

SELL (Unchanged)

Change in Numbers

TP: Bt 1.00

(From: Bt 2.50)

Downside : 62.7%**19 JUNE 2024**

Small Cap Research

Kerry Express Thailand (KEX TB)

A capital call

KEX's rights issue plan is a necessary move given its depleting capital base from continuing operating loss. However, there is no change in the competitive landscape; we reaffirm our SELL call and lower our ex-rights diluted 12-month TP to Bt1.0/share.

**RATA LIMSUTHIWANPOOM**

662 – 483 8297

rata.lim@thanachartsec.co.th

A rights issue; reaffirm SELL

KEX announced a capital increase plan last week. This is a necessary move in our view given its depleting equity base from operating losses. KEX has been loss-making since 4Q21 when its equity base was Bt9.3bn, which fell to Bt1.4bn in 1Q24. Our Bt3.8bn loss forecast in 2024F would wipe off its equity base. Cash on hand was just Bt1.3bn vs. negative EBITDA of Bt552m in 1Q24. KEX expects Bt9bn in proceeds to be sufficient to turn around the business over the next three years. Given no change to the industry outlook and competitive landscape, we reaffirm our SELL call. Factoring in the rights issue, we lower our 12-month (2024F) DCF-based post-XR TP to Bt1.0 from Bt2.50 (pre-XR).

Targets to raise Bt9bn in proceeds

KEX announced a 62% capital increase via a rights offering of 2,816m new shares at a ratio of 0.6196:1 (old:new) and a rights price of Bt3.2/share. The EGM date is set for 25 July and XR date on 1 August. Assuming a 100% subscription, the plan would raise Bt9bn for KEX, which it plans to spend over 2024-25 on 1) total loan repayments of Bt3.24bn and 2) working capital, business liquidity and capital investment of Bt5.76bn. SF Express Group, the majority shareholder of KEX (62.7%-stake), notified its intention to fully subscribe to its rights offering (RO) and may further subscribe in excess of its initial allocation.

Breakeven and beyond

KEX targets to break even within the next two to three years (vs. losses of Bt3.9bn in 2023 and Bt1.05bn in 1Q24) due to the following reasons. First, it expects revenue per parcel to rise due to less focus on bulky, low-margin volume B2C business (such as e-commerce platforms) and focus more on higher-margin C2C service. It plans to also capture new product segments, including fruits and heavy items, as well as being the last-mile for its parent SF's e-commerce cross-border service in Thailand. Second, it plans to focus on cost reduction and efficiency improvement through restructuring and investment in both hardware and software using know-how from SF. As such, we remain bearish on the express delivery industry's cutthroat market environment and forecast KEX to record losses of Bt3.8/2.7/2.2bn in 2024-26F. We forecast KEX to reach breakeven in 2028F, and Bt791/893m profit in 2029-30F vs. its Bt1.4bn profit peak in 2020.

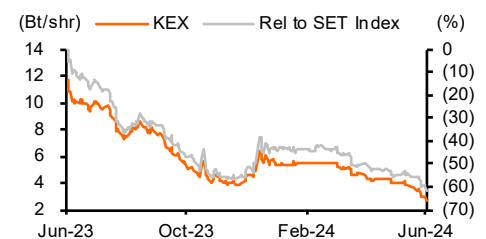
A long game

KEX continues to operate in a highly competitive industry with deep-pocketed competitors. Flash Express, Lazada and Shopee Express all have strong financial support from deep-pocketed shareholders to fight this battle, along with the state enterprise Thailand Post. These peers had a sizable aggregate revenue market share at 69% in 2022 vs. KEX at 17% market share.

COMPANY VALUATION

Y/E Dec (Bt m)	2023A	2024F	2025F	2026F
Sales	11,470	10,323	11,356	12,491
Net profit	(3,881)	(3,808)	(2,695)	(2,228)
Consensus NP	—	(3,376)	(2,509)	(1,968)
Diff frm cons (%)	—	na	na	na
Norm profit	(3,881)	(3,808)	(2,695)	(2,228)
Prev. Norm profit	—	(3,874)	(2,848)	(2,415)
Chg frm prev (%)	—	na	na	na
Norm EPS (Bt)	(2.2)	(1.4)	(0.6)	(0.5)
Norm EPS grw (%)	na	na	na	na
Norm PE (x)	na	na	na	na
EV/EBITDA (x)	na	na	na	42.5
P/BV (x)	1.8	1.4	1.7	2.0
Div yield (%)	0.0	0.0	0.0	0.0
ROE (%)	na	na	na	na
Net D/E (%)	34.2	na	na	na

PRICE PERFORMANCE



COMPANY INFORMATION

Price as of 19-Jun-24 (Bt)	2.68
Market Cap (US\$ m)	127.3
Listed Shares (m shares)	1,742.6
Free Float (%)	23.9
Avg Daily Turnover (US\$ m)	0.9
12M Price H/L (Bt)	11.70/2.90
Sector	Transportation
Major Shareholder	S.F. Holdings 62.66%

Sources: Bloomberg, Company data, Thanachart estimates



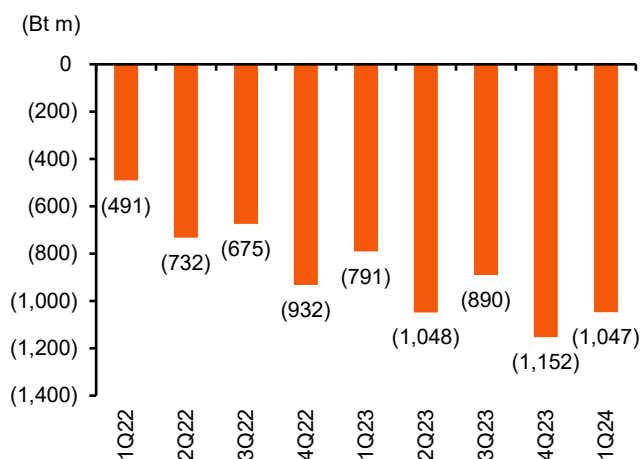
Ex 1: Summary Key Terms Of Capital Raising Plan

Preliminary Terms and Conditions

Issuer:	▪ Kerry Express (Thailand) (KEX)
Capital raising structure	▪ Rights Offering (RO) to all existing shareholders
RO amount:	▪ Up to Bt9bn
Number of newly issued shares	▪ Total 2,818.5m shares, consisting of: - RO shares: 2812.5m shares - ESOP warrants adjustment: 6m shares
Subscription price	▪ Bt3.20/share
Oversubscription Mechanism	▪ Existing shareholders are eligible to oversubscribe ▪ Allocation of shares on oversubscribing portion will be pro-rata to shareholding (pre-RO) and subject to no tender offer obligations being triggered
Rights Offering Ratio:	▪ 0.6196 existing shares to 1 RO share
Use of proceeds:	▪ Repay loans pf approximately Bt3.24bn ▪ Working capital up to Bt5.76bn
EGM to approve capital increase	▪ 25 July 2024
XR date	▪ 1 August 2024
RO subscription period	▪ 21 - 27 August 2024
1st trading day of RO shares:	▪ Approximately 1 st week of September 2024

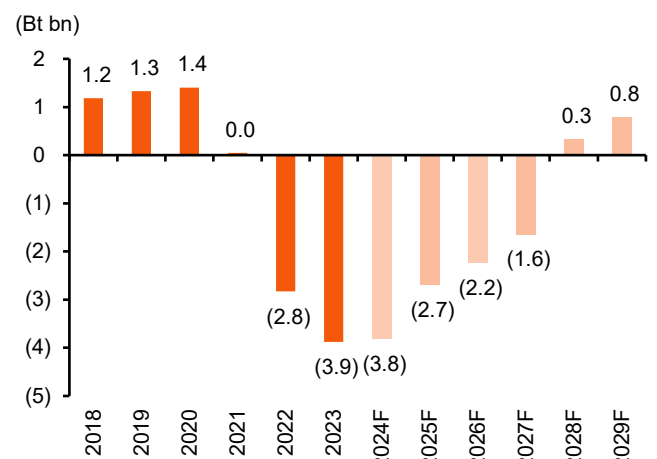
Source: Company data

Ex 2: Big Quarterly Losses



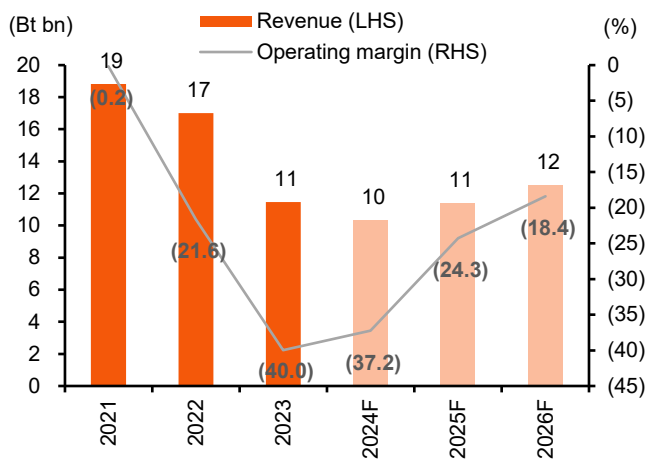
Source: Company data

Ex 3: Continued Net Losses For KEX In 2024-27F



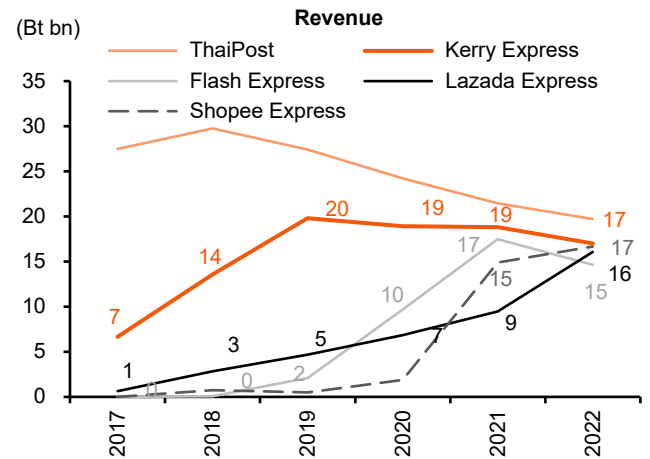
Sources: Company data, Thanachart estimates

Ex 4: Revenue And Net Margin Forecasts



Sources: Company data, Thanachart estimates

Ex 5: Sizable Revenue For Its Major Peers



Sources: Business Online (BOL), Thanachart compilation

Ex 6: 12-month DCF-based TP Calculation Using A Base Year Of 2024F

(Bt m)	2024F	2025F	2026F	2027F	2028F	2029F	2030F	2031F	2032F	2033F	2034F	Terminal value
EBITDA	(2,959)	(1,801)	(1,271)	(554)	1,680	2,464	2,788	3,120	3,531	4,047	4,605	—
Free cash flow	(3,501)	(2,340)	(1,694)	(1,993)	(26)	873	1,253	1,571	967	1,091	1,106	27,613
PV of free cash flow	(3,501)	(1,976)	(1,315)	(1,422)	(17)	526	693	771	434	448	415	9,484
Risk-free rate (%)	2.5											
Market risk premium (%)	8.0											
Beta	0.8											
WACC (%)	8.3											
Terminal growth (%)	2.0											
Enterprise value - add investments	5,220											
Net debt (2023)	904											
Minority interest	(10)											
Equity value	4,326											
# of shares (m)	4,561											
Equity value / share (Bt)	1.0											

Source: Thanachart estimates

Note: share count includes shares from the rights offering

Valuation Comparison

Ex 7: Valuation Comparison With Regional Peers

Name	BBG Code	Country	EPS growth		PE		P/BV		EV/EBITDA		Div Yield	
			24F	25F	24F	25F	24F	25F	24F	25F	24F	25F
			(%)	(%)	(x)	(x)	(x)	(x)	(x)	(x)	(%)	(%)
SF Holding	002352 CH	China	12.9	18.9	18.9	15.9	1.8	1.7	7.6	6.8	1.6	1.9
Yunda Holding	002120 CH	China	37.7	18.0	10.1	8.6	1.1	1.0	4.8	4.4	1.6	2.0
STO Express	002468 CH	China	84.3	43.4	20.8	14.5	1.4	1.3	7.4	6.0	0.6	0.9
JD Logistics	2618 HK	Hong Kong	1.5	33.3	18.1	13.6	1.1	1.0	4.0	3.5	0.0	0.0
ZTO Express Cayman	2057 HK	Hong Kong	na	17.7	12.8	10.9	1.9	1.7	8.1	7.0	3.1	3.7
Yamato Holdings	9064 JP	Japan	(4.9)	31.6	16.8	12.7	1.0	0.9	5.3	4.5	2.8	3.2
Nippon Express Holdings	9147 JP	Japan	49.2	14.8	11.9	10.4	0.8	0.8	5.3	5.0	4.0	4.2
CJ Logistics Corp	000120 KS	South Korea	22.7	18.3	8.2	6.9	0.5	0.5	5.3	5.0	0.6	0.7
Kerry Express (Thailand)	KEX TB	Thailand	na	na	na	na	1.4	1.7	na	na	na	na
Average			29.1	24.5	14.7	11.7	1.2	1.2	6.0	5.3	1.8	2.1

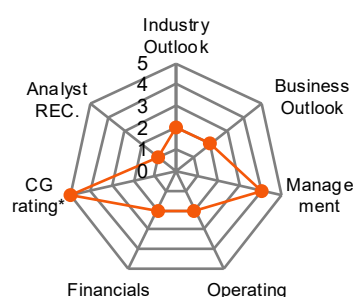
Sources: Company data, Thanachart estimates
Note: * Thanachart estimates, using Thanachart normalized EPS
Based on 19 June 2024 closing prices

COMPANY DESCRIPTION

Kerry Express (Thailand) Public Company Limited is a top-four last-mile express delivery company in Thailand, with a strong network and nationwide coverage. It serves individual customers, e-commerce, social platform e-shopping, and corporates. The company has over 37,000 service points nationwide.

Source: Thanachart

COMPANY RATING



Rating Scale

Excellent	5
Good	4
Fair	3
Weak	2
Very Weak	1
None	0

Source: Thanachart; * CG Rating

THANACHART'S SWOT ANALYSIS

S — Strength

- Industry-leading service quality and strong logistics brands
- Nationwide network coverage
- A scalable hub-and-spoke business
- Experienced management team

O — Opportunity

- M&As of small players
- Diversification into new, low-competition segments. i.e. cold chain express

W — Weakness

- High operating costs

T — Threat

- Aggressive competition and price cuts
- Weak e-commerce market post-COVID
- Weak purchasing power and sluggish economy

CONSENSUS COMPARISON

	Consensus	Thanachart	Diff
Target price (Bt)	3.72	1.00	-73%
Net profit 24F (Bt m)	(3,376)	(3,808)	na
Net profit 25F (Bt m)	(2,509)	(2,695)	na
Consensus REC	BUY: 0	HOLD: 2	SELL: 5

HOW ARE WE DIFFERENT FROM THE STREET?

- We expect significantly higher losses than the Bloomberg consensus, which we attribute to us having more conservative volume growth assumptions. We also assume dilution from the rights offering in our valuation, thus our TP is lower.

RISKS TO OUR INVESTMENT CASE

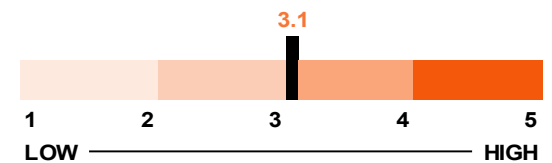
- Upside risk could come from larger-than-expected delivery volumes and price growth.
- Another upside risk could materialize if efficiency improvements are greater than we presently expect, resulting in potential upside to our earnings forecasts.

Sources: Bloomberg consensus, Thanachart estimates

Source: Thanachart

KEX is one of the top four largest last-mile express delivery logistics companies in Thailand, with 22,000 employees. Its operations involve sorting and transporting parcels. KEX seems to be quite active in ESG areas, so we have assigned it an ESG score of 3.1.

Thanachart ESG Rating



	SET ESG Index	SET ESG (BBB-AAA)	DJSI Index	MSCI (CCC-AAA)	ESG Book (0-100)	Refinitiv (0-100)	S&P Global (0-100)	Moody's (0-100)	CG Rating (0-5)
KEX	YES	BBB	-	-	69.70	63.63	26.00	-	5.0

Sources: SETTRADE, SET ESG Index, SET ESG Rating, The Dow Jones Industrial Average (DJSI), MSCI ESG Research LLC, ESG Book, Refinitiv ESG Information, S&P Global Market Intelligence, Moody's ESG Solutions, Thai IOD (CG rating)

Note: Please see third party on "term of use" in the following back page.

Factors

Our Comments

ENVIRONMENT

- Environmental Policies & Guidelines
- Energy Management
- Carbon Management
- Water Management
- Waste Management

- KEX is one of the largest last-mile express delivery logistics companies in Thailand. Its business involves parcel transportation which creates some greenhouse gases (GHG). KEX aims to align its business activities with Thailand's ambition of achieving net-zero emissions by 2065.
- It announced targets to achieve 100% sustainable packaging and a 10% reduction in carbon emissions by 2026 compared with the 2021 level. Innovating its packaging materials, waste segregation, route planning to enhance emissions reduction, renewable energy, and electronic vehicles (EV) are all under consideration for deployment in KEX's operations in the near future.
- In 2023, KEX used at least 70% recycled materials for its packaging and emitted carbon emissions of 511,620 KgCO₂e (27% lower than the 2021 level).

SOCIAL

- Human Rights
- Staff Management
- Health & Safety
- Product Safety & Quality
- Social Responsibility

- Up to one third of its workforce comprises female employees. 2023 average training hours was at 3 hours/person/year, flat from 2022.
- KEX ensures safety in its operations by adhering to relevant standards, laws, and regulations, especially with its sorting hubs and distribution centers and in its transportation processes, i.e., suitable working equipment and well-run transport vehicles.

GOVERNANCE &
SUSTAINABILITY

- Board
- Ethics & Transparency
- Business Sustainability
- Risk Management
- Innovation

- There are nine members on its board of directors (BOD), which we believe is a reasonable size for its business. The BOD has six non-executive members but only three independent directors and just one female. The BOD chairman is a non-executive and has no relationship with the CEO and senior executives.
- KEX has integrated enterprise risk management into its strategic planning process. Its risk-management committee, supervised by the BOD, consists of four members, both executives and non-executives.
- KEX plans to continue to enhance cybersecurity to prevent cyber-attacks and secure customers' data privacy.
- KEX's code of business ethics has been launched to prevent conflicts of interest, whereas its anti-corruption and anti-bribery policy has been used to strengthen the company's ethical culture. There were 138 misconduct cases in 2023. Most of the complaints were about supervisors' behavior.

Sources: Thanachart, Company data

INCOME STATEMENT

Loss-making in 2024-26F

FY ending Dec (Bt m)	2022A	2023A	2024F	2025F	2026F
Sales	17,003	11,470	10,323	11,356	12,491
Cost of sales	18,685	14,338	12,594	12,491	13,116
Gross profit	(1,682)	(2,867)	(2,271)	(1,136)	(625)
% gross margin	-9.9%	-25.0%	-22.0%	-10.0%	-5.0%
Selling & administration expenses	1,996	1,718	1,573	1,621	1,672
Operating profit	(3,678)	(4,586)	(3,845)	(2,757)	(2,297)
% operating margin	-21.6%	-40.0%	-37.2%	-24.3%	-18.4%
Depreciation & amortization	2,463	1,979	1,745	2,115	2,505
EBITDA	(1,216)	(2,606)	(2,099)	(642)	209
% EBITDA margin	-7.1%	-22.7%	-20.3%	-5.7%	1.7%
Non-operating income	142	71	93	102	112
Non-operating expenses	0	0	0	0	0
Interest expense	(73)	(69)	(76)	(62)	(68)
Pre-tax profit	(3,610)	(4,584)	(3,828)	(2,717)	(2,252)
Income tax	(760)	(685)	0	0	0
After-tax profit	(2,850)	(3,899)	(3,828)	(2,717)	(2,252)
% net margin	-16.8%	-34.0%	-37.1%	-23.9%	-18.0%
Shares in affiliates' Earnings	0	(2)	0	0	0
Minority interests	20	20	20	22	24
Extraordinary items	0	0	0	0	0
NET PROFIT	(2,830)	(3,881)	(3,808)	(2,695)	(2,228)
Normalized profit	(2,830)	(3,881)	(3,808)	(2,695)	(2,228)
EPS (Bt)	(1.6)	(2.2)	(1.4)	(0.6)	(0.5)
Normalized EPS (Bt)	(1.6)	(2.2)	(1.4)	(0.6)	(0.5)

BALANCE SHEET

FY ending Dec (Bt m)	2022A	2023A	2024F	2025F	2026F
ASSETS:					
Current assets:	4,408	2,244	6,719	5,679	4,991
Cash & cash equivalent	2,332	736	5,353	4,181	3,346
Account receivables	1,852	1,338	1,216	1,338	1,472
Inventories	123	53	45	44	47
Others	100	117	105	115	127
Investments & loans	631	0	0	0	0
Net fixed assets	2,490	2,146	1,820	1,424	958
Other assets	4,564	4,666	5,307	5,647	5,868
Total assets	12,093	9,056	13,846	12,750	11,818
LIABILITIES:					
Current liabilities:	4,417	5,418	4,149	4,349	4,603
Account payables	2,510	2,333	2,070	2,053	2,156
Bank overdraft & ST loans	0	1,600	(4)	(5)	(5)
Current LT debt	9	11	(0)	(0)	(0)
Others current liabilities	1,898	1,474	2,083	2,300	2,452
Total LT debt	29	30	(0)	(0)	(0)
Others LT liabilities	1,149	965	1,103	1,224	1,305
Total liabilities	5,596	6,413	5,252	5,574	5,908
Minority interest	(2)	(10)	(30)	(52)	(77)
Preferreds shares	0	0	0	0	0
Paid-up capital	871	871	2,281	2,281	2,281
Share premium	8,139	8,139	15,746	15,746	15,746
Warrants	0	0	0	0	0
Surplus	81	88	88	88	88
Retained earnings	(2,591)	(6,445)	(9,492)	(10,886)	(12,129)
Shareholders' equity	6,500	2,653	8,623	7,229	5,986
Liabilities & equity	12,093	9,056	13,846	12,750	11,818

Sources: Company data, Thanachart estimates

Spending on automation
and systems to improve
efficiency

CASH FLOW STATEMENT

FY ending Dec (Bt m)	2022A	2023A	2024F	2025F	2026F
Earnings before tax	(3,610)	(4,584)	(3,828)	(2,717)	(2,252)
Tax paid	760	685	0	0	0
Depreciation & amortization	2,463	1,979	1,745	2,115	2,505
Chg In working capital	(378)	407	(132)	(138)	(33)
Chg In other CA & CL / minorities	(715)	(411)	621	207	140
Cash flow from operations	(1,480)	(1,924)	(1,595)	(533)	360
Capex	(1,111)	(469)	(500)	(500)	(500)
Right of use	463	(642)	(1,500)	(1,500)	(1,700)
ST loans & investments	0	0	0	0	0
LT loans & investments	1,391	631	0	0	0
Adj for asset revaluation	(1)	7	0	0	0
Chg In other assets & liabilities	(2,273)	(829)	78	61	21
Cash flow from investments	(1,530)	(1,301)	(1,922)	(1,939)	(2,179)
Debt financing	38	1,602	(1,645)	(1)	(0)
Capital increase	0	0	9,017	0	0
Dividends paid	0	0	762	1,301	985
Warrants & other surplus	31	27	0	0	0
Cash flow from financing	70	1,629	8,133	1,300	984
Free cash flow	(2,591)	(2,392)	(2,095)	(1,033)	(140)

VALUATION

FY ending Dec	2022A	2023A	2024F	2025F	2026F
Normalized PE (x)	na	na	na	na	na
Normalized PE - at target price (x)	na	na	na	na	na
PE (x)	na	na	na	na	na
PE - at target price (x)	na	na	na	na	na
EV/EBITDA (x)	na	na	na	na	42.5
EV/EBITDA - at target price (x)	na	na	na	na	5.8
P/BV (x)	0.7	1.8	1.4	1.7	2.0
P/BV - at target price (x)	0.3	0.7	0.5	0.6	0.8
P/CFO (x)	(3.2)	(2.4)	(4.5)	(22.9)	34.0
Price/sales (x)	0.3	0.4	0.5	0.4	0.4
Dividend yield (%)	0.0	0.0	0.0	0.0	0.0
FCF Yield (%)	(55.5)	(51.2)	(29.0)	(8.5)	(1.1)
(Bt)					
Normalized EPS	(1.6)	(2.2)	(1.4)	(0.6)	(0.5)
EPS	(1.6)	(2.2)	(1.4)	(0.6)	(0.5)
DPS	0.0	0.0	0.0	0.0	0.0
BV/share	3.7	1.5	1.9	1.6	1.3
CFO/share	(0.8)	(1.1)	(0.6)	(0.1)	0.1
FCF/share	(1.5)	(1.4)	(0.8)	(0.2)	(0.0)

Sources: Company data, Thanachart estimates

*Factoring in capital raising***FINANCIAL RATIOS**

FY ending Dec	2022A	2023A	2024F	2025F	2026F
Growth Rate					
Sales (%)	(9.6)	(32.5)	(10.0)	10.0	10.0
Net profit (%)	na	na	na	na	na
EPS (%)	na	na	na	na	na
Normalized profit (%)	na	na	na	na	na
Normalized EPS (%)	na	na	na	na	na
Dividend payout ratio (%)	0.0	0.0	40.0	40.0	40.0
Operating performance					
Gross margin (%)	(9.9)	(25.0)	(22.0)	(10.0)	(5.0)
Operating margin (%)	(21.6)	(40.0)	(37.2)	(24.3)	(18.4)
EBITDA margin (%)	(7.1)	(22.7)	(20.3)	(5.7)	1.7
Net margin (%)	(16.8)	(34.0)	(37.1)	(23.9)	(18.0)
D/E (incl. minor) (x)	0.0	0.6	na	na	na
Net D/E (incl. minor) (x)	(0.4)	0.3	na	na	na
Interest coverage - EBIT (x)	na	na	na	na	na
Interest coverage - EBITDA (x)	na	na	na	na	3.1
ROA - using norm profit (%)	na	na	na	na	na
ROE - using norm profit (%)	na	na	na	na	na
DuPont					
ROE - using after tax profit (%)	na	na	na	na	na
- asset turnover (x)	1.2	1.1	0.9	0.9	1.0
- operating margin (%)	na	na	na	na	na
- leverage (x)	1.8	2.3	2.0	1.7	1.9
- interest burden (%)	102.1	101.5	102.0	102.3	103.1
- tax burden (%)	na	na	na	na	na
WACC (%)	8.3	8.3	8.3	8.8	8.8
ROIC (%)	(91.4)	(109.0)	(108.1)	(84.4)	(75.5)
NOPAT (Bt m)	(3,678)	(4,586)	(3,845)	(2,757)	(2,297)
invested capital (Bt m)	4,206	3,558	3,266	3,043	2,635

Sources: Company data, Thanachart estimates

ESG Information - Third Party Terms

www.Settrade.com

SETTRADE: You acknowledge that the use of data, information or service displayed and/or contained in this website may require third party's data, content or software which is subject to the terms of third party provider. By accessing and/or using of such certain data, you acknowledge and agree to comply with and be bound by the applicable third party terms specified below.

ESG Scores by Third Party data from www.SETTRADE.com

1. MSCI (CCC- AAA)
2. ESG Book (0-100)
3. Refinitiv (0-100)
4. S&P Global (0-100)
5. Moody's ESG Solutions (0-100)
6. SET ESG Rating (BBB-AAA)

SETESG Index (SETESG)

The SETESG Index reflects the price movement of stock of companies that have sustainable business practices which consider environmental, social and governance (ESG) aspect.

SET Index, SET50 Index, SET100 Index and all indices calculated by the Stock Exchange of Thailand ("SET") (collectively called "SET Index Series") are the registered trademarks/service marks solely owned by, and proprietary to SET. Any unauthorized use of SET Index Series is strictly prohibited. All information provided is for information purposes only and no warranty is made as to its fitness for purpose, satisfactory quality or otherwise. Every effort has been made to ensure that all information given is accurate, but no responsibility or liability (including in negligence) can be accepted by SET for errors or omissions or for any losses arising from the use of this information.

SET ESG Index (SET ESG)

Currently, long-term investment guidelines abroad are beginning to focus on investing in companies that have sustainable business practices. which considers environmental, social and governance factors (Environmental, Social and Governance or ESG) of the company in making investment decisions along with analyzing the company's financial data.

Stock Exchange Has prepared the results of evaluating sustainable stocks which are stocks of listed companies (SETESG Rating) as an alternative for investors who want to invest in stocks of listed companies that are outstanding in ESG, including to support listed companies with operations. sustainable business Taking into account all stakeholders in both social and environmental aspects. There is a management process to create sustainability for the organization, such as risk management. Supply chain management and innovation development. Therefore, the SETESG index was created to be an index that reflects the price movement of a group of securities. of companies with sustainable business operations that meet the required size and liquidity criteria

ESG Book's Disclaimer

Arabesque S-Ray GmbH, also trading as "ESG Book", is a limited liability company (Gesellschaft mit beschränkter Haftung) incorporated in Frankfurt am Main and organised under the laws of Germany with registered number HRB 113087 in the commercial register of the local court with its seat and business address at Zeppelinallee 15, 60325 Frankfurt am Main, Germany (hereinafter "ESG Book"). ESG Book, with its UK branch and local subsidiaries, is a provider of sustainability data and advisory services and operates the sustainability data platform ESG Book. ESG Book does not offer any regulated financial services nor products. This document is provided on a confidential basis by ESG Book and is for information purposes only; accordingly, it is not a solicitation or an offer to buy any security or instrument or to participate in any trading activities nor should it be construed as a recommendation or advice on the merits of investing in any financial product. THIRD PARTY INFORMATION. Certain information contained in this document has been obtained from sources outside ESG Book. While such information is believed to be reliable for the purposes used herein, no representations are made as to the accuracy or completeness thereof and neither ESG Book nor its affiliates take any responsibility for such information. To the extent this document contains any links to third party websites, such links are provided as a convenience and for informational purposes only; they do not constitute an endorsement or an approval by ESG Book of any of the products, services or opinions of the corporations or organization or individual operating such third party websites. ESG Book bears no responsibility for the accuracy, legality or content of the external site or for that of subsequent links. RELIANCE – ESG Book makes no representation or warranty, express or implied, as to the accuracy or completeness of the information contained herein, and accepts no liability for any loss, of whatever kind, howsoever arising, in relation thereto, and nothing contained herein should be relied upon. CONFIDENTIALITY. This document contains highly confidential information regarding ESG Book's strategy and organization. Your acceptance of this document constitutes your agreement to keep confidential all the information contained in this document, as well as any information derived by you from the information contained in this document and not disclose any such information to any other person. This document may not be copied, reproduced, in any way used or disclosed or transmitted, in whole or in part, to any other person.

MSCI ESG Research LLC

"Certain information @2021 MSCI ESG Research LLC. Reproduced by permission"

"Although [User ENTITY NAME's] information providers, including without limitation, MSCI ESG Research LLC and its affiliates (the "ESG Parties"), obtain information (the "Information") from sources they consider reliable, none of the ESG Parties warrants or guarantees the originality, accuracy and/or completeness, of any data herein and expressly disclaim all express or implied warranties, including those of merchantability and fitness for a particular purpose. The Information may only be used for your internal use, may not be reproduced or redisseminated in any form and may not be used as a basis for, or a component of, any financial instruments or products or indices. Further, non of the Information can in and of itself be used to determine which securities to buy or sell or when to buy or sell them. None of the ESG Parties shall have any liability for any errors or omissions in connection with any data herein, or any liability for any direct, indirect, special, punitive, consequential or any other damages (including lost profits) even if notified of the possibility of such damages."

Score range	Description
CCC - B	LAGGARD: A company lagging its industry based on its high exposure and failure to manage significant ESG risks
BB - BBB - A	AVERAGE : A company with a mixed or unexceptional track record of managing the most significant ESG risks and opportunities relative to industry peers
AA - AAA	LEADER: A company leading its industry in managing the most significant ESG risks and opportunities

The Dow Jones Sustainability Indices (DJSI)

The Dow Jones Sustainability Indices (DJSI) are a family of best-in-class benchmarks for investors who have recognized that sustainable business practices are critical to generating long-term shareholder value and who wish to reflect their sustainability convictions in their investment portfolios. The family was launched in 1999 as the first global sustainability benchmark and tracks the stock performance of the world's leading companies in terms of economic, environmental and social criteria. Created jointly by S&P Dow Jones Indices and SAM, the DJSI combine the experience of an established index provider with the expertise of a specialist in Sustainable Investing to select the most sustainable companies from across 61 industries. The indices serve as benchmarks for investors who integrate sustainability considerations into their portfolios, and provide an effective engagement platform for investors who wish to encourage companies to improve their corporate sustainability practices.

S&P Global Market Intelligence

Copyright © 2021, S&P Global Market Intelligence (and its affiliates as applicable). Reproduction of any information, opinions, views, data or material, including ratings ("Content") in any form is prohibited except with the prior written permission of the relevant party. Such party, its affiliates and suppliers ("Content Providers") do not guarantee the accuracy, adequacy, completeness, timeliness or availability of any Content 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. In no event shall Content Providers be liable for any damages, costs, expenses, legal fees, or losses (including lost income or lost profit and opportunity costs) in connection with any use of the Content. A reference to a particular investment or security, a rating or any observation concerning an investment that is part of the Content is not a recommendation to buy, sell or hold such investment or security, does not address the suitability of an investment or security and should not be relied on as investment advice. Credit ratings are statements of opinions and are not statements of fact.

ESG risk combines the concepts of management and exposure to arrive at an absolute assessment of ESG risk. We identify five categories of ESG risk severity that could impact a company's enterprise value

Moody's ESG Solutions

© 2022 Moody's Corporation, Moody's Investors Service, Inc., Moody's Analytics, Inc. and/or their licensors and affiliates (collectively, "MOODY'S"). All rights reserved.

CREDIT RATINGS ISSUED BY MOODY'S CREDIT RATINGS AFFILIATES ARE THEIR CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES, AND MATERIALS, PRODUCTS, SERVICES AND INFORMATION PUBLISHED BY MOODY'S (COLLECTIVELY, "PUBLICATIONS") MAY INCLUDE SUCH CURRENT OPINIONS. MOODY'S DEFINES CREDIT RISK AS THE RISK THAT AN ENTITY MAY NOT MEET ITS CONTRACTUAL FINANCIAL OBLIGATIONS AS THEY COME DUE AND ANY ESTIMATED FINANCIAL LOSS IN THE EVENT OF DEFAULT OR IMPAIRMENT. SEE APPLICABLE MOODY'S RATING SYMBOLS AND DEFINITIONS PUBLICATION FOR INFORMATION ON THE TYPES OF CONTRACTUAL FINANCIAL OBLIGATIONS ADDRESSED BY MOODY'S CREDIT RATINGS. CREDIT RATINGS DO NOT ADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY. CREDIT RATINGS, NON-CREDIT ASSESSMENTS ("ASSESSMENTS"), AND OTHER OPINIONS INCLUDED IN MOODY'S PUBLICATIONS ARE NOT STATEMENTS OF CURRENT OR HISTORICAL FACT. MOODY'S PUBLICATIONS MAY ALSO INCLUDE QUANTITATIVE MODEL-BASED ESTIMATES OF CREDIT RISK AND RELATED OPINIONS OR COMMENTARY PUBLISHED BY MOODY'S ANALYTICS, INC. AND/OR ITS AFFILIATES. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS DO NOT CONSTITUTE OR PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS DO NOT COMMENT ON THE SUITABILITY OF AN INVESTMENT FOR ANY PARTICULAR INVESTOR. MOODY'S ISSUES ITS CREDIT RATINGS,

ASSESSMENTS AND OTHER OPINIONS AND PUBLISHES ITS PUBLICATIONS WITH THE EXPECTATION AND UNDERSTANDING THAT EACH INVESTOR WILL, WITH DUE CARE, MAKE ITS OWN STUDY AND EVALUATION OF EACH SECURITY THAT IS UNDER CONSIDERATION FOR PURCHASE, HOLDING, OR SALE. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS, AND PUBLICATIONS ARE NOT INTENDED FOR USE BY RETAIL INVESTORS AND IT WOULD BE RECKLESS AND INAPPROPRIATE FOR RETAIL INVESTORS TO USE MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS OR PUBLICATIONS WHEN MAKING AN INVESTMENT DECISION. IF IN DOUBT YOU SHOULD CONTACT YOUR FINANCIAL OR OTHER PROFESSIONAL ADVISER.

ALL INFORMATION CONTAINED HEREIN IS PROTECTED BY LAW, INCLUDING BUT NOT LIMITED TO, COPYRIGHT LAW, AND NONE OF SUCH INFORMATION MAY BE COPIED OR OTHERWISE REPRODUCED, REPACKAGED, FURTHER TRANSMITTED, TRANSFERRED, DISSEMINATED, REDISTRIBUTED OR RESOLD, OR STORED FOR SUBSEQUENT USE FOR ANY SUCH PURPOSE, IN WHOLE OR IN PART, IN ANY FORM OR MANNER OR BY ANY MEANS WHATSOEVER, BY ANY PERSON WITHOUT MOODY'S PRIOR WRITTEN CONSENT.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS ARE NOT INTENDED FOR USE BY ANY PERSON AS A BENCHMARK AS THAT TERM IS DEFINED FOR REGULATORY PURPOSES AND MUST NOT BE USED IN ANY WAY THAT COULD RESULT IN THEM BEING CONSIDERED A BENCHMARK.

All information contained herein is obtained by MOODY'S from sources believed by it to be accurate and reliable. Because of the possibility of human or mechanical error as well as other factors, however, all information contained herein is provided "AS IS" without warranty of any kind. MOODY'S adopts all necessary measures so that the information it uses in assigning a credit rating is of sufficient quality and from sources MOODY'S considers to be reliable including, when appropriate, independent third-party sources. However, MOODY'S is not an auditor and cannot in every instance independently verify or validate information received in the rating process or in preparing its Publications.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability to any person or entity for any indirect, special, consequential, or incidental losses or damages whatsoever arising from or in connection with the information contained herein or the use of or inability to use any such information, even if MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers is advised in advance of the possibility of such losses or damages, including but not limited to: (a) any loss of present or prospective profits or (b) any loss or damage arising where the relevant financial instrument is not the subject of a particular credit rating assigned by MOODY'S.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability for any direct or compensatory losses or damages caused to any person or entity, including but not limited to by any negligence (but excluding fraud, willful misconduct or any other type of liability that, for the avoidance of doubt, by law cannot be excluded) on the part of, or any contingency within or beyond the control of, MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers, arising from or in connection with the information contained herein or the use of or inability to use any such information.

NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, TIMELINESS, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF ANY CREDIT RATING, ASSESSMENT, OTHER OPINION OR INFORMATION IS GIVEN OR MADE BY MOODY'S IN ANY FORM OR MANNER WHATSOEVER.

Moody's Investors Service, Inc., a wholly-owned credit rating agency subsidiary of Moody's Corporation ("MCO"), hereby discloses that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by Moody's Investors Service, Inc. have, prior to assignment of any credit rating, agreed to pay to Moody's Investors Service, Inc. for credit ratings opinions and services rendered by it fees ranging from \$1,000 to approximately \$5,000,000. MCO and Moody's Investors Service also maintain policies and procedures to address the independence of Moody's Investors Service credit ratings and credit rating processes. Information regarding certain affiliations that may exist between directors of MCO and rated entities, and between entities who hold credit ratings from Moody's Investors Service and have also publicly reported to the SEC an ownership interest in MCO of more than 5%, is posted annually at www.moody.com under the heading "Investor Relations — Corporate Governance — Director and Shareholder Affiliation Policy." Additional terms for Australia only: Any publication into Australia of this document is pursuant to the Australian Financial Services License of MOODY'S affiliate, Moody's Investors Service Pty Limited ABN 61 003 399 657AFSL 336969 and/or Moody's Analytics Australia Pty Ltd ABN 94 105 136 972 AFSL 383569 (as applicable). This document is intended to be provided only to "wholesale clients" within the meaning of section 761G of the Corporations Act 2001. By continuing to access this document from within Australia, you represent to MOODY'S that you are, or are accessing the document as a representative of, a "wholesale client" and that neither you nor the entity you represent will directly or indirectly disseminate this document or its contents to "retail clients" within the meaning of section 761G of the Corporations Act 2001. MOODY'S credit rating is an opinion as to the creditworthiness of a debt obligation of the issuer, not on the equity securities of the issuer or any form of security that is available to retail investors.

Additional terms for Japan only: Moody's Japan K.K. ("MJKK") is a wholly-owned credit rating agency subsidiary of Moody's Group Japan G.K., which is wholly-owned by Moody's Overseas Holdings Inc., a wholly-owned subsidiary of MCO. Moody's SF Japan K.K. ("MSFJ") is a wholly-owned credit rating agency subsidiary of MJKK. MSFJ is not a Nationally Recognized Statistical Rating Organization ("NRSRO"). Therefore, credit ratings assigned by MSFJ are Non-NRSRO Credit Ratings. Non-NRSRO Credit Ratings are assigned by an entity that is not a NRSRO and, consequently, the rated obligation will not qualify for certain types of treatment under U.S. laws. MJKK and MSFJ are credit rating agencies registered with the Japan Financial Services Agency and their registration numbers are FSA Commissioner (Ratings) No. 2 and 3 respectively.

Additional terms for Hong Kong only: Any Second Party Opinion or other opinion that falls within the definition of "advising on securities" under the Hong Kong Securities and Futures Ordinance ("SFO") is issued by Vigeo Eiris Hong Kong Limited, a company licensed by the Hong Kong Securities and Futures Commission to carry out the regulated activity of advising on securities in Hong Kong. This Second Party Opinion or other opinion that falls within the definition of "advising on securities" under the SFO is intended for distribution only to "professional investors" as defined in the SFO and the Hong Kong Securities and Futures (Professional Investors) Rules. This Second Party Opinion or other opinion must not be distributed to or used by persons who are not professional investors.

MJKK or MSFJ (as applicable) hereby disclose that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by MJKK or MSFJ (as applicable) have, prior to assignment of any credit rating, agreed to pay to MJKK or MSFJ (as applicable) for credit ratings opinions and services rendered by it fees ranging from JPY125,000 to approximately JPY550,000,000.

MJKK and MSFJ also maintain policies and procedures to address Japanese regulatory requirements.

Refinitiv ESG

These Terms of Use govern your access or use of the ESG information and materials on the Refinitiv website and any AI powered voice assistance software ("Refinitiv ESG Information"). 2020© Refinitiv. All rights reserved. Refinitiv ESG Information is proprietary to Refinitiv Limited and/or its affiliates ("Refinitiv").

The Refinitiv ESG Information is for general informational and non-commercial purposes only. Reproduction, redistribution or any other form of copying or transmission of the Refinitiv ESG Information is prohibited without Refinitiv's prior written consent.

All warranties, conditions and other terms implied by statute or common law including, without limitation, warranties or other terms as to suitability, merchantability, satisfactory quality and fitness for a particular purpose, are excluded to the maximum extent permitted by applicable laws. The Refinitiv ESG Information is provided "as is" and Refinitiv makes no express or implied warranties, representations or guarantees concerning the accuracy, completeness or currency of the information in this service or the underlying Third Party Sources (as defined below). You assume sole responsibility and entire risk as to the suitability and results obtained from your use of the Refinitiv ESG Information.

The Refinitiv ESG Information does not amount to financial, legal or other professional advice, nor does it constitute: (a) an offer to purchase shares in the funds referred to; or (b) a recommendation relating to the sale and purchase of instruments; or (c) a recommendation to take any particular legal, compliance and/or risk management decision. Investors should remember that past performance is not a guarantee of future results.

The Refinitiv ESG Information will not be used to construct or calculate and index or a benchmark, used to create any derivative works or used for commercial purposes. Refinitiv's disclaimer in respect of Benchmark Regulations applies to the Refinitiv ESG Information.

No responsibility or liability is accepted by Refinitiv its affiliates, officers, employees or agents (whether for negligence or otherwise) in respect of the Refinitiv ESG Information, or for any inaccuracies, omissions, mistakes, delays or errors in the computation and compilation of the Refinitiv ESG Information (and Refinitiv shall not be obliged to advise any person of any error therein). For the avoidance of doubt, in no event will Refinitiv have any liability for any direct, indirect, special, punitive, consequential or any other damages (including lost profits) relating to any use of the Refinitiv ESG Information.

You agree to indemnify, defend and hold harmless Refinitiv from and against any claims, losses, damages, liabilities, costs and expenses, including, without limitation, reasonable legal and experts' fees and costs, as incurred, arising in any manner out of your use of, or inability to use, any Information contained on the Refinitiv web site or obtained via any AI powered voice assistance software.

You represent to us that you are lawfully able to enter into these Terms of Use. If you are accepting these Terms of Use for and on behalf of an entity such as the company you work for, you represent to us that you have legal authority to bind that entity.

By accepting these Terms of Use you are also expressly agreeing to the following Refinitiv's website Terms of Use.

Refinitiv ESG scores are derived from third party publicly available sources ("Third Party Sources") and are formulated on the basis of Refinitiv own transparent and objectively applied methodology. Refinitiv's ESG Information methodology can be accessed here.

Score range	Description	
0 to 25	First Quartile	Scores within this range indicates poor relative ESG performance and insufficient degree of transparency in reporting material ESG data publicly.
> 25 to 50	Second Quartile	Scores within this range indicates satisfactory relative ESG performance and moderate degree of transparency in reporting material ESG data publicly.
> 50 to 75	Third Quartile	Scores within this range indicates good relative ESG performance and above average degree of transparency in reporting material ESG data publicly.
> 75 to 100	Fourth Quartile	Score within this range indicates excellent relative ESG performance and high degree of transparency in reporting material ESG data publicly.

CG Report : by Thai Institute of Directors Association (Thai IOD), Established in December 1999, the Thai IOD is a membership organization that strives to promote professionalism in directorship. The Thai IOD offers directors certification and professional development courses, provides a variety of seminars, forums and networking events, and conducts research on board governance issues and practices. Membership comprises board members from companies ranging from large publicly listed companies to small private firms.

90-100	▲▲▲▲▲	Excellent
80-89	▲▲▲▲	Very Good
70-79	▲▲▲	Good
60-69	▲▲	Satisfactory
50-59	▲	Pass
Below		N/A

General Disclaimers And Disclosures:

This report is prepared and issued by Thanachart Securities Public Company Limited (TNS) as a resource only for clients of TNS, Thanachart Capital Public Company Limited (TCAP) and its group companies. Copyright © Thanachart Securities Public Company Limited. All rights reserved. The report may not be reproduced in whole or in part or delivered to other persons without our written consent.

This report is prepared by analysts who are employed by the research department of TNS. While the information is from sources believed to be reliable, neither the information nor the forecasts shall be taken as a representation or warranty for which TNS or TCAP or its group companies or any of their employees incur any responsibility. This report is provided to you for informational purposes only and it is not, and is not to be construed as, an offer or an invitation to make an offer to sell or buy any securities. Neither TNS, TCAP nor its group companies accept any liability whatsoever for any direct or consequential loss arising from any use of this report or its contents.

The information and opinions contained herein have been compiled or arrived at from sources believed reliable. However, TNS, TCAP and its group companies make no representation or warranty, express or implied, as to their accuracy or completeness. Expressions of opinion herein are subject to change without notice. The use of any information, forecasts and opinions contained in this report shall be at the sole discretion and risk of the user.

TNS, TCAP and its group companies perform and seek to perform business with companies covered in this report. TNS, TCAP, its group companies, their employees and directors may have positions and financial interest in securities mentioned in this report. TNS, TCAP or its group companies may from time to time perform investment banking or other services for, or solicit investment banking or other business from, any entity mentioned in this report. Therefore, investors should be aware of conflict of interest that may affect the objectivity of this report.

Note: Thanachart Securities Public Company Limited act as a Market Maker and Derivative Warrants Issuer. At present, TNS has issued Derivative Warrants underlying securities before making investment decisions.

Note: Our major shareholder TCAP (Thanachart Capital Pcl) which holding 89.96% of Thanachart Securities and also TCAP holding 100% of Thanachart SPV1 Co. Ltd. TCAP and Thanachart SPV1 Co. Ltd has stake in THANI for 60% and being the major shareholder of THANI.

Note: Thanachart Capital Public Company Limited (TCAP), TMBThanachart Bank Public Company Limited (TTB), are related companies to Thanachart Securities Public Company Limited (TNS). Thanachart Securities Pcl is a subsidiary of Thanachart Capital Pcl (TCAP) which holds 24.31% of the shareholding in TMBThanachart Bank Pcl.

Thanachart Capital Public Company Limited (TCAP), Ratchthani Leasing Public Company Limited (THANI), MBK PUBLIC COMPANY LIMITED (MBK) and PATUM RICE MILL AND GRANARY PUBLIC COMPANY LIMITED (PRG) are related companies to Thanachart Securities Public Company Limited (TNS) . Since TNS covers those securities in research report, consequently TNS incurs conflicts of interest.

Note: Thanachart Securities Public Company Limited (TNS) acts as an underwriter of “Debentures of BANPU PUBLIC COMPANY LIMITED No. 1/2024 (B.E. 2567) tranche 1-5 which its maturity at 2026-36 (B.E. 2569-79)”, therefore investors need to be aware that there could be conflicts of interest in this research.

Note: Thanachart Securities Public Company Limited (TNS) acts as an underwriter of “Debentures of MUANGTHAI CAPITAL PUBLIC COMPANY LIMITED No. 5/2024 (B.E. 2567) tranche 1-3 which its maturity at 2026-28 (B.E. 2569-71)”, therefore investors need to be aware that there could be conflicts of interest in this research.

Note: Thanachart Securities Public Company Limited (TNS) acts as an underwriter of “Debentures of SRISAWAD CAPITAL 1969 PUBLIC COMPANY LIMITED (SCAP) No. 2/2024 (B.E. 2567) tranche 1-3 which its maturity at 2026-28 (B.E. 2569-71)”, therefore investors need to be aware that there could be conflicts of interest in this research.

Note: Thanachart Securities Public Company Limited (TNS) acts as an underwriter of “Debentures of SAHAKOL EQUIPMENT PUBLIC COMPANY LIMITED (SQ) No. 1/2024 (B.E. 2567) which its maturity at 2026 (B.E. 2569)”, therefore investors need to be aware that there could be conflicts of interest in this research.

Disclosure of Interest of Thanachart Securities

Investment Banking Relationship

Within the preceding 12 months, Thanachart Securities has lead-managed public offerings and/or secondary offerings (excluding straight bonds) of the securities of the following companies: Moshi Moshi Retail Corporation Pcl. (MOSHI TB) and Euroasia Total Logistics Pcl (ETL TB).

Recommendation Structure:

Recommendations are based on absolute upside or downside, which is the difference between the target price and the current market price. If the upside is 10% or more, the recommendation is BUY. If the downside is 10% or more, the recommendation is SELL. For stocks where the upside or downside is less than 10%, the recommendation is HOLD. Unless otherwise specified, these recommendations are set with a 12-month horizon. Thus, it is possible that future price volatility may cause a temporary mismatch between upside/downside for a stock based on the market price and the formal recommendation.

For sectors, an "Overweight" sector weighting is used when we have BUYs on majority of the stocks under our coverage by market cap. "Underweight" is used when we have SELLs on majority of the stocks we cover by market cap. "Neutral" is used when there are relatively equal weightings of BUYs and SELLs.

Thanachart Securities Pcl.

Research Team

18 Floor, MBK Tower

444 Phayathai Road, Pathumwan Road, Bangkok 10330

Tel: 662 - 779-9119

Email: thanachart.res@thanachartsec.co.th

Pimpaka Nichgaroon, CFA

Head of Research, Strategy

Tel: 662-779-9199

pimpaka.nic@thanachartsec.co.th

Nuttapop Prasitsuksant

Telecom, Utilities

Tel: 662-483-8296

nuttapop.pra@thanachartsec.co.th

Rata Limsuthiwanpoom

Auto, Industrial Estate, Media, Prop. Fund

Tel: 662-483-8297

rata.lim@thanachartsec.co.th

Siriporn Arunothai

Small Cap, Healthcare, Hotel

Tel: 662-779-9113

siriporn.aru@thanachartsec.co.th

Sittichet Rungrassameephat

Analyst, Retail Market Strategy

Tel: 662-483-8303

sittichet.run@thanachartsec.co.th

Adisak Phupipathirungul

Retail Market Strategy

Tel: 662-779-9120

adisak.phu@thanachartsec.co.th

Pattadol Bunnak

Electronics, Food & Beverage, Shipping

Tel: 662-483-8298

pattadol.bun@thanachartsec.co.th

Saksid Phadthananarak

Construction, Transportation

Tel: 662-779-9112

saksid.pha@thanachartsec.co.th

Yupapan Polpornprasert

Energy, Petrochemical

Tel: 662-779-9110

yupapan.pol@thanachartsec.co.th

Thaloengsak Kucharoenpaisan

Analyst, Retail Market Strategy

Tel: 662-483-8304

thaloengsak.kuc@thanachartsec.co.th

Pattarawan Wangmingmat

Senior Technical Analyst

Tel: 662-779-9105

pattarawan.wan@thanachartsec.co.th

Phannarai Tiyaipittayarut

Property, Retail

Tel: 662-779-9109

phannarai.von@thanachartsec.co.th

Sarachada Sornsong

Bank, Finance

Tel: 662-779-9106

sarachada.sor@thanachartsec.co.th

Witchanan Tambamroong

Technical Analyst

Tel: 662-779-9123

witchanan.tam@thanachartsec.co.th

Nariporn Klangpremchitt, CISA

Analyst, Retail Market Strategy

Tel: 662-779-9107

nariporn.kla@thanachartsec.co.th