

5 October 2023

Energy & Petrochemicals | Oil & Gas Services

Medco Energi Internasional (MEDC IJ)

Buy (Maintained)

Value Still In Place Despite Challenges; Keep BUY

Target Price (Return): IDR1,770 (25.5%)
 Price (Market Cap): IDR1,410 (USD2,267m)
 ESG score: 2.7 (out of 4)
 Avg Daily Turnover (IDR/USD) 175,488m/11.5m

- **Keep BUY, with new SOP-based IDR1,770 TP from IDR1,400, 26% upside, with c.3% FY24F yield.** Higher overall costs pressured Medco Energi Internasional's 1H23 margins, due to its efforts to stabilise its lifting output amidst the normalisation of selling prices. As such, we fine-tune our FY23-24F earnings by -44% and -14%, but tweak our TP based on the higher contribution from MEDC's JV – Amman Mineral (AMMN IJ, NR; c.23% stake) – from our previous back-of-the-envelope value estimate (pre-IPO) of below c.USD1bn to c.USD3bn.

- **Challenges from normalising selling prices.** In 1H23, MEDC reported overall revenue of USD1.1bn (+1% YoY), in line with our full-year estimates – with oil & gas (O&G) production levels slightly above its guidance at 162m boepd. The volume achievement partly countered the adverse effects of normalised selling prices (1H23: -28% YoY, gas: -15% YoY). However, MEDC booked a higher cash cost due to its efforts to boost production (1H23 cash cost: USD7.40/boe; +14% YoY; still below the c.USD10/boe guidance). In the utility segment, MEDC's independent power producer (IPP) power production rose to 2,003 GWh (+8% YoY). However, the recognised construction costs (for the Ijen Geothermal power plant) contributed to higher expenses during the period – margins contracted, leading to 1H23 EBITDA of USD634m (-19% YoY; 1H23 margin: 57% vs 1H22's 70%).

- **Expecting a rebound in AMMN's production.** The decline in AMMN's 1H23 profit contribution to USD27m (-74% YoY), owing to the slight delay in copper (1H23: 134m lbs; -36% YoY) and gold (172k oz; -51% YoY) output, should be offset by normalising production levels going forward. AMMN's management has revised its production targets for the year – copper: c.340m lbs (-25% YoY) and gold: c.530k oz (-25% YoY). These targets are still quite high, based on its average pre-IPO output levels (apart from the high-base level of FY22).

- **Our new TP implies FY24F EV/EBITDA of c.4x,** compared to the current multiple of 2.7x. We have a conservative valuation estimate in our SOP calculations (see Figure 3), including a peer discount on MEDC's O&G segment as well as its power business, and fair value adjustments on AMMN (the stock has surged 260% since its listing in Jul 2023). In terms of the balance sheet, MEDC's net debt position is at USD2.7bn (1.5x net gearing, with c.6x interest coverage ratio; remains feasible). The company has spent USD127m of capex (FY23 guidance: USD330m) so far in 1H23.

- **ESG.** We have incorporated a c.6% ESG discount to the intrinsic value, based on MEDC's ESG score of 2.7 (below the country median).

- **Downside risks** to our call include softening demand for energy, and fluctuations in the base metal outlook, which could affect sentiment towards AMMN.

Analyst

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

Share Performance (%)

	YTD	1m	3m	6m	12m
Absolute	38.9	9.3	56.7	28.2	44.6
Relative	38.4	10.9	53.6	27.4	47.2
52-wk Price low/high (IDR)	840 – 1,665				

Medco Energy International (MEDC IJ)



Source: Bloomberg

Overall ESG Score: 2.7 (out of 4)

E: GOOD

MEDC has implemented measures to reduce greenhouse gas emissions (GHG) and improve energy efficiency. Emission reduction was achieved through optimising fuel gas consumption and transportation fuel. It also made efforts to avoid flaring, by utilising associated gas that otherwise would be flared. Long-term ESG plans also include enlarging its renewable energy portfolio ie photovoltaic solar and geothermal for MPI.

S: GOOD

MEDC is consistently active in local community empowerment initiatives in the areas where it operates. Local community empowerment entails strengthening engagement, enhancing livelihoods and creating self-reliant and resilient communities. The company has a routine CSR programme that promotes activities such as organic farming, entrepreneurship training, and marine conservation.

G: GOOD

The company has several key initiatives that are focused on GSG issues, which includes training on business ethics, fraud risks, human rights, anti-bribery and corruption. Shareholder engagement is also quite active and transparent. However, we do note that timely financial statement reporting needs further improvement..

Forecasts and Valuation	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
Total turnover (USDm)	1,323	2,312	2,285	2,275	2,043
Recurring net profit (USDm)	41	537	296	334	323
Recurring net profit growth (%)	-	1,208.4	(44.9)	13.0	(3.3)
Recurring P/E (x)	55.24	4.22	7.67	6.79	7.02
P/B (x)	2.1	1.5	1.3	1.1	1.0
P/CF (x)	4.80	1.92	3.04	2.69	29.48
Dividend Yield (%)	na	2.6	2.6	2.7	1.1
EV/EBITDA (x)	4.73	2.17	2.79	2.68	3.40
Return on average equity (%)	4.5	40.3	17.6	17.3	14.6
Net debt to equity (%)	164.7	131.1	120.5	103.4	115.6

Source: Company data, RHB

Financial Exhibits

Asia	Financial summary (USD)	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
Indonesia	Recurring EPS	0.00	0.02	0.01	0.01	0.01
Energy & Petrochemicals	DPS	-	0.00	0.00	0.00	0.00
Medco Energi Internasional	BVPS	0.04	0.06	0.07	0.08	0.09
MEDC IJ	Return on average equity (%)	4.5	40.3	17.6	17.3	14.6
Buy						
	Valuation metrics	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
	Recurring P/E (x)	55.24	4.22	7.67	6.79	7.02
	P/B (x)	2.1	1.5	1.3	1.1	1.0
	FCF Yield (%)	16.2	3.4	1.6	5.8	(27.9)
	Dividend Yield (%)	-	2.6	2.6	2.7	1.1
	EV/EBITDA (x)	4.73	2.17	2.79	2.68	3.40
	EV/EBIT (x)	8.36	3.36	4.67	4.52	6.12
	Income statement (USDm)	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
	Total turnover	1,323	2,312	2,285	2,275	2,043
	Gross profit	566	1,246	975	984	864
	EBITDA	714	1,593	1,270	1,296	1,204
	Depreciation and amortisation	(310)	(567)	(512)	(528)	(534)
	Operating profit	404	1,026	757	768	670
	Net interest	(216)	(242)	(239)	(207)	(223)
	Pre-tax profit	286	936	657	705	603
	Taxation	(232)	(399)	(355)	(365)	(274)
	Reported net profit	47	531	296	334	323
	Recurring net profit	41	537	296	334	323
	Cash flow (USDm)	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
	Change in working capital	274	(120)	71	203	(448)
	Cash flow from operations	472	1,182	746	842	77
	Capex	(106)	(1,105)	(710)	(710)	(710)
	Cash flow from investing activities	265	(1,627)	(707)	(710)	(680)
	Dividends paid	0	(60)	(60)	(61)	(25)
	Cash flow from financing activities	(254)	145	(540)	(258)	566
	Cash at beginning of period	481	964	748	247	122
	Net change in cash	483	(300)	(501)	(126)	(37)
	Ending balance cash	964	748	247	122	84
	Balance sheet (USDm)	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
	Total cash and equivalents	964	748	247	122	84
	Tangible fixed assets	2,206	3,100	3,579	4,057	4,535
	Total investments	1,075	1,411	1,411	1,411	1,411
	Total assets	5,684	6,932	6,853	7,079	7,449
	Short-term debt	315	436	305	106	644
	Total long-term debt	2,674	2,715	2,435	2,437	2,490
	Total liabilities	4,455	5,100	4,785	4,738	4,810
	Total equity	1,229	1,832	2,068	2,341	2,638
	Total liabilities & equity	5,684	6,932	6,853	7,079	7,449
	Key metrics	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
	Revenue growth (%)	20.3	74.7	(1.2)	(0.4)	(10.2)
	Recurrent EPS growth (%)	0.0	1208.4	(44.9)	13.0	(3.3)
	Gross margin (%)	42.8	53.9	42.7	43.3	42.3
	Operating EBITDA margin (%)	53.9	68.9	55.6	57.0	58.9
	Net profit margin (%)	3.6	22.9	12.9	14.7	15.8
	Dividend payout ratio (%)	0.0	11.3	20.3	18.3	7.9
	Capex/sales (%)	8.0	47.8	31.1	31.2	34.8
	Interest cover (x)	1.79	4.06	3.08	3.60	2.92

Source: Company data, RHB

Figure 1: MEDC's results summary

USDm	2Q22	1Q23	2Q23	QoQ	YoY	1H22	1H23	YoY	% RHB FY23	% Cons FY23
Total revenue	637	558	558	0%	-12%	1,109	1,116	1%	49%	51%
Cost of revenues	(256)	(326)	(320)	-2%	25%	(488)	(646)	32%		
Gross profit	381	232	238	2%	-38%	620	470	-24%	48%	44%
Total operating expense	(51)	(54)	(64)	18%	25%	(93)	(118)	27%		
Operating profit	330	178	174	-3%	-47%	528	352	-33%	47%	49%
EBITDA	477	327	307	-6%	-36%	780	634	-19%	50%	54%
Pre-tax income	382	166	108	-35%	-72%	572	274	-52%		
Income taxes	(174)	(79)	(71)	-10%	-59%	(270)	(150)	-44%		
Profit after tax expense from disc op.	10	2	4	102%	-57%	12	7	-46%		
Minority interest	(5)	(7)	(4)	-48%	-29%	(11)	(11)	-3%		
Net profit	213	82	37	-54%	-82%	303	119	-61%	40%	38%
Core profit	75	26	13	-48%	-82%	93	39	-58%		
Margins	2Q22	1Q23	2Q23			1H22	1H23			
Gross	60%	42%	43%			56%	42%			
Operating	52%	32%	31%			48%	32%			
EBITDA	75%	59%	55%			70%	57%			
Net	33%	15%	7%			27%	11%			

Figure 2: Revisions to our estimates

(USDm)	RHB (old)			RHB (new)			Old vs new			Street			RHB vs Street		
	2023F	2024F	2025F	2023F	2024F	2025F	2023F	2024F	2025F	2023F	2024F	2025F	2023F	2024F	2025F
Revenue	2,292	2,159	1,972	2,285	2,275	2,043	-0.3%	5.4%	3.6%	2,173	2,134	2,124	5%	7%	-4%
Gross profit	1,234	1,025	891	975	984	864	-21.0%	-4.0%	-3.0%	1,058	1,044	1,024	-8%	-6%	-16%
Op. profit	934	763	613	757	768	670	-18.9%	0.6%	9.2%	714	627	624	6%	23%	7%
EBITDA	1,460	1,340	1,111	1,270	1,296	1,204	-13.0%	-3.3%	8.3%	1,173	1,173	1,168	8%	10%	3%
Net profit	530	389	303	296	334	323	-44.2%	-14.1%	6.5%	324	348	341	-9%	-4%	-5%
GPM (%)	53.8	47.5	45.2	42.7	43.3	42.3				48.7	48.9	48.2			
Op. margin (%)	40.8	35.3	31.1	33.2	33.8	32.8				32.8	29.4	29.4			
EBITDA margin (%)	63.7	62.1	56.4	55.6	57.0	58.9				54.0	55.0	55.0			
Net margin (%)	23.1	18.0	15.4	12.9	14.7	15.8				14.9	16.3	16.0			

Figure 3: MEDC's SOP valuation

SOP valuation	(USDm)
FY24 EBITDA O&G business	1,247
O&G value with 25% discount to sector multiple (2.2x FY24 EV/EBITDA)	2,675
FY24 EBITDA power business	49
Power business value with 25% discount to sector multiple (8x FY24 EV/EBITDA)	392
AMMN value estimate (c.23% stake of MEDC's ownership)	2,522
Total value	5,589
Net debt FY24	2,432
Net asset value	3,157
Number of shares (m)	25,136
NAV per share (IDR)	1,884
ESG discount	6%
TP (IDR/share)	1,770

Note: We put our own estimates for AMMN's FY24F EBITDA and conservative peer multiple (across domestic metal mining players; at c.9x EV/EBITDA). This is resulted in feasible and fair fundamentals for AMMN (c.IDR3,000) compared to its last price position of IDR6,150 (current EV/EBITDA at 29x). The stock has moved up 260% since IPO. Source: Company data, RHB

Recommendation Chart

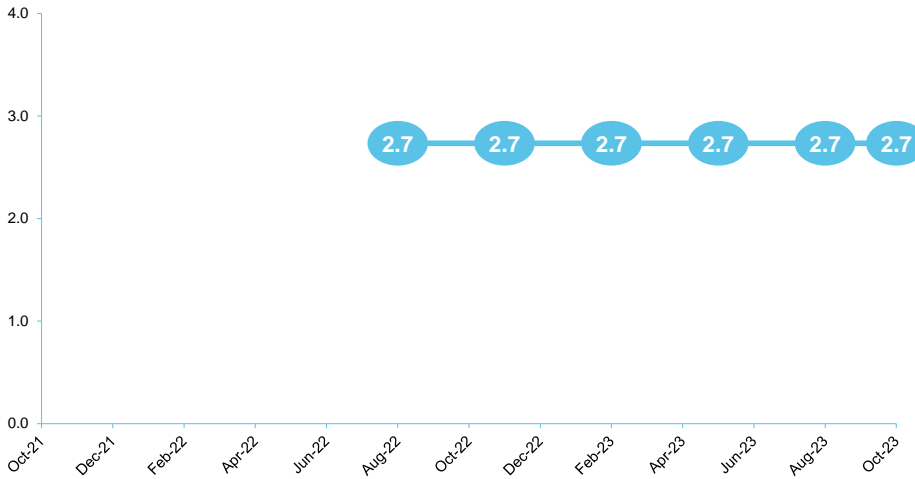


Date	Recommendation	Target Price	Price
2022-12-06	Buy	1,400	1,090
2022-09-28	Buy	1,100	870
2022-08-24	Buy	970	770
2022-08-02	Buy	880	600

Source: RHB, Bloomberg

Source: RHB, Bloomberg

ESG Rating History



Source: RHB

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.

Malaysia

Save as disclosed in the following link [RHB Research Conflict Disclosures - Sep 2023](#) and to the best of our knowledge, RHBIB hereby declares that:

1. RHBIB does not have a financial interest in the securities or other capital market 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 - Sep 2023](#) and to the best of our knowledge, RHB Securities (Thailand) PCL hereby declares that:

1. 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.
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.
3. 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*
4. RHB Securities (Thailand) PCL did not receive compensation for investment banking or corporate finance services from the subject company in the past 12 months.
5. 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 [RHB Research Conflict Disclosures - Sep 2023](#) and to the best of our knowledge, PT RHB Sekuritas Indonesia hereby declares that:

1. 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*.
 - 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.
3. 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.
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.
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.*

Singapore

Save as disclosed in the following link [RHB Research Conflict Disclosures - Sep 2023](#) and to the best of our knowledge, the Singapore Research department of RHB Bank Berhad (through its Singapore branch) hereby declares that:

1. 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.
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.
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.
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 9280 8888
Fax : +603 9200 2216

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

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

SINGAPORE

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