

Construction & Engineering | Construction

3 October 2023

# CH Karnchang (CK TB)

## Likely New Bids Lying Ahead; Still BUY

- Still BUY, new THB24.50 TP from THB26.10, 22% upside and >2% dividend yield. Despite of our expectation of new infrastructure project bids under the current government will only begin a new cycle from FY24 onwards, CH Karnchang representing the views of the major industry players believes three possible domestic infrastructure project bids can happen within the near future. CK is also optimistic that it has a likely chance of winning these bids.
- Three different priority projects. Whether the construction works for the Orange Line Mass Rapid Transport (MRT) extension is awarded to CK or not, management is targeting three land transportation projects that can be launched for bidding within the near future. This is to secure new orderbooks especially in case uncertainties remain with regards to the awarding of the Orange Line MRT extension's construction works. The three potential projects are the: i) THB22bn Red Line MRT extension, ii) new double-track railway route (Khon Kaen-Nong Khai) in Thailand's north-east region (THB28.8bn), and iii) 19-25km THB24bn Chalong Rat Expressway extension (Chatuchak-Bangkok Outer Ring Road). Note: All three are reaching the final stages of their pre-bidding processes.
- Although CK has shown strong interest in participating in all three project bids, we believe the new double-track route and expressway extension are the best fit for its prospective orderbooks. This is because both are sizable in terms of construction value at >THB20bn each. Additionally, CK is still working on construction jobs that are similar in scope to these two projects. In case of any failure in inking the THB82.5bn Orange Line MRT project's construction works plus procurement of mechanical & engineering systems worth THB27bn we think it will be keen to win the abovementioned two bids to partially offset this failure. Conversely, CK may also participate in these two bids if it can secure Orange Line MRT project, which will boost orderbooks on hand to >THB200bn. In either case, these new projects should provide an upside and generate core revenue growth of 25%YoY from FY24 onwards.
- FY23 revision. In spite of strong growth driven by additional revenue contributions of THB3-4bn/quarter from Laos' Luang Prabang hydropower project driving core revenue growth, this should trade off with high initial expenses and lower-than-average GPMs. However, our FY23F earnings are revised down slightly (-5%) to THB1.53bn representing a strong growth of 72% YoY due to the solid organic growth contributed by its associates and consistent dividend income stream.
- Lower TP. Our ESG score for CK remains at 2.6, implying a 12% ESG discount. This is included in our new THB24.50 TP. The new SOP-based TP is based on the aforementioned earnings revisions and changes in fair values of its investments.

Forecasts and Valuation	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
Total turnover (THBm)	12,459	18,367	36,537	39,301	39,885
Recurring net profit (THBm)	131	886	1,526	1,791	1,867
Recurring net profit growth (%)	(62.4)	575.0	72.2	17.4	4.2
Recurring P/E (x)	259.31	38.42	22.31	19.01	18.24
P/B (x)	1.6	1.6	1.5	1.4	1.4
P/CF (x)	na	na	na	13.89	21.81
Dividend Yield (%)	1.2	1.5	2.2	2.3	2.5
EV/EBITDA (x)	193.15	49.80	10.75	9.66	8.92
Return on average equity (%)	4.3	5.1	6.9	7.7	7.7
Net debt to equity (%)	139.5	159.9	161.9	157.8	154.9

Source: Company data, RHB

## II BUY Target Price (Return): Price (Market Cap):

Price (Market Cap):THB20.10 (USD922m)ESG score:2.6 (out of 4)Avg Daily Turnover (THB/USD)67.4m/1.92m

## Analyst

Chatree Srismaicharoen +66 2088 9743 chatree.sr@rhbgroup.com

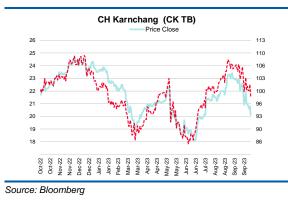


Buy (Maintained)

THB24.50 (21.9%)

### Share Performance (%)

	YTD	1m	3m	6m	12m
Absolute	(17.3)	(12.6)	4.1	(2.9)	(7.4)
Relative	(5.4)	6.3	5.8	0.2	
52-wk Price low	18.1	- 24.7			



## Overall ESG Score: 2.6 (out of 4) E: MODERATE

CK ensures strict compliance with construction-related laws in order to mitigate the impact on the environment in every project. It also initiates the application of modern technologies and techniques that meet the standards by utilising a Building Information Modelling (BIM) system in the construction planning to achieve efficiency, which has resulted in faster construction work, ability to control the quality of the construction, control the usage of resources for maximum benefit, as well as contribute to better cost management.

## S: GOOD

CK has initiated community information studies (Social Mapping), data collection from stakeholders, appointed a community committee which consists of representatives from the Government, project owners, the community, and representatives from the company to participate in discussions (engagement) and identify the main operation plan (master plan), monitor points and objectives, assess the impact (Impact Assessment), as well as stakeholder satisfaction surveys.

#### G: EXCELLENT

The board of directors realises the significance of ensuring that shareholders exercise their rights, and has the duty to equally safeguard the benefits of all shareholders, including institutional investors or major/minor shareholders in their capacity as investors in the SET and as shareholders.



# **Financial Exhibits**

Thailand	
Construction & Engineering	
CH Karnchang	
СК ТВ	
Buy	

### Valuation basis

- We use SOP methodology:
  - i. Construction business based on P/E;
  - ii. TP for Bangkok Expressway & Metro based on RHB's TP;
  - iii. TP for investment in other affiliated companies based on Bloomberg consensus; iv. 25% discount being applied to SOP valuation.

#### Key drivers

- i. Being the top candidate to win upcoming
- infrastructure projects;
  i. Potential to win new electricity-generating projects in neighbouring countries.

## Key risks

- i. Delays in launching new infrastructure projects;
- ii. Major construction materials' price volatilities.

#### **Company Profile**

CH Karnchang is a Thailand-based construction company with capabilities in state-of-the-art construction technology and project management. It also has unique capabilities in comprehensive development, financing, and management of large-scale infrastructure concessions in the country and regionally.

Source: Company data, RH	IR

Thailand	Company	Update

## Construction & Engineering | Construction

Financial summary (THB)	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
Recurring EPS	0.08	0.52	0.90	1.06	1.10
DPS	0.25	0.30	0.45	0.47	0.51
BVPS	12.55	12.78	13.43	13.99	14.60
Return on average equity (%)	4.3	5.1	6.9	7.7	7.7
Valuation metrics	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
Recurring P/E (x)	259.31	38.42	22.31	19.01	18.24
P/B (x)	1.6	1.6	1.5	1.4	1.4
FCF Yield (%)	(15.1)	(16.6)	(8.3)	(2.0)	0.0
Dividend Yield (%)	1.2	1.5	2.2	2.3	2.5
EV/EBITDA (x)	193.15	49.80	10.75	9.66	8.92
EV/EBIT (x)	na	na	21.33	18.55	17.08
Income statement (THBm)	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
Total turnover	12,459	18,367	36,537	39,301	39,885
Gross profit	1,224	1,657	2,918	3,192	3,275
EBITDA	99	447	2,219	2,431	2,508
Depreciation and amortisation	(695)	(638)	(1,101)	(1,165)	(1,198)
Operating profit	(595)	(191)	1,118	1,266	1,310
Net interest	(792)	(884)	(931)	(1,011)	(1,042)
Pre-tax profit	971	1,142	1,683	1,974	2,077
Taxation	(38)	(21)	(67)	(81)	(90)
Reported net profit	906	1,105	1,526	1,791	1,867
Recurring net profit	131	886	1,526	1,791	1,867
Cash flow (THBm)	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
Change in working capital	(914)	(2,033)	(4,438)	(515)	(1)
Cash flow from operations	(4,577)	(5,185)	(641)	2,450	1,561
Capex	(569)	(475)	(2,199)	(3,115)	(1,559)
Cash flow from investing activities	3,238	3,250	(2,146)	(3,172)	(564)
Dividends paid	(332)	(663)	(423)	(847)	(830)
Cash flow from financing activities	496	2,172	1,497	(477)	2,769
Cash at beginning of period	7,566	6,722	6,960	4,569	2,501
Net change in cash	(843)	237	(1,290)	(1,199)	3,766
Ending balance cash	6,723	6,959	5,670	3,370	6,268
Balance sheet (THBm)	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
Total cash and equivalents	6,923	7,061	4,777	2,787	5,681
Tangible fixed assets	10,927	10,116	11,050	12,964	13,093
Total investments	51,763	51,349	54,064	56,882	58,821
Total assets	83,421	85,151	94,497	98,412	103,885
Short-term debt	6,721	8,199	6,796	8,063	8,436
Total long-term debt	36,634	37,991	41,314	40,417	43,644
Total liabilities	57,313	60,684	67,736	69,451	73,923
Total equity	26,108		26,761	28,962	29,963
Total liabilities & equity		24,466			
	83,421	85,151	94,497	98,412	103,885
Key metrics	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
Revenue growth (%)	(26.7)	47.4	98.9	7.6	1.5
Recurrent EPS growth (%)	(62.4)	575.0	72.2	17.4	4.2
Gross margin (%)	9.8	9.0	8.0	8.1	8.2
Operating EBITDA margin (%)	0.8	2.4	6.1	6.2	6.3
Net profit margin (%)	7.3	6.0	4.2	4.6	4.7
Dividend payout ratio (%)	46.8	46.0	50.0	44.4	46.3
Capex/sales (%)	4.6	2.6	6.0	7.9	3.9

## 3 October 2023

## Construction & Engineering | Construction

## Figure 1: SOP valuation

		Value (THBm)	Comments
Construction business	10x P/E	5,353	
Investments			
Bangkok Expressway & Metro	35%	59,870	Based on RHB's TP = THB11.22
TTW	19%	6,657	Based on Bloomberg consensus TP = THB8.60
CK Power	30%	11,145	Based on Bloomberg consensus TP = THB4.57.
Other investments		1,821	Based on the cost method.
Other operating assets		1,445	Based on the cost method.
Net debt		(39,129)	
Number of CK shares outstanding		1,694	
Intrinsic value (THB)		27.84	
ESG premium (discount)		(12%)	
ТР (ТНВ)		24.50	
Source: RHB			

## **Recommendation Chart**



2023-05-08	Buy	26.1	21.3
2023-02-28	Buy	26.7	21.3
2023-01-20	Buy	26.7	23.7
2022-11-24	Buy	26.7	24.1
2022-03-01	Buy	23.3	20.8
2021-12-02	Buy	23.3	21.4
2021-08-22	Buy	20.3	19.4
2021-04-19	Buy	20.3	17.3
2021-03-14	Buy	22.5	17.0
2020-04-27	Buy	22.5	16.9
2019-11-22	Buy	26.0	18.5
2019-11-05	Buy	30.0	20.8
2019-09-27	Buy	30.0	23.0
2019-08-22	Buy	30.0	22.5
2019-08-15	Buy	33.0	24.9
Source: RHL	3, Bloomberg		

Recommendation Target Price

Price

Date

**ESG** Rating History



#### **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 damages that may arise from the use or reliance of this research report 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. Holders of novestments 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 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 <u>should</u> 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 brokerdealer 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:

- 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. RHBIB did not receive compensation or benefit (including gift and special cost 5. 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 - Sep</u> 2023 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 1. 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.
- 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 3
- 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.
- 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:

- 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
  - b) 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\*. c)
  - Managing or jointly with other parties managing such parties as referred to d) 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.
- PT RHB Sekuritas Indonesia did not receive compensation for investment 4 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 onlv.

\*\*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 2023 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 1. 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.
- RHB Bank Berhad, its subsidiaries and/or its associated companies do not 4. 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 5. 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 6. 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

### 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 JI. 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



## Corporate Governance Report Rating 2022 (CG Score) as of 27 Oct 2022

AAVAWCBWGCSSFSMARTILINKLALINMSTPDGQ-CONSCNSPRCTHANAADVANCAYUDCENTELDDDFVCILMLHFGMTCPDJQHSDCSPVITHANAAFBAFSCFRESHDELTAGCINDLITMVPPGQTCSEAFCOSSCTHCOMAFBAMCGHDEMCOGELINTUCHLOXLEYNCLPHOLRATCHSEAFCOSSCTHCOMAIRABANPUCHEWADOHOMEGFPTIPLPNNEPPLANBRBFSE-EDSSTTHIPAJBAYCHODRTGGCIRCLRHNEPPLANERSSELICSTATHREALLABBIKCIMBTDTACGLANDIRPCLSTNKIPLATSSENAJSTGTTIPCOALLABBLKCIMBTDTACGLANDIRPCLSTNKIPLATSSENAJSTGTTIPCOALLABBLKCIMBTDTACGLANDIRPCLSTNKIPLATSSENAJSTGTTIPCOALLABBLKCIMBTDTACGLANDIRPCLSTNKIPLATSSENAJSTGTTIPCOALLABBLCKDUSITGLOBALITELMAJORNSIPPSSAAMSGFSTITISCOALLABCPCKPEAGPIIVLMAJORNSI<	ENTELDDDFVCILMLHFGMTCPDJQHSDCSPVITHANITRCVCOMRRESHDELTAGCINDLITMVPPGQTCSEAFCOSSCTHCOMTRUEVGIGHDEMCOGELINTUCHLOXLEYNCLPHOLRATCHSEAOILSSSCTHIPTSRVACOAHEWADOHOMEGFPTIPLPNNEPPLANBRBFSE-EDSSTTHIPTSRVACOAHODRTGGCIRCLRHNEPPLANETRSSELICSTATHRETSTEWAVEMBTDTACGLANDIRPCLSTNKIPLATSSENASTGTTIPCOTTAWHAUPKPEAGPIIVLMACONOBLEPPSSAAMSGFSTITISCOTTBWICEMEASTWGPSCJTSMAKRONOBLEPRSSAMARTSICTSUSCOTKNTTWXPGOLORECLGULFKMBKNVDPRGSAMTELSIRISUTHAITKSTUZENOM7EEGUNKULKBANKMCNYTPRMSATSISSVITKTTVDHOM7EGC0HANAKCEMCOTOISHIPSHSCSITHAISYMCTMILLTVIOM7EGC0HANAKCEMCOTOISHIPSHSCSITHAISYMCTMILLTVI<	niskowimi miskowim		n voindersenterent	Compa	nies with	Excelle		coring by	aiphab	elical or	ler				
ASW BRR CPN FNS ICHI KTB MOONG PAP PTTGC SCGP SPALI TEAMG TOP		ADVANC AF AH AIRA AJ AKP ALLA ALLA ALLA ALLA ALLA AMARIN AMATA AMATA ANAN AOT AP URE ARIP ASP	AYUD BAFS BAM BANPU BAY BBIK BBL BCP BDMS BEM BEYOND BGC BGRIM BIZ BKI BOL BPP	CENTEL CFRESH CGH CHEWA CHO CIMBT CK CKP CM CNT COLOR CON7 COMAN COTTO CPALL CPF CPI	DDD DELTA DEMCO DOHOME DRT DTAC DUSIT EA EASTW ECF ECL EE EGCO EPG ETC ETE FN	FVC GC GEL GFPT GLAND GLOBAL GPI GPSC GRAMMY GULF GUNKUL HANA HARN HARN HARN HARN HMPRO ICC	ILM IND INTUCH IP IRC IRPC ITEL JVL JVD K KBANK KCE KEX KGI KKP KSL	LHFG LIT LOXLEY LPN LRH LST MACO MAJOR MALGE MBK MC MCOT METCO MFEC MINT MONO	MTC MVP NCL NEP NER NKI NOBLE NSI NVD NYT OISHI OR ORI ORI OSP OTO	PDJ PG PLANB PLANET PLANET PLANET PORT PORT PRS PRB PRB PRB PRM PSL PSL PSL PTG PTTEP	QH QTC RATCH RBF RS S&J SAAM SABINA SAMINA SAMART SAMTEL SAT SCC SCCB SCCC SCCC SCCG	SDC SEAFCO SEAOIL SE-ED SELIC SENA SENAJ SGF SHR SICT SIRI SIS SITHAI SMPC SNC SONIC SORKON	SPVI SSC SST STA STEC STG STI SUN SUSCO SUTHAI SVI SYMC SYNTEC TACC TASCO TCAP	THANI THG THIP THRE THREL TIPCO TISCO TK TKN TKS TKN TKS TKT TMILL TMT TNDT TNITY TOA	TRC TRUE TSR TSR TSTE TSTH TTA TTB TTCL TTW TVDH TVO TWPC UAC	VCOM VGI VIIH WACOA WAVE WHA WHAUP WICE WINNEF XPG
	companies with very dood co scoring by aphabetical order	AUCT	BTS					_		-	-	-	TFMAMA	TPBI	UPOIC	
2S BCH CV IMH MBAX PICO SABUY SRICHA TPAC XO 7UP BE8 CWT INET MEGA PIMO SAK SSF TPCS YUASA																

7UP	BE8	CWT	INET	MEGA	PIMO	SAK	SSF	TPCS	YUASA
ABICO	BEC	DCC	INGRS	META	PIN	SALEE	SSP	TPIPL	ZIGA
ABM	SCAP	DHOME	INSET	MFC	PJW	SAMCO	STANLY	TPIPP	
ACE	BH	DITTO	INSURE	MGT	PL	SANKO	STC	TPLAS	
ACG	BIG	DMT	IRCP	MICRO	PLE	SAPPE	STPI	TPS	
ADB	BJC	DOD	IT	MILL	PM	SAWAD	SUC	TQR	
ADD	BJCHI	DPAINT	ITD	MITSIB	PMTA	SCI	SVOA	TRITN	
AEONTS	BLA	DV8	J	МК	PPP	SCP	SVT	TRT	
AGE	BR	EASON	JAS	MODREN	PPPM	SE	SWC	TRU	
AHC	BRI	EFORL	JCK	MTI	PRAPAT	SECURE	SYNEX	TRV	
AIE	BROOK	ERW	JCKH	NBC	PRECHA	SFLEX	TAE	TSE	
AIT	BSM	ESSO	JMT	NCAP	PRIME	SFP	TAKUNI	TVT	
ALUCON	BYD	ESTAR	JR	NCH	PRIN	SFT	тсс	TWP	
AMANAH	CBG	FE	KBS	NDR	PRINC	SGP	тсмс	UBE	
AMR	CEN	FLOYD	KCAR	NETBAY	PROEN	SIAM	TFG	UEC	
APCO	CHARAN	FSS	KIAT	NEX	PROS	SINGER	TFI	UKEM	
APCS	CHAYO	FTE	KISS	NINE	PROUD	SKE	TFM	UMI	
AQUA	CHG	GBX	KK	NATION	PSG	SKN	TGH	UOBKH	
ARIN	CHOTI	GCAP	KOOL	NNCL	PSTC	SKR	TIDLOR	UP	
ARROW	CHOW	GENCO	KTIS	NOVA	PT	SLP	TIGER	UPF	
AS	CI	GJS	KUMWEL	NPK	PTC	SMART	TIPH	UTP	
ASAP	CIG	GTB	KUN	NRF	QLT	SMD	TITLE	VIBHA	
ASIA	CITY	GYT	KWC	NTV	RCL	SMIT	тм	VL	
ASIAN	CIVIL	HEMP	KWM	NUSA	RICHY	SMT	тмс	VPO	
ASIMAR	CMC	HPT	L&E	NWR	RJH	SNNP	TMD	VRANDA	
ASK	CPL	HTC	LDC	occ	ROJNA	SNP	тмі	WGE	
ASN	CPW	HUMAN	LEO	OGC	RPC	SO	TNL	WIIK	
ATP30	CRANE	HYDRO	LH	ONEE	RT	SPA	TNP	WIN	
в	CRD	ICN	LHK	PACO	RWI	SPC	TNR	WINMED	
BA	CSC	IFS	м	PATO	S11	SPCG	TOG	WORK	
BC	CSP	liG	MATCH	PB	SA	SR	TPA	WP	

#### Companies with Good CG Scoring by alphabetical order

Score Range	Number of Logo	Description
Less than 50	No logo given	-
50-59		Pass
60-69		Satisfactory
70-79		Good
80-89		Very Good
90-100		Excellent

Source : http://www.thai-iod.com/th/projects-2.asp

**IOD (IOD Disclaimer)** Disclaimer: The disclosure of the survey result of the Thai Institute of Directors Association ("IOD") regarding corporate governance is made pursuant to the policy of the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the Market for Alternative Investment disclosed to the public and able to be accessed by a general public investor. The result, therefore, is from the perspective of a third party. It is not an assessment of operation and is not based on inside information. The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey result may be changed after that date or when there is any compete to the relevant information. Nevertheless, RHB Securities (Thailand) Public Company Limited does not confirm, verify, or certify the accuracy and completeness of such survey result.

การเปิดเผลผลการสำรวจของสมาคมส่งเสริมสถาบันกรรมการบริษัทไทย (IOD) ในเรื่องการกำกับดูแลกิจการ (Corporate Governance) นี้เป็นการดำเนินการตามนโยบายของสำนักงานคณะกรรมการกำกับหลักทรัพย์และตลาด หลักทรัพย์ โดยการสำรวจของ IOD เป็นการสำรวจและประเมินจากข้อมูลของบรษัทจตทะเบียนในตลาดหลักทรัพย์แกม (Corporate Governance) นี้เป็นการดำเนินการต่างไปสามารถเข้าถึงได้ ดังนั้นผลสำรวจดังกล่าวจึงเป็นการนำเสนอในมุมมองของบุคคลภายนอกโดยไม่ได้เป็นการประมินการปฏิบัติและมิได้มีการใช้ข้อมูลภายในในการประเมิน

อนึ่ง ผลการสำรวจดังกล่าว เป็นผลการสำรวจ ณ วันที่ปรากฏในรายงานการกำกับดูและกิจการบริษัทจดทะเบียนไทยเท่านั้น ดังนั้นผลการสำรวจจึงอาจเปลี่ยนแปลงได้ภายหลังวันดังกล่าว ทั้งนี้บริษัทหลักทรัพย์ อาร์เอซบี จำกัด (มหาชน) มิได้ยืนยันหรือรับรองถึงความถูกต้องของผลการสำรวจดังกล่าวแต่อย่างใด

## Anti-Corruption Progress Indicator (as of 1 Nov 22)

## ได้รับการรับรอง CAC

2S	BAM	CGH	DUSIT	GPI	JKN	MAKRO	NOK	PR9	SAAM	SMPC	TASCO	TOG	UKEM
7UP	BANPU	CHEWA	EA	GPSC	JR	MALEE	NSI	PREB	SABINA	SNC	TCAP	TOP	UOBKH
ADVANC	BAY	СНОТІ	EASTW	GSTEEL	К	МАТСН	NWR	PRG	SAPPE	SNP	тсмс	TOPP	UPF
AF	BBL	CHOW	EGCO	GULF	KASET	MBAX	OCC	PRINC	SAT	SORKON	TFG	TPA	UV
AI	BCH	CIG	EP	GUNKUL	KBANK	MBK	OGC	PRM	SC	SPACK	TFI	TPCS	VGI
AIE	BCP	CIMBT	EPG	HANA	KBS	MC	ORI	PROS	SCB	SPALI	TEMAMA	TPP	VIH
AIRA	BCPG	CM	ERW	HARN	KCAR	мсот	PAP	PSH	SCC	SPC	TGH	TRU	WACOAL
AJ	BE8	CMC	ESTAR	HEMP	KCE	META	PATO	PSL	SCCC	SPI	THANI	TRUE	WHA
AKP	BEC	COM7	ETE	HENG	KGI	MFC	PB	PSTC	SCG	SPRC	THCOM	TSC	WHAUP
AMA	BEYOND	COTTO	FE	HMPRO	KKP	MFEC	PCSGH	PT	SCGP	SRICHA	THIP	TSTE	WICE
AMANAH	BGC	CPALL	FNS	HTC	KSL	MILL	PDG	PTG	SCM	SSF	THRE	TSTH	WIIK
AMATA	BGRIM	CPF	FPI	ICC	KTB	MINT	PDJ	PTT	SCN	SSP	THREL	TTA	ХО
AMATAV	BKI	CPI	FPT	ICHI	KTC	MONO	PG	PTTEP	SEAOIL	SSSC	TIDLOR	ттв	YUASA
AP	BLA	CPL	FSMART	IFS	KWI	MOONG	PHOL	PTTGC	SE-ED	SST	TIPCO	TTCL	ZEN
APCS	BPP	CPN	FSS	Ш	L&E	MSC	PK	PYLON	SELIC	STA	TISCO	TU	ZIGA
AS	BROOK	CRC	FTE	ILINK	LANNA	MST	PL	Q-CON	SENA	STGT	TKS	TVDH	
ASIAN	BRR	CSC	GBX	INET	LH	MTC	PLANB	QH	SGP	STOWER	ТКТ	TVI	
ASK	BSBM	DCC	GC	INSURE	LHFG	MTI	PLANET	QLT	SINGER	SUSCO	TMILL	TVO	
ASP	BTS	DELTA	GCAP	INTUCH	LHK	NBC	PLAT	QTC	SIRI	SVI	TMT	TWPC	
AWC	BWG	DEMCO	GEL	IRC	LPN	NEP	PM	RATCH	SITHAI	SYMC	TNITY	U	
AYUD	CEN	DIMET	GFPT	IRPC	LRH	NINE	PPP	RML	SKR	SYNTEC	TNL	UBE	
В	CENTEL	DRT	GGC	ITEL	М	NKI	PPPM	RWI	SMIT	TAE	TNP	UBIS	
BAFS	CFRESH	DTAC	GJS	IVL	MAJOR	NOBLE	PPS	S&J	SMK	TAKUNI	TNR	UEC	

## ประกาศเจตนารมณ์เข้าร่วม CAC

AH	CHG	DHOUSE	EVER	J	KUMWEL	NRF	RS	SUPER	TQM	VIBHA
ALT	CI	DOHOME	FLOYD	JMART	LDC	NUSA	SAK	SVT	TRT	W
APCO	CPR	ECF	GLOBAL	JMT	MEGA	OR	SIS	TKN	TSI	WIN
ASW	CPW	EKH	ILM	JTS	NCAP	PIMO	SSS	TMD	VARO	
B52	DDD	ETC	INOX	KEX	NOVA	PLE	STECH	TMI	VCOM	

<u>คำชี้แจง:</u> ข้อมูลบริษัทที่เข้าร่วมโครงการแนวร่วมปฏิบัติของภาคเอกชนไทยในการต่อต้านทุจริต (Thai CAC) ของสมาคมส่งเสริมสถาบันกรรมการบริษัทไทย มี 2 กลุ่ม

-ได้ประกาศเจตนารมณ์เข้าร่วม CAC

-ได้รับการรับรอง CAC

#### Source: www.cgthailand.org

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

การเปิดเผยการประเมินดัชนี้ชี้วัดความดืบหน้าการป้องกันการมีส่วนเกี่ยวข้องกับการทุจริตอร์รัปชัน (Anti-corruption Progress Indicators) ของบริษัทจดทะเบียนโนตลาดหลักทรัพย์แห่งประเทศไทยที่จัดทำโดยสถาบันที่เกี่ยวข้องซึ่งมีการเปิดเผยโดย สำนักงาน คณะกรรมการกำกับหลักทรัพย์ และตลาดหลักทรัพย์นี้ เป็นการดำเนินการตามนโยบาย และตามแผนพัฒนาความยั่งยืนสำหรับบริษัทจด ทะเบียนโดยผลการประเมินดังกล่าว สถาบันที่เกี่ยวข้องอาศัยข้อมูลที่ได้รับจากบริษัทจดทะเบียนโดย สำนักงาน คณะกรรมการกำกับหลักทรัพย์ และตลาดหลักทรัพย์นี้ เป็นการดำเนินการตามนโยบาย และตามแผนพัฒนาความยั่งยืนสำหรับบริษัทจด ทะเบียนโดยผลการประเมินดังกล่าว สถาบันที่เกี่ยวข้องอาศัยข้อมูลที่ได้รับจากบริษัทจดทะเบียนโตน บริษัทจดทะเบียนได้ระบุในแบบแสดง ข้อมูลเพื่อการประเมิน Anti-Corruption ซึ่งอ้างอิงข้อมูลมาจากแบบแสดงรายการข้อมูล กรณี ดังนั้น ผลการประเมินดังกล่าวจึงเป็นการนำเสนอในมุมอง ของสถาบันที่เกี่ยวข้องซึ่งเป็นบุคคลภายนอก โดยมิได้เป็นการประเมินการปฏิบัติของบริษัทจดทะบียนในตลาดหลักทรัพย์แห่งประเทศไทย และมิได้ใช้ข้อมูลภายในเพื่อการประเมิน เนื่องจากผลการประเมินดังกล่าวเป็นเพียงผลการประเมินท่านั้น ดังนั้นผลการประเมินจึงอางเปลี่ยนแปลงได้ภายหลังวันดังกล่าว หรือรับรองความถูกต้องครบถ้วนของผลประเมินดังกล่าวแต่อย่างใด ทั้งนี้บริษัท หลักทรัพย์ อาร์เอชบ์ จำกัด (มหาชน) มิได้ยืนตรจจลยบหรือรับรองความถูกต้องความรูกต้องผลการสำรวจ