or jointly own/hold securities or a) entitled for dividends, interest or proceeds from the sale or exercise of the subject company's securities covered in this report*;
 - Being bound by an agreement to purchase securities or has the right to transfer b) 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.
- PT RHB Sekuritas Indonesia is not a market maker in the securities or capital market 2 products of the subject company(ies) covered in this report. None of PT RHB Sekuritas Indonesia's staff** or associated person serve as a
- 3. director or board member* of the subject company(ies) covered in this report.
- 4 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 5. 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 RHB Research Conflict Disclosures - Oct 2024 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 1. market in any issuer covered by the Singapore research analysts in this report.
- 2 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.
- 3. 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.
- RHB Bank Berhad, its subsidiaries and/or its associated companies do not have 4. 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.
- 6. 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

