Carabao Group

Carabao Group **Public Company Limited** Fri, May 24, 2024



CRG

Bloomberg CBG TB Reuters CBG.BK

Growth continuing in 2Q24

After April's new high for domestic energy drink market share and continued growth overseas, we are positive toward 2Q24F performance, expecting growth both YoY and QoQ. We upgrade our 2024F net profit to reflect a better gross margin assumption and lower SG&A, which raises our 2024 net profit 9% to Bt2.5bn, solid growth of 30%. We upgrade our three-month tactical call to Outperform from Neutral with new 2024TP of Bt85/share (from Bt78/share) based on average PE of 34x.

Improving energy drink market share. CBG rose to a new high for the domestic energy drink market in April at 24.1%, up from 23.4% at end-2023. CBG has now raised this year's market share target to 26-27% from earlier target of 25%. We maintain our 2024 revenue forecast of Bt20.9bn (+11.3%) with market share of ~25%, assuming it keeps Carabao Dang retail selling price at Bt10/bottle with marketing and brand promotions. Overseas revenue is underwritten by projected sales growth in CLMV of at least 10% in 2024. For the beer business, despite introduction of a new product in 2024, total revenue from distribution and packaging per quarter will be less than during the initial launch in 4Q23.

1Q24 net profit up YoY but down QoQ. 1Q24 net profit was Bt628mn (up 138% YoY but down 3.2% QoQ) on total revenue of Bt4.9bn (+19.7% YoY but -7.2% QoQ). Revenue from its own brand (58% of revenue) grew 14% YoY but slid 2% QoQ with high growth of 14% YoY and QoQ from CLMV. Domestic sales grew 22% YoY but dropped 13% QoQ. Revenue from distribution (37% of revenue) increased 24% YoY but decreased 13% QoQ on lower beer distribution revenue. Average gross margin was 26.8%, aided by lower raw material cost and economies of scale; its own brand managed a gross margin of 39% with distribution gross margin at 9%. SG&A to sales stayed low from a sponsorship fee shared in the Carabao group.

Upgrade 2024 on better efficiency. After the healthy 1Q24 gross margin from lower raw material cost in 1Q24 and on expectations this will continue into 2Q24, we adjust our 2024 gross margin projection to 26% from 25.4% with gross margin softening in 2H24 on higher cost for aluminum and sugar. We also adjust SG&A projection from 12.6% to 12% to accommodate good control over expenses. These changes raise our 2024F net profit 9% to Bt2.5bn (+30.2%). We expect 2Q24F net profit to grow both YoY and QoQ from stronger sales volume, continued high gross margin and low SG&A.

Risks and concerns. Operational risk: CLMV economies and policies must be monitored. Competition in the domestic energy drink market is expected to stay intense. Raw material prices and COGS (aluminum, sugar, natural gas and electricity) are by nature volatile. ESG Risk: CBG was listed on SET ESG ratings as A, lagging in the social factor on marketing and labeling.

Forecasts and valuation Unit 2022 2023 2024F 2025F 2026F 19,215 18,853 20,975 21,942 23,625 (Btmn) 3,230 4.062 (Btmn) 3.608 3.961 4.258 (Btmn) 2.282 1.916 2.506 2.582 2.761 **Reported Profit** (Btmn) 2,286 1,924 2,506 2,582 2,761 (Bt) 2.28 1.92 2.51 2.58 2.76 (Bt) 1.50 0.90 1.17 1.21 1.29

31.1

6.6

22.1

2.1

(14.1)

(20.8)

37.1

6.2

17.5

1.3

(10.5)

(16.0)

28.3

30.8

5.4

20.7

1.7

22.6

(x)

(%)

(x)

(%)

(%)

(%)

Source: InnovestX Research

Year to 31 Dec

Revenue

Core Profit

Core EPS

P/E, core

P/BV, core

Dividend yield

EBITDA growth

EPS growth, core

DPS

ROE

FBITDA

See the	end o	of this	report	for	disclaimer

Tactical: OUTPERFORM

(3-month)

Stock data Last close (May 23) (Bt) 71.00 Target price (Bt) 85.00 Mkt cap (Btbn) 71.00 Mkt cap (US\$mn) 1,939 Beta Μ Mkt cap (%) SET 0.42 Sector % SET 5.85 Shares issued (mn) 1,000 Par value (Bt) 1.00 12-m high / low (Bt) 89.5 / 61.3 Avg. daily 6m (US\$mn) 7.78 Foreign limit / actual (%) 49/7 Free float (%) 28.6 Dividend policy (%) ≥ 40

Share performance

(%)	1M	3M	12M					
Absolute	8.4	(1.0)	6.4					
Relative to SET	7.9	1.1	19.5					
Sourco, SET InnovastY Pasaarah								

Source: SET, InnovestX Research

2023 Sustainability/2022 ESG	Score
SET ESG Ratings	А

ESG Bloomberg Rank in the sector

ESG Score Rank	5/55
Environmental Score Rank	1/55
Social Score Rank	3/55
Governance Score Rank	8/55

ESG comment

In 2023, CBG was listed on SET ESG ratings as A. It was granted Carbon Footprint for Organization (CFO) certification by the Thailand Greenhouse Gas Management Organization as an important milestone helping to build confidence with investors and stakeholders in considering investment under the concept of sustainability

Source: Bloomberg Finance L.P.

Analyst

25.7

6.9

4.4

18.3

1.8

4.8

27.5

3.0

4.9

19.0

1.7

2.6

Termporn Tantivivat

Fundamental Investment Analyst on Securities (662) 949-1020 termporn.tantivivat@scb.co.th



Value proposition

Carabao is the second largest energy drink company in Thailand, with a strong distribution network and a successful overseas business. Its main product, Carabao Dang Energy Drink, is packaged in amber glass bottles or aluminum cans. Other branded products include bottled water, coffee and Carabao Sport electrolyte drink. The company began to diversify its product portfolio into the functional drink segment via the launch of Woody C+ Lock in March 2020. In 4Q23, CBG started in a new business arena as a can and bottle producer including as a distributor for its Carabao group beer.

Business outlook,

CBG's strategy is to maintain the selling price of its flagship energy drink, Carabao Dang, at Bt10/bottle in hopes of raising share to 26-27% at end-2024 from 23.4% at end-2023. It targets growth of at least 10% in overseas sales in 2024, contributing 30-35% of the year's revenue.

Bullish views	Bearish views
1. New plant in Myanmar to start operations in 2025, delayed from 2024.	 Cost of items such as electricity, sugar and labor remain high and volatile.
2. Brand awareness, brand loyalty and promotions improved market share in 2024.	2. Overseas risk, political, currency and consumption
3. Declining costs for major raw material aluminum.	3. The application of sugar and sweetened beverage tax

Key catalysts

Factor	Event	Impact	Comment
Aluminum price	Aluminum price trending down	Neutral	We believe 2024 average aluminum price will be in the range of US\$2,100-2,600/ton, similar to 2023. Each US\$100 change in price either direction affects CBG's gross margin by 0.3-0.4%.
Sugar and sweetened beverage tax	Third adjustment applied from April 1,2023 onward.	Negative	Beverages containing less than 6g of sugar per 100ml will not be taxed. Drinks in the 6-8g range will be taxed Bt0.30/l (from Bt0.10), 8-10g will be taxed Bt1/l (from Bt0.30), 10-14g will be taxed Bt3/l (from Bt1), 14-18g will be taxed Bt5/l (from Bt3), and more than 18g will be taxed Bt5/l.

Sensitivity analysis

Factor	Earnings impact	TP impact
1% change gross margin	4.2%	Bt4.90/share



Our view on ESG

In 2023, CBG was listed in SET ESG ratings as A. The company also granted a Carbon Footprint for Organization (CFO) certification by the Thailand Greenhouse Gas Management Organization (Public Organization) as an important milestone helping to build confidence with investors and stakeholders in considering investment under the concept of sustainability.

ESG Disclosure Score

Bloomberg ESG Score	59.55 (2022)		CG Rating	DJSI	SETESG	SET ESG Ratings				
Rank in Sector	5/55	CBG	5	No	Yes	А				
		Source:	Source: Thai Institute of Directors (IOD), SET							

Environmental Issue (E)

- CBG launched a water filtration system using reverse osmosis in 2021 to produce pure drinking water, the volume of recycled water in 2020 grew to 35,688 cubic meters with 39,943 in 2021, up by 12%.
- It started waste disposal management starting with selection of raw materials to final process is the procedure of waste management by controlling less usage, reuse, recycle and properly disposed as well as the selection of effective Supplier in accordance with • the requirements of the law

Governance Issue (G)

- CBG's corporate image: Be known as a world class organization with good governance and social responsibility.
- Won 2 awards from the Global Good Governance Awards (3G Awards) 2021 held by Cambridge IFA, the United Kingdom: 1) 3G Championship Award for CSR Campaign 2021, 2) 3G Excellence in Corporate Governance Reporting Award 2021.
- Won 3 awards from the 11th Institutional Investor-Corporate Awards 2021 held by Alpha Southeast Asia:
 1) Best Senior Management Investor Relations Support,
 2) Strongest Adherence to Corporate Governance and
 3) Best CFO in Thailand for Mr. Pongsarn Klongwathanakith, CFO of Carabao group.

Social Issue (S)

- Creating jobs and career development opportunities for better quality of life of local communities through participation in company activities.
- Respect individual rights while taking care of employees fairly and equitably, no matter what level.
- Committed to enhancing employee knowledge and uplifting their skills and performance efficiency
- Pay attention to the development of community wellbeing and the sustainability of social and the environment.

EGS Disclosure Score 2021 2022 43.33 59.55 ESG Disclosure Score Environment 33.62 55.90 **Emissions Reduction Initiatives** Yes Yes Climate Change Policy Yes Yes Energy Efficiency Policy Yes Yes Renewable Energy Use 5.59 7.18 Social 30.20 50 36 Number of Employees - CSR 3,232 3.325 Human Rights Policy Yes Yes Policy Against Child Labor No Yes Equal Opportunity Policy No No **Business Ethics Policy** Yes Yes Anti-Bribery Ethics Policy Yes Yes Health and Safety Policy Yes Yes Governance 66.07 72.34 Size of the Board 13 13 Indep Directors 6 6 % Indep Directors 46 46 Board Duration (Years) 6 6 # Board Meetings Board Mtg Attendance (%) 100 95

Source: Bloomberg Finance L.P.

Disclaimer

Bloomberg ESG Disclosure Scores rate companies on their level of disclosure of ESG data. Bloomberg offers four disclosure scores, for overall ESG, as well as Environmental, Social, and Governance. To review the fully transparent methodology, calculate disclosure scores for any company, and compare a company's scores vs its peers, see ESG Disclosure Score Model in Bloomberg.



Financial statement

Profit and Loss Statement									
FY December 31	Unit	2019	2020	2021	2022	2023	2024F	2025F	2026F
Total revenue	(Btmn)	14,933	17,231	17,364	19,215	18,853	20,975	21,942	23,625
Cost of goods sold	(Btmn)	(9,123)	(10,173)	(11,181)	(13,582)	(13,974)	(15,521)	(16,105)	(17,341)
Gross profit	(Btmn)	5,810	7,058	6,183	5,633	4,879	5,453	5,837	6,284
SG&A	(Btmn)	(2,753)	(2,880)	(2,945)	(3,078)	(2,660)	(2,517)	(2,809)	(3,071)
Other income	(Btmn)	107	156	206	240	193	198	204	210
Interest expense	(Btmn)	(133)	(107)	(89)	(115)	(183)	(179)	(184)	(161)
Pre-tax profit	(Btmn)	3,032	4,227	3,356	2,679	2,229	2,956	3,048	3,262
Corporate tax	(Btmn)	(564)	(667)	(513)	(433)	(337)	(473)	(488)	(522)
Equity a/c profits	(Btmn)	0	0	0	0	0	0	0	0
Minority interests	(Btmn)	38	(34)	38	35	24	23	22	21
Core profit	(Btmn)	2,506	3,525	2,881	2,282	1,916	2,506	2,582	2,761
Extra-ordinary items	(Btmn)	0	0	0	5	8	0	0	0
Net Profit	(Btmn)	2,506	3,525	2,881	2,286	1,924	2,506	2,582	2,761
EBITDA	(Btmn)	3,699	5,002	4,198	3,608	3,230	3,961	4,062	4,258
Core EPS	(Bt)	2.51	3.53	2.88	2.28	1.92	2.51	2.58	2.76
Net EPS	(Bt)	2.51	3.53	2.88	2.29	1.92	2.51	2.58	2.76
DPS	(Bt)	1.70	2.40	1.90	1.50	0.90	1.17	1.21	1.29

Balance Sheet									
FY December 31	Unit	2019	2020	2021	2022	2023	2024F	2025F	2026F
Total current assets	(Btmn)	3,197	3,992	5,382	6,347	5,802	5,739	6,283	7,012
Total fixed assets	(Btmn)	11,583	13,094	13,804	13,692	13,741	13,884	14,026	14,166
Total assets	(Btmn)	14,780	17,087	19,186	20,039	19,544	19,623	20,309	21,178
Total loans	(Btmn)	1,997	3,594	3,381	6,087	1,994	3,494	2,994	2,494
Total current liabilities	(Btmn)	3,777	5,655	5,427	8,187	4,283	5,728	5,270	4,812
Total long-term liabilities	(Btmn)	2,284	1,274	3,648	1,287	3,948	976	710	484
Total liabilities	(Btmn)	6,062	6,929	9,075	9,474	8,231	6,704	5,980	5,296
Paid-up capital	(Btmn)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Total equity	(Btmn)	8,718	10,157	10,111	10,565	11,312	12,919	14,329	15,882
BVPS	(Bt)	8.72	10.16	10.11	10.57	11.31	12.92	14.33	15.88

Cash Flow Statement									
FY December 31	Unit	2019	2020	2021	2022	2023	2024F	2025F	2026F
Core Profit	(Btmn)	2,506	3,525	2,881	2,282	1,916	2,506	2,582	2,761
Depreciation and amortization	(Btmn)	534	668	753	813	818	826	830	835
Operating cash flow	(Btmn)	2,957	3,636	2,469	2,131	3,903	2,748	3,304	3,485
Investing cash flow	(Btmn)	(432)	(1,670)	(1,176)	(498)	(863)	(900)	(900)	(900)
Financing cash flow	(Btmn)	(1,714)	(1,933)	(1,116)	(1,830)	(2,803)	(2,392)	(1,960)	(1,958)
Net cash flow	(Btmn)	810	33	177	(197)	238	(544)	444	627

Key Financial Ratios									
FY December 31	Unit	2019	2020	2021	2022	2023	2024F	2025F	2026F
Gross margin	(%)	38.9	41.0	35.6	29.3	25.9	26.0	26.6	26.6
Operating margin	(%)	20.5	24.2	18.7	13.3	11.8	14.0	13.8	13.6
EBITDA margin	(%)	24.8	29.0	24.2	18.8	17.1	18.9	18.5	18.0
EBIT margin	(%)	21.2	25.1	19.8	14.5	12.8	14.9	14.7	14.5
Net profit margin	(%)	16.8	20.5	16.6	11.9	10.2	11.9	11.8	11.7
ROE	(%)	28.7	34.7	28.5	21.6	17.0	19.4	18.0	17.4
ROA	(%)	17.0	20.6	15.0	11.4	9.8	12.8	12.7	13.0
Net gearing	(x)	0.4	0.4	0.4	0.6	0.4	0.3	0.2	0.1
Interest coverage	(x)	23.8	40.6	38.8	24.3	13.2	17.5	17.5	21.2
Debt service coverage	(x)	1.7	1.4	1.2	0.6	1.5	1.1	1.3	1.6
Payout Ratio	(%)	67.8	68.1	65.9	65.6	46.8	46.8	46.8	46.8

Main Assumptions									
FY December 31	Unit	2019	2020	2021	2022	2023	2024F	2025F	2026F
Sales Growth	(%)	3.5	15.4	0.8	10.7	(1.9)	11.3	4.6	7.7
SG&A/Sales	(%)	18.4	16.7	17.5	16.0	15.5	12.0	12.8	13.0



Financial statement

Profit and Loss Statement									
FY December 31	Unit	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24
Total revenue	(Btmn)	5,247	4,695	4,490	4,124	4,707	4,707	5,316	4,935
Cost of goods sold	(Btmn)	3,631	3,335	3,299	3,107	3,447	3,445	3,975	3,613
Gross profit	(Btmn)	1,616	1,359	1,191	1,017	1,260	1,262	1,341	1,322
SG&A	(Btmn)	1,616	1,359	1,191	1,017	1,260	1,262	1,341	1,322
Other income	(Btmn)	68	55	73	62	42	44	45	42
Interest expense	(Btmn)	26	30	35	36	44	51	52	45
Pre-tax profit	(Btmn)	893	571	457	314	546	599	769	742
Corporate tax	(Btmn)	112	164	103	55	61	80	80	115
Equity a/c profits	(Btmn)	0	0	0	0	0	0	0	0
Minority interests	(Btmn)	13	8	0	8	7	9	1	6
Core profit	(Btmn)	794	415	355	268	492	528	690	633
Extra-ordinary items	(Btmn)	0	0	0	0	0	0	0	0
Net Profit	(Btmn)	742	476	408	264	482	530	649	628
EBITDA	(Btmn)	1,120	807	689	554	795	854	1,027	993
Core EPS	(Bt)	0.79	0.42	0.35	0.27	0.49	0.53	0.69	0.63
Net EPS	(Bt)	0.74	0.48	0.41	0.26	0.48	0.53	0.65	0.63

Balance Sheet

FY December 31	Unit	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24
Total current assets	(Btmn)	5,958	6,148	6,347	5,488	6,074	5,698	5,802	4,940
Total fixed assets	(Btmn)	13,910	13,786	13,692	13,628	13,821	13,869	13,741	13,685
Total assets	(Btmn)	19,868	19,935	20,039	19,116	19,895	19,566	19,544	18,625
Total Loans	(Btmn)	1,090	823	555	2,509	3,682	1,479	3,326	2,805
Total current liabilities	(Btmn)	5,679	7,985	7,939	4,911	4,828	4,650	4,040	2,896
Total long-term liabilities	(Btmn)	1,670	1,376	1,082	3,013	4,160	1,928	3,747	3,202
Total liabilities	(Btmn)	9,405	9,759	9,474	8,287	9,309	8,862	8,231	6,667
Paid-up capital	(Btmn)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Total equity	(Btmn)	10,573	10,294	10,683	10,960	10,726	10,847	11,491	12,139
BVPS	(Bt)	10.57	10.29	10.68	10.96	10.73	10.85	11.49	12.14

Cash Flow Statement

Unit	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24
(Btmn)	794	415	355	268	492	528	690	633
(Btmn)	202	206	197	204	206	204	205	205
(Btmn)	1,488	1,990	997	871	872	2,695	3,903	1,136
(Btmn)	(273)	(379)	(182)	(163)	(455)	(689)	(863)	(126)
(Btmn)	(1,427)	(1,549)	(758)	(810)	(934)	(2,049)	(2,802)	(1,408)
(Btmn)	(212)	63	57	(102)	(518)	(43)	238	(398)
	(Btmn) (Btmn) (Btmn) (Btmn) (Btmn)	(Btmn) 794 (Btmn) 202 (Btmn) 1,488 (Btmn) (273) (Btmn) (1,427)	(Btmn) 794 415 (Btmn) 202 206 (Btmn) 1,488 1,990 (Btmn) (273) (379) (Btmn) (1,427) (1,549)	(Btmn) 794 415 355 (Btmn) 202 206 197 (Btmn) 1,488 1,990 997 (Btmn) (273) (379) (182) (Btmn) (1,427) (1,549) (758)	(Btmn) 794 415 355 268 (Btmn) 202 206 197 204 (Btmn) 1,488 1,990 997 871 (Btmn) (273) (379) (182) (163) (Btmn) (1,427) (1,549) (758) (810)	(Btmn) 794 415 355 268 492 (Btmn) 202 206 197 204 206 (Btmn) 1,488 1,990 997 871 872 (Btmn) (273) (379) (182) (163) (455) (Btmn) (1,427) (1,549) (758) (810) (934)	(Btmn)794415355268492528(Btmn)202206197204206204(Btmn)1,4881,9909978718722,695(Btmn)(273)(379)(182)(163)(455)(689)(Btmn)(1,427)(1,549)(758)(810)(934)(2,049)	(Btmn) 794 415 355 268 492 528 690 (Btmn) 202 206 197 204 206 204 205 (Btmn) 1,488 1,990 997 871 872 2,695 3,903 (Btmn) (273) (379) (182) (163) (455) (689) (863) (Btmn) (1,427) (1,549) (758) (810) (934) (2,049) (2,802)

Key Financial Ratios

FY December 31	Unit	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24
Gross margin	(%)	30.8	29.0	26.5	24.7	26.8	26.8	25.2	26.8
Operating margin	(%)	16.2	11.6	9.3	7.0	11.6	12.9	14.6	15.1
EBITDA margin	(%)	21.3	17.2	15.4	13.4	16.9	18.2	19.3	20.1
EBIT margin	(%)	123.2	128.1	119.1	132.1	122.7	122.6	126.5	158.1
Net profit margin	(%)	14.1	10.1	9.1	6.4	10.2	11.3	12.2	12.7
ROE	(%)	7.0	4.6	3.8	2.4	4.5	4.9	5.6	5.2
ROA	(%)	4.0	2.2	1.9	1.5	2.7	2.9	3.8	4.7
Net gearing	(x)	41.0	65.0	58.3	51.8	52.5	33.1	39.7	29.6
Interest coverage	(x)	0.3	0.1	0.1	0.2	0.3	0.3	0.5	0.8
Debt service coverage	(x)	30.8	29.0	26.5	24.7	26.8	26.8	25.2	26.8



Figure 1: Earnings Review Profit and Loss Statement

Profit and Loss Statement							
FY December 31	1Q23	2Q23	3Q23	4Q23	1Q24	%ΥοΥ	%QoQ
Total revenue	4,124	4,707	4,707	5,316	4,935	19.7	(7.2)
Cost of goods sold	(3,107)	(3,447)	(3,445)	(3,975)	(3,613)	16.3	(9.1)
Gross profit	1,017	1,260	1,262	1,341	1,322	30.0	(1.4)
SG&A	(729)	(712)	(655)	(564)	(576)	(20.9)	2.1
Other income/expense	62	42	44	45	42	(33.3)	(7.4)
Interest expense	(36)	(44)	(51)	(52)	(45)	25.5	(13.4)
Corporate tax	(61)	(80)	(80)	(115)	(123)	101.9	6.4
Minority interests	8	7	9	1	6	(21.3)	596.7
Core profit	261	472	527	655	625	139.4	(4.5)
Net Profit	264	482	530	649	628	138.1	(3.2)
EBITDA	350	589	650	822	787	124.7	(4.2)
Core EPS (Bt)	0.26	0.47	0.53	0.65	0.63	139.4	(4.5)
Financial Ratio							
Gross Margin (%)	24.7	26.8	26.8	25.2	26.8		
EBIT Margin (%)	17.7	15.1	13.9	10.6	11.7		
EBITDA Margin (%)	8.5	12.5	13.8	15.5	16.0		
Net Margin (%)	6.4	10.2	11.3	12.2	12.7		
Course InconstV December							

Source: InnovestX Research

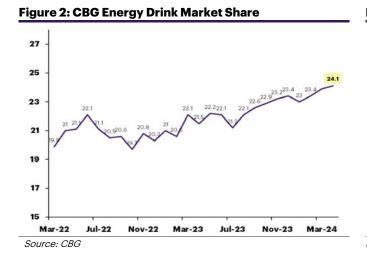
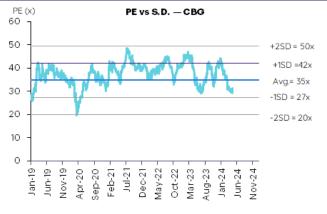
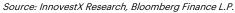


Figure 3: PER Band







Disclaimer

The information in this report has been obtained from sources believed to be reliable. However, its accuracy or completeness is not guaranteed. Any opinions expressed herein reflect our judgment at this date and are subject to change without notice. This report is for information only. It is not to be construed as an offer, or solicitation of an offer to sell or buy any securities. We accept no liability for any loss arising from the use of this document. We or our associates may have an interest in the companies mentioned therein.

InnovestX Securities Company Limited ("INVX") is wholly owned by SCB X Public Company Limited ("SCBX") and The Siam Commercial Bank Public Company Limited ("SCB") is majority-owned by SCBX. Any information related to SCB is for sector comparison purpose.

This document is prepared by InnovestX Securities Company Limited ("INVX") which is wholly owned by SCB X Public Company Limited ("SCBX"). The Siam Commercial Bank Public Company Limited, which is majority-owned by SCBX, acts as financial advisor of the LH Hotel Leasehold Real Estate Investment Trust. Any opinions, news, research, analyses, prices, statements, forecasts, projections and/or other information contained in this document (the "Information") is provided as general information purposes only and shall not be construed as individualized recommendation of an offer to buy or sell or the solicitation of an offer to buy or sell any securities. INVX and/or its directors, officers and employees shall not be liable for any direct, incidental, special or consequential loss or damage, resulting from the use of or reliance on the Information, including without limitation to, damages for loss of profits. The investors shall use the Information in association with other information and opinion, including their own judgment in making investment decision. The Information is obtained from sources believed to be reliable, and INVX cannot guarantee the accuracy, completeness and/or correctness of the Information.

INVX reserves the right to modify the Information from time to time without notice and in its sole discretion. This document is delivered to intended recipient(s) only and is not permitted to reproduce, retransmit, disseminate, sell, distribute, republish, circulate or commercially exploit the Information in any manner without the prior written consent of INVX.

Futures and Options trading carry a high level of risk with the potential for substantial losses, and are not suitable for all persons. Before deciding to trade Futures and Options, you should carefully consider your financial position, investment objectives, level of experience, and risk appetite if Futures and Options trading are appropriate. The possibility exists that you could sustain a loss of some or all of your initial investment. You should be aware of all the risks associated with Futures and Options trading, and you are advised to rely on your own judgment while making investment decision and/or should seek advice from professional investment advisor if you have any doubts.

This document is delivered to intended recipient(s) only and is not permitted to reproduce, retransmit, disseminate, sell, distribute, republish, circulate or commercially exploit the Information in any manner without the prior written consent of INVX.

© Copyright 2022 InnovestX Securities Co., Ltd. All right reserved.



CG Rating 2023 Companies with CG Rating

Companies with Excellent CG Scoring

Companies with Very Good CG Scoring

2S, A5, AAI, AIE, ALUCON, AMR, APURE, ARIN, AS, ASIA, ASIAN, ASIMAR, ASN, AURA, BR, BSBM, BTG, CEN, CGH, CH, CHIC, CI, CIG, CMC, COMAN, CSP, DOD, DPAINT, DV8, EFORL, EKH, ESSO, ESTAR, EVER, FORTH, FSMART, FTI, GEL, GPI, HEALTH, HUMAN, IFS, INSET, IT, J, JCKH, JDF, JKN, JMART, JUBILE, K, KCAR, KGJ, KIAT, KISS, KK, KTIS, KWC, KWM, LDC, LEO, LHK, MACO, METCO, MICRO, MK, MVP, NCAP, NOVA, NTSC, PACO, PIN, PQS, PREB, PRI, PRIME, PROEN, PROS, PROUD, PSTC, PTECH, PYLON, RCL, SALEE, SANKO, SCI, SCN, SE, SE-ED, SFLEX, SINGER, SKN, SONIC, SORKON, SPVI, SSP, SST, STANLY, STP, SUPER, SVOA, SWC, TCC, TEKA, TFM, TMILL, TNP, TPLAS, TPOLY, TRC, TRU, TRUBB, TSE, VRANDA, WAVE, WFX, WIIK, WIN, WP, XO

Companies with Good CG Scoring

24CS, AMANAH, AMARC, AMC, APP, ASAP, BCT, BE8, BIG, BIOTEC, BLESS, BSM, BVG, CAZ, CCET, CHARAN, CHAYO, CHOTI, CITY, CMAN, CMR, CRANE, CWT, DHOUSE, DTCENT, EASON, FNS, FTE, GIFT, GJS, GTB, GTV, GYT, HL, HTECH, HYDRO, IIG, INGRS, INSURE, IRCP, ITD, ITNS, JCK, JMT, JR, JSP, KBS, KGEN, KJL, L&E, LEE, MASTER, MBAX, MEB, MENA, META, MGT, MITSIB, MJD, MOSHI, MUD, NATION, NNCL, NPK, NSL, NV, OGC, PAF, PCC, PEACE, PICO, PK, PL, PLANET, PLE, PMTA, PPM, PRAKIT, PRAPAT, PRECHA, PRIN, PSG, RABBIT, READY, RJH, RSP, RWI, S11, SAAM, SAF, SAMCO, SAWAD, SCAP, SCP, SIAM, SKE, SKY, SMART, SMD, SMIT, SOLAR, SPA, STECH, STPI, SVR, TC, TCCC³, TEAM, TFI, TIGER, TITLE, TKC, TMI, TNH, TPA, TPAC, TRITN, UBA, UMI, UMS, UTP, VARO, VPO, W, WARRIX, WORK, WPH, YONG, ZIGA

Corporate Governance Report

The material contained in this publication is for general information only and is not intended as advice on any of the matters discussed herein. Readers and others should perform their own independent analysis as to the accuracy or completeness or legality of such information. The Thai Institute of Directors, its officers, the authors and editor make no representation or warranty as to the accuracy, completeness or legality of any of the information contained herein. By accepting this document, each recipient agrees that the Thai Institute of Directors Association, its officers, the authors and editor shall not have any liability for any information contained in, or for any omission from, this publication. 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. InnovestX

Securities Company Limited does not conform nor certify the accuracy of such survey result. To recognize well performers, the list of companies attaining "Good", "Very Good" and "Excellent" levels of recognition (Not including listed companies qualified in the "no

announcement of the results" clause from 1 January 2022 to 31 October 2023) is publicized.

¹OISHI was voluntarily delisted from the Stock Exchange of Thailand, effectively on September 6, 2023

²SFP was voluntarily delisted from the Stock Exchange of Thailand, effectively on July 19, 2023

³TCCC was voluntarily delisted from the Stock Exchange of Thailand effectively on August 25, 2023

Anti-corruption Progress Indicator

Certified (ได้รับการรับรอง)

2S, 7UP, AAI, ADVANC, AF, AH, AI, AIE, AIRA, AJ, AKP, AMA, AMANAH, AMATA, AMATAV, AP, APCS, AS, ASIAN, ASK, ASP, AWC, AYUD, B, BAFS, BAM, BANPU, BAY, BBGI, BBL, BCH, BCP, BCPG, BE8, BEC, BEYOND, BGC, BGRIM, BKI, BLA, BPP, BROOK, BRR, BSBM, BTS, BWG, CEN, CENTEL, CFRESH, CGH, CHEWA, CHOTI, CHOW, CIG, CIMBT, CM, CMC, COM7, CPALL, CPAXT, CPF, CPL, CPL, CPN, CPW, CRC, CSC, DCC DELTA, DEMCO, DIMET, DOHOME, DRT, DUSIT, EA, EASTW, ECF, EGCO, EP, EPG, ERV, ESTAR, ETC, ETE, FNS, FPI, FPT, FSMART, FTE, GBX, GC, GCAP, GEL, GFPT, GGC, GJS, GPI, GPSC, GSTEEL, GULF, GUNKUL, HANA, HARN, HENG, HMPRO, HTC, ICC, ICHI, IFS, III, ILINK, ILM, INET, INOX, INSURF, NITUCH, IRPC, ITEL, IVL, JAS, JKN, JR, JTS, KASET, KBANK, KBS, KCAR, KCCAMC, KCE, KGEN, KGI, KKP, KSL, KTB, KTC, L&E, LANNA, LHFG, LHK, LPN, LRH, M, MAILE, MATCH, MBAX, MBK, MC, MCOT, META, MFC, MFEC, MILL, MINT, MONO, MOONG, MSC, MST, MTC, MTI, NATION, NCAP, NEP, NKI, NOBLE, NRF, NWR, OCC, OGC, OR, OR, PAP, PATO, PB, PCSGH, PDG, PDJ, PG, PHOL, PIMO, PK, PL, PLANB, PLANET, PLAT, PM, PPP, PPPM, PPS, PR9, PREB, PRG, PRINC, PRM, PROS, PSH, PSL, PSTC, PT, PTECH, PTG, PTT, PTTEP, PTTGC, PYLON, Q-CON, QH, QLT, GTC, RABBIT, RATCH, RML, RS, RWI, S&J, SAAM, SABINA, SAK, SAPPE, SAT, SC, SCC, SCG, SCGP, SCM, SCN, SEAOIL, SE-ED, SELIC, SENA, SGG, SGF, SIRI, SITHAI, SKR, SMIT, SMK, SMPC, SNC, SNP, SORKON, SPACK, SPALI, SPC, SPI, SPRC, SRICHA, SSF, SSP, SSSC, SST, STA, STGT, STOWER, SUSCO, SVI, SYNTEC, TAE, TAKUNI, TASCO, TCAP, TCMC, TFG, TFI, TFMAMA, TGE, TGH, THANI, THCOM, THIP, THRE, THREL, TIDLOR, TIPCO, TISCO, TKS, TKT, TMD, TMILL, TMT, TNITY, NL, TNP, TNR, TOG, TOP, TOPP, TPA, TPCS, TRT, TRU, TSC, TSI, STSH, TTA, TTB, TTCL, TU, TVDH, TVO, TWPC, UBE, UBIS, UEC, UKEM, UOBKH, UV, VCOM, VGI, VIH, WACOAL, WHA, WHAUP, WICE, WIIK, XO, YUASA, ZEN, ZIGA

Declared (ประกาศเจตนารมณ์)

ACE, ADB, ALT, AMC, ASW, BLAND, BTG, BYD, CAZ, CBG, CV, DEXON, DMT, EKH, FSX, GLOBAL, GREEN, ICN, IHL, ITC, J, JMART, JMT, LEO, LH, MENA, MITSIB, MODERN, NER, NEX, OSP, PEER, PLUS, POLY, PQS, PRIME, PROEN, PRTR, RBF, RT, SA, SANKO, SCB, SENX, SFLEX, SIS, SKE, SM, SVOA, TBN, TEGH, TIPH, TKN, TPAC, TPLAS, TQM, TRUE, W, WPH, XPG

24CS, 3K-BAT, A, A5, AAV, ABM, ACAP, ACC, ACG, ADD, ADVICE, AEONTS, AFC, AGE, AHC, AIT, AJA, AKR, AKS, ALL, ALLA, ALPHAX, ALUCON, AMARC, AMARIN, AMR, ANAN, ANI, AOT, APCO, APEX, APO, APD, APURE, AQUA, ARIN, ARIP, ARROW, ASAP, ASEA, ASIA, ASIMAR, ASN, ATP30, AU, AUCT, AURA, B52, BA, BBIK, BC, BCT, BDMS, BEAUTY, BEM, BGT, BH, BIG, BIOTEC, BIS, BIZ, BJC, BJCHI, BKD, BKGI, BLC, BLESS, BLISS, BM, BOL, BPS, BR, BRI, BROCK, BSM, BSRC, BTNC, BTW, BUI, BVG, CCET, CCP, CEYE, CGD, CH, CHARAN, CHASE, CHAYO, CHG, CHIC, CHO, CI, CITY, CIVIL, CK, CKP, CMAN, CMO, CMR, CNT, COCOCO, COLOR, COMAN, CPANEL, CPH, CPR, CPT, CRANE, CRD, CREDIT, CSP, CSR, CSS, CTW, CWT, D, DCON, DDD, DHOUSE, DITTO, DOD, DPAINT, DTCENT, DTCI, DV8, EASON, ECL, EE, EFORL, EMC, ETL, EURO, EVER, F&D, FANCY, FE, FLOYD, FMT, FN, FORTH, FTI, FVC, GABLE, GENCO, GFC, GIFT, GL, GLAND, GLOCON, GLORY, GRAMMY, GRAND, GSC, GTB, GTV, GYT, HEALTH, HFT, HL, HPT, HTECH, HUMAN, HYDRO, 12, IFEC, IIG, IMH, IND, INGRS. INSET, IP, IRC, IRCP, IT, ITD, ITNS, ITTHI, JAK, JCK, JCKH, JCT, JDF, JPARK, JSP, JUBILE, K, KAMART, KC, KCG, KCM, KDH, KEX, KIAT, KISS, KJL, KK, KKC, KLINIQ, KOOL, KTIS, KTMS, KUMWEL, KUN, KWC, KWI, KWM, KYE, LALIN, LDC, LEE, LIT, LOXLEY, LPH, LST, LTS, MANRIN, MASTER, MATI, MCA, M-CHAI, MCS, MDX, MEB, MEGA, METCO, MGC, MGI, MGT, MICRO, MIDA, MJD, MK, ML, MORE, MOSHI, MTW, MUD, MVP, NAM, NAT, NC, NCH, NCL, NDR, NEO, NETBAY, NEW, NEWS, NFC, NL, NNCL, NOK, NOVA, NPK, NSL, NTSC, NTV, NUSA, NV, NVD, NYT, OHTL, ONEE, ORN, PACE, PACO, PAF, PANEL, PCC, PEACE, PERM, PF, PHG, PICO, PIN, PJW, PLE, PLT, PMTA, POLAR, PORT, POST, PPM, PRAKIT, PRAPAT, PRECHA, PRI, PRIN, PRO, PROUD, PSG, PSP, PTC, PTL, QTCG, RAM, RCL, READY, RICHY, RJH, ROCK, ROCTEC, ROH, ROJNA, RP, RPC, RPH, RSP, S, S11, SABUY, SAF, SAFARI, SAFE, SALEE, SAM, SAMART, SAMCO, SAMTEL, SAUCE, SAV, SAWAD, SAWANG, SBNEXT, SCAP, SCGD, SCI, SCL, SCP, SDC, SE, SEAFCO, SECURE, SFT, SGF, SHANG, SHR, SIAM, SICT, SIMAT, SINGER, SINO, SISB, SJWD, SK, SKN, SKY, SLM, SLP, SMART, SMD, SMT, SNNP, SO, SOLAR, SONIC, SPA, SPCG, SPG, SPREME, SPVI, SQ, SR, SRS, SSC, STANLY, STARK, STC, STECH, STHAI, STI, STP, STPI, STX, SUC, SUN, SUPER, SUTHA, SVR, SVT, SWC, SYNEX, TACC, TAN, TAPAC, TC, TCC, TCCJ, TCOAT, TEAM, TEAMG, TEKA, TERA, TFM, TGPRO, TH, THAI, THANA, THE, THG, THMUI, TIGER, TITLE, TK, TKC, TLI, TM, TMC, TMI, TMW, TNDT, TNH, TNPC, TOA, TPBI, TPCH, TPIPL, TPIPP, TPL, TPOLY, TPP, TPS, TQR, TR, TRC, TRITN, TRP, TRUBB, TRV, TSE, TTI, TTT, TTW, TURTLE, TVH, TVT, TWP, TWZ, TYCN, UAC, UBA, UMI, UMS, UNIQ, UP, UPF, UPOIC, UREKA, UTP, UVAN, VARO, VIBHA, VL, VNG, VPO, VRANDA, WARRIX, WAVE, WELL, WFX, WGE, WIN, WINDOW, WINMED, WINNER, WORK, WORLD, WP, YGG, YONG, ZAA

Explanations

Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of November 1, 2023) are categorised into: companies that have declared their intention to join CAC, and companies certified by CAC.