

13 AUGUST 2024

EQUITY RESEARCH – RESULTS FLASH

CARABAO GROUP
 THAILAND / FOOD & BEVERAGE

CBG TB
FINANSIA
 FSS INTERNATIONAL INVESTMENT ADVISORY

BUY
 UNCHANGED

2Q24 results at first glance

2Q24 net profit was in line, but revenue was unexciting

Highlights

- CBG reported a 2Q24 net profit of THB691m (+10% q-q, +43% y-y), driven by a strong recovery in its gross margin and reduced expenses. Meanwhile, its total revenue was unexciting.
- Total revenue increased slightly by 0.4% q-q and 5.3% y-y. This growth was primarily due to the strong performance in domestic beverage revenue, which grew by 9.6% q-q, as market share increased to 24% from 23.5% in 1Q24. Packaging revenue also saw a significant rise, increasing by 29% q-q and 50% y-y, largely due to higher beer and spirit packaging revenue, which offset the decline in overseas revenue (-4.3% q-q, -2.4% y-y). Meanwhile, distribution revenue dropped by 5.5% q-q, mainly from beer.
- The gross margin improved to 27.7% in 2Q24 from 26.8% in 1Q24 and 2Q23, supported by the increased production of spirit packaging, which uses glass bottles and has a higher margin than canned beer. Therefore, the gross margin for packaging rose to 26.4% from 18.8% in 1Q24, while the gross margin for energy drinks remained steady q-q at 38.9%.
- Total expenses were well-managed despite ongoing promotional activities, resulting in a decrease in the SG&A to sales ratio to 10.8% from 11.7% in 1Q24 and 15.1% in 2Q23.

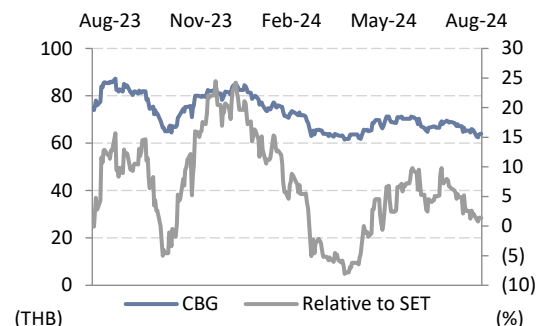
Outlook

- We expect 2H24 net profit to slightly increase from 1H24, with continued growth anticipated in domestic energy drink revenue due to ongoing promotions. However, overseas revenue might remain stable or decline slightly due to seasonal factors. As for the beer business, there has not been any significant development visible in CBG's financial statements, so we need to continue monitoring this.
- CBG has entered into a joint venture agreement with Mr. Him Try and Mr. Chea Seng, who are the distributors of Carabao products in Cambodia. They have established Carabao (Cambodia) with THB1.45b in capital, in which CBG will hold a 60% stake to operate energy drink production in Cambodia. The plan includes installing two production lines with a total capacity of 600 million cans per year (which is 24% of Thailand's canned beverage filling capacity) in order to mitigate the impact of the tax increase on energy drinks in Cambodia from 10% to 15%. This move aims to enhance competitiveness and maintain profit margins. The company plans to start producing products in 3Q26. Note that the Cambodian revenue contribution was around 17% of total revenue in 2023.

TARGET PRICE	THB81.00
CLOSE	THB64.00
UP/DOWNSIDE	+26.6%
TP vs CONSENSUS	+1.3%

KEY STOCK DATA

YE Dec (THB m)	2023	2024E	2025E	2026E
Revenue	18,853	21,139	22,263	23,344
Net profit	1,924	2,684	2,896	3,065
EPS (THB)	1.92	2.68	2.90	3.06
vs Consensus (%)	-	1.2	(1.2)	(6.1)
EBITDA	3,245	4,144	4,393	4,617
Recurring net profit	1,924	2,684	2,896	3,065
Core EPS (THB)	1.92	2.68	2.90	3.06
EPS growth (%)	(15.8)	39.5	7.9	5.8
Core P/E (x)	33.3	23.8	22.1	20.9
Dividend yield (%)	1.4	2.1	2.3	2.4
EV/EBITDA (x)	21.1	16.8	15.9	15.1
Price/book (x)	5.6	4.9	4.4	4.0
Net debt/Equity (%)	41.2	44.9	40.7	36.9
ROE (%)	17.4	21.8	20.9	20.0



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	(7.6)	(3.4)	(11.4)
Relative to country (%)	(6.0)	2.0	4.4
Mkt cap (USD m)	1,815		
3m avg. daily turnover (USD m)	5.6		
Free float (%)	29		
Major shareholder	Sathienthamholding Co Ltd (25%)		
12m high/low (THB)	89.50/61.25		
Issued shares (m)	1,000.00		

Sources: Bloomberg consensus; FSSIA estimates


Sureeporn Teewasuwet

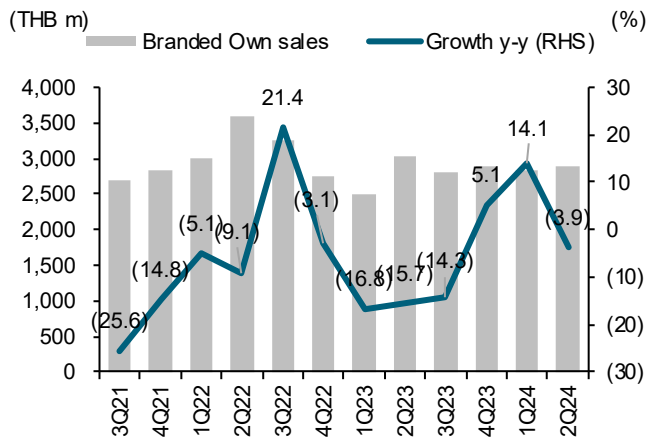
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PREPARED BY FSS INTERNATIONAL INVESTMENT ADVISORY SECURITIES CO LTD (FSSIA). ANALYST CERTIFICATION AND IMPORTANT DISCLOSURES CAN BE FOUND AT THE END OF THIS REPORT

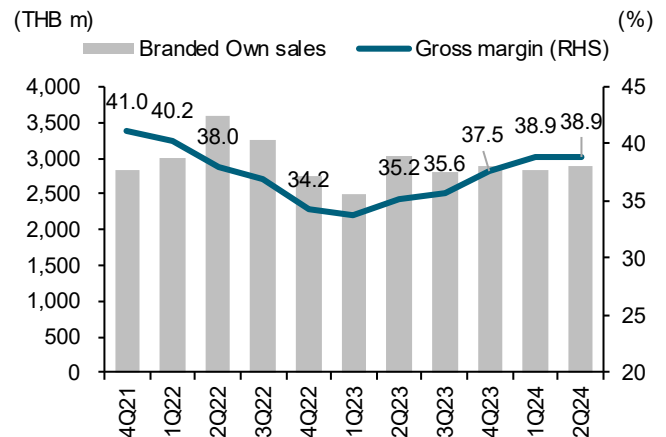
Exhibit 1: CBG – 2Q24 results summary

	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24	----- Change -----		2024E	Change	% 1H24
	(THB m)	(THB m)	(THB m)	(THB m)	(THB m)	(THB m)	(q-q%)	(y-y%)	(THB m)	(y-y%)	to 2024E
Sales	4,124	4,707	4,707	5,316	4,935	4,954	0.4	5.3	21,139	12.1	46.8
Cost of sales	3,107	3,447	3,445	3,975	3,613	3,583	(0.8)	3.9	15,586	11.5	46.2
Gross profit	1,017	1,260	1,262	1,341	1,322	1,371	3.7	8.8	5,553	13.8	48.5
SG&A	729	712	655	564	576	533	(7.4)	(25.1)	2,473	(7.0)	44.9
Operating profit	350	588	650	819	787	876	11.2	48.9	3,291	36.7	50.5
Interest expense	36	44	51	52	45	37	(18.6)	(15.5)	182	(0.6)	45.2
Tax expense	61	80	80	115	123	158	28.5	96.7	467	38.7	60.1
Reported net profit	264	482	530	649	628	691	10.0	43.4	2,684	39.5	49.1
Core profit	264	482	530	649	628	691	10.0	43.4	2,684	39.5	49.1
Key Ratios (%)							(ppt)	(ppt)			
Gross margin	24.7	26.8	26.8	25.2	26.8	27.7	0.9	0.9	26.3	0.4	
SG&A / Sales	17.7	15.1	13.9	10.6	11.7	10.8	(0.9)	(4.4)	11.7	(2.4)	
Operating margin	8.5	12.5	13.8	15.4	16.0	17.7	1.7	5.2	15.6	2.8	
Net margin	6.4	10.2	11.3	12.2	12.7	13.9	1.2	3.7	12.7	2.5	
Core margin	6.4	10.2	11.3	12.2	12.7	13.9	1.2	3.7	12.7	2.5	
Operating Statistics (THB m)											
Branded Own sales	2,486	3,017	2,798	2,896	2,838	2,900	2.2	(3.9)	11,976	7.0	47.9
Branded Own - domestic	1,163	1,526	1,651	1,505	1,318	1,445	9.6	(5.3)	6,078	4.0	45.5
Branded Own - overseas	1,324	1,491	1,147	1,391	1,520	1,455	(4.3)	(2.4)	5,898	10.2	50.4
Branded OEM sales	49	64	61	59	72	70	(2.8)	9.4	255	10.0	55.6
3rd party sales	1,464	1,452	1,450	2,088	1,823	1,723	(5.5)	18.7	7,781	20.5	45.6
Other (packaging)	124	174	398	273	202	261	29.2	50.0	1,127	16.5	41.1
GM - Branded Own (%)	33.7	35.2	35.6	37.5	38.9	38.9	0.0	3.7	37.5	1.9	
GM - Branded OEM (%)	12.1	14.1	18.0	18.6	16.7	15.7	(1.0)	1.7	17.0	1.1	
GM - 3rd party (%)	9.6	10.0	10.0	8.2	9.2	9.5	0.3	(0.5)	9.3	(0.0)	
GM - other (%)	26.7	25.3	27.6	25.6	18.8	26.4	7.6	1.1	26.0	(0.5)	
Domestic sales (% of total sales)	67.9	68.0	75.3	73.6	69.2	70.6	1.4	2.6	71.4	7.2	
Overseas sales (% of total sales)	32.1	32.0	24.7	26.4	30.8	29.4	(1.4)	(2.6)	28.6	(7.2)	
Domestic sales (THB m)	2,799	3,202	3,546	3,911	3,414	3,499	2.5	9.3	15,241	13.3	45.4
Overseas sales (THB m)	1,325	1,505	1,161	1,405	1,520	1,455	(4.3)	(3.3)	5,898	9.3	50.4
CLMV	1,194	1,291	953	1,201	1,364	1,333	13.6	14.2	5,103	10.0	52.9
China	9	41	38	0	0	0	<i>nm</i>	<i>nm</i>	92	5.0	0.0
UK	39	56	48	46	53	54	15.2	35.9	198	5.0	53.9
Others	83	117	123	159	104	68	(34.6)	25.3	504	5.0	34.1

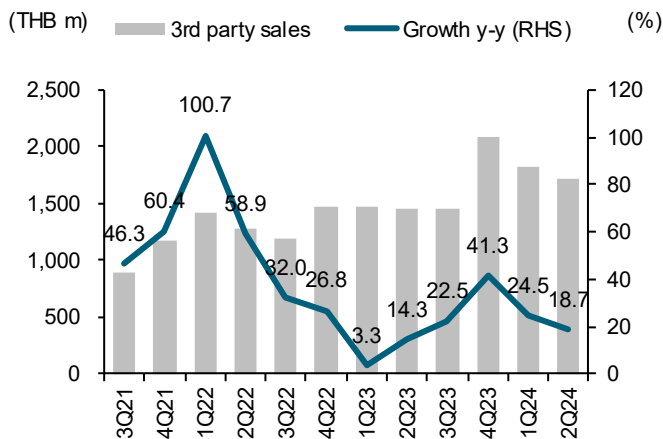
Sources: CBG; FSSIA's compilation

Exhibit 2: Revenue from branded own and growth

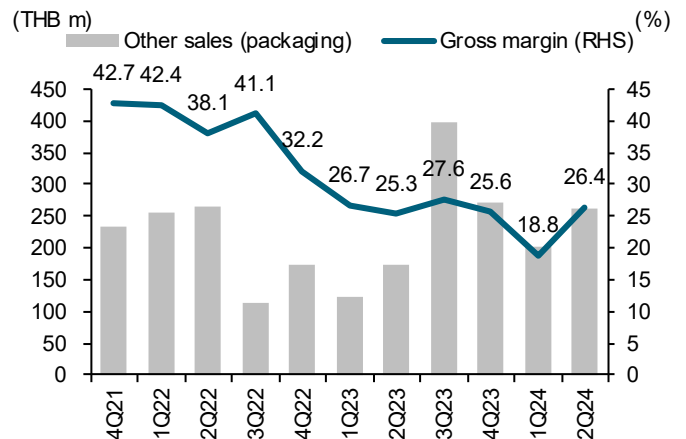
Sources: CBG; FSSIA's compilation

Exhibit 3: Gross margin for branded own segment

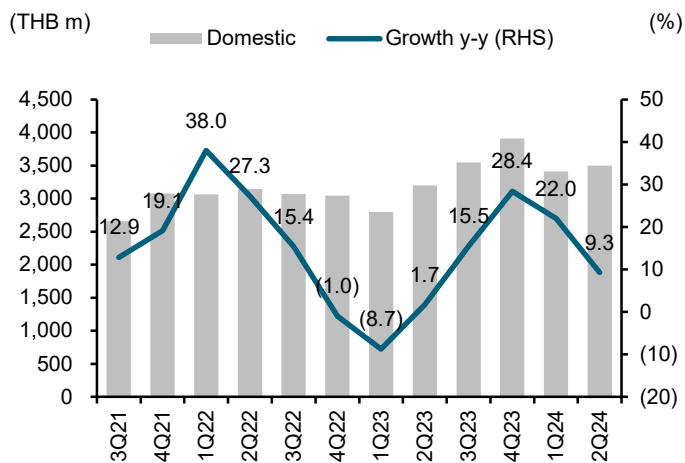
Sources: CBG; FSSIA's compilation

Exhibit 4: Revenue from 3rd party and growth

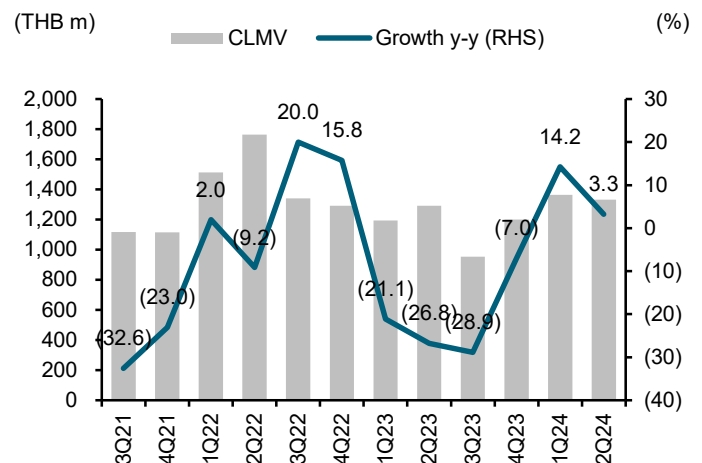
Sources: CBG; FSSIA's compilation

Exhibit 5: Revenue from packaging and gross margin

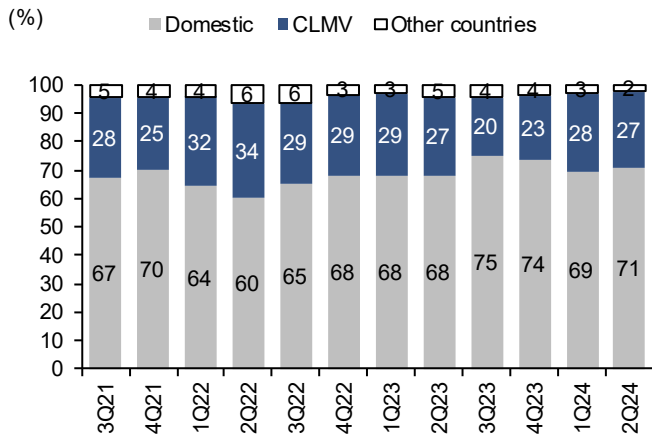
Sources: CBG; FSSIA's compilation

Exhibit 6: Domestic revenue and growth

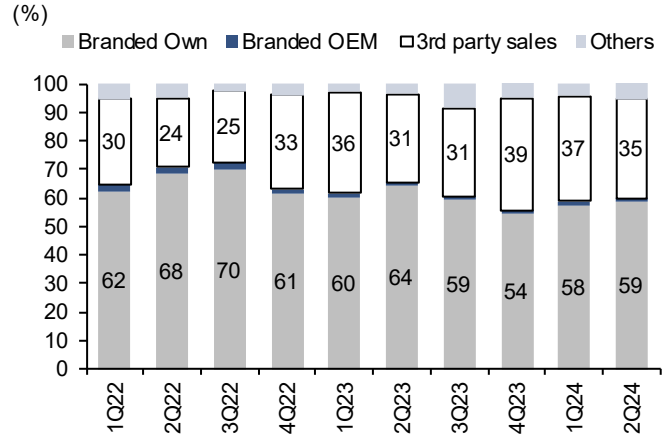
Sources: CBG; FSSIA's compilation

Exhibit 7: CLMV revenue and growth

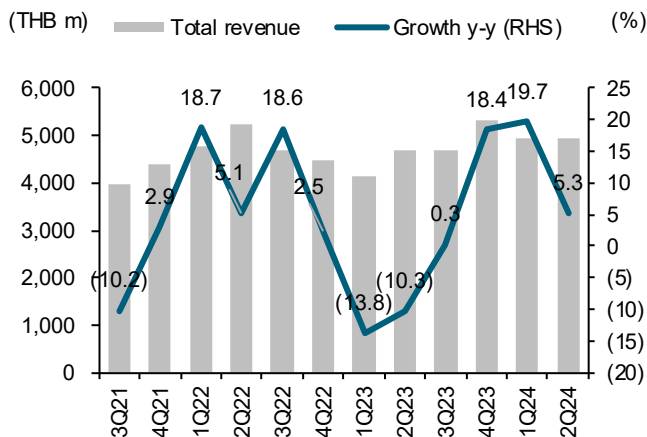
Sources: CBG; FSSIA's compilation

Exhibit 8: Revenue contribution by destination

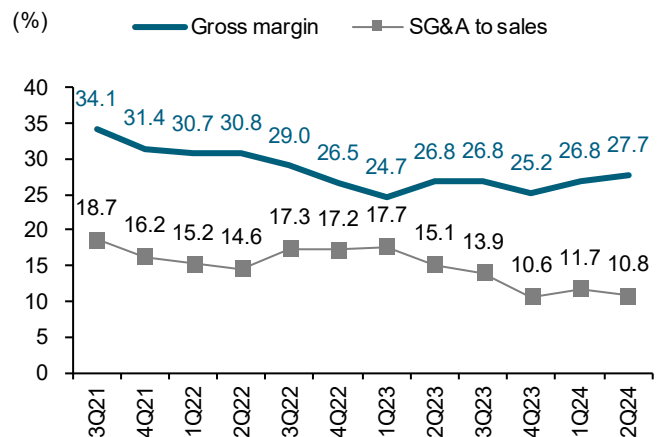
Sources: CBG, FSSIA's compilation

Exhibit 9: Revenue contribution by segment

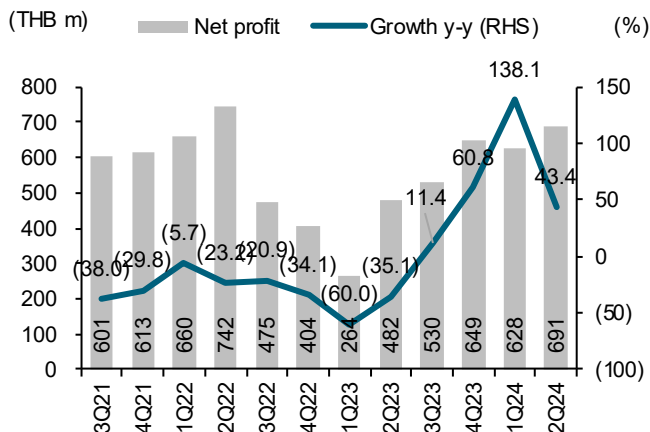
Sources: CBG, FSSIA's compilation

Exhibit 10: Total revenue and growth

Sources: CBG, FSSIA's compilation

Exhibit 11: Gross margin and SG&A to sales

Sources: CBG, FSSIA's compilation

Exhibit 12: Net profit and growth

Sources: CBG, FSSIA's compilation

Exhibit 13: Historical P/E band

Sources: Bloomberg; FSSIA estimates

Financial Statements

Carabao Group

Profit and Loss (THB m) Year Ending Dec	2022	2023	2024E	2025E	2026E
Revenue	19,215	18,853	21,139	22,263	23,344
Cost of goods sold	(13,582)	(13,974)	(15,586)	(16,356)	(17,112)
Gross profit	5,633	4,879	5,553	5,907	6,232
Other operating income	239	188	211	223	233
Operating costs	(3,078)	(2,660)	(2,473)	(2,605)	(2,731)
Operating EBITDA	3,607	3,245	4,144	4,393	4,617
Depreciation	(813)	(838)	(853)	(868)	(883)
Goodwill amortisation	0	0	0	0	0
Operating EBIT	2,794	2,407	3,291	3,525	3,734
Net financing costs	(114)	(178)	(177)	(179)	(181)
Associates	5	8	10	12	14
Recurring non-operating income	5	8	10	12	14
Non-recurring items	0	0	0	0	0
Profit before tax	2,684	2,237	3,124	3,358	3,567
Tax	(433)	(337)	(467)	(502)	(533)
Profit after tax	2,251	1,900	2,657	2,856	3,034
Minority interests	35	24	27	40	30
Preferred dividends	0	0	0	0	0
Other items	-	-	-	-	-
Reported net profit	2,286	1,924	2,684	2,896	3,065
Non-recurring items & goodwill (net)	-	-	-	-	-
Recurring net profit	2,286	1,924	2,684	2,896	3,065
Per share (THB)					
Recurring EPS *	2.29	1.92	2.68	2.90	3.06
Reported EPS	2.29	1.92	2.68	2.90	3.06
DPS	1.50	0.90	1.34	1.45	1.53
Diluted shares (used to calculate per share data)	1,000	1,000	1,000	1,000	1,000
Growth					
Revenue (%)	10.7	(1.9)	12.1	5.3	4.9
Operating EBITDA (%)	(14.1)	(10.0)	27.7	6.0	5.1
Operating EBIT (%)	(18.9)	(13.8)	36.7	7.1	5.9
Recurring EPS (%)	(20.6)	(15.8)	39.5	7.9	5.8
Reported EPS (%)	(20.6)	(15.8)	39.5	7.9	5.8
Operating performance					
Gross margin inc. depreciation (%)	29.3	25.9	26.3	26.5	26.7
Gross margin exc. depreciation (%)	33.5	30.3	30.3	30.4	30.5
Operating EBITDA margin (%)	18.8	17.2	19.6	19.7	19.8
Operating EBIT margin (%)	14.5	12.8	15.6	15.8	16.0
Net margin (%)	11.9	10.2	12.7	13.0	13.1
Effective tax rate (%)	16.1	15.1	15.0	14.9	14.9
Dividend payout on recurring profit (%)	65.6	46.8	50.0	50.0	50.0
Interest cover (X)	24.5	13.5	18.6	19.7	20.8
Inventory days	72.2	69.6	60.2	61.9	61.9
Debtor days	40.7	45.7	38.9	39.0	39.1
Creditor days	51.8	54.2	53.4	54.7	54.6
Operating ROIC (%)	14.2	12.2	15.7	14.9	14.6
ROIC (%)	13.5	11.6	15.0	14.3	14.1
ROE (%)	21.9	17.4	21.8	20.9	20.0
ROA (%)	11.9	10.3	13.4	13.1	12.9
* Pre exceptional, pre-goodwill and fully diluted					
Revenue by Division (THB m)					
Branded own	12,591	11,196	11,976	12,703	13,368
3rd party distribution	5,350	6,458	7,781	8,095	8,425
Branded OEM	467	232	255	281	309
Others (Packaging)	807	967	1,127	1,183	1,243

Sources: Carabao Group; FSSIA estimates

Financial Statements

Carabao Group

Cash Flow (THB m) Year Ending Dec	2022	2023	2024E	2025E	2026E
Recurring net profit	2,286	1,924	2,684	2,896	3,065
Depreciation	813	838	853	868	883
Associates & minorities	-	-	-	-	-
Other non-cash items	(19)	(61)	6	17	(12)
Change in working capital	(1,117)	992	(143)	(136)	(131)
Cash flow from operations	1,963	3,694	3,400	3,645	3,805
Capex - maintenance	(737)	(822)	(3,303)	(2,257)	(2,296)
Capex - new investment	-	-	-	-	-
Net acquisitions & disposals	-	-	-	-	-
Other investments (net)	(16)	(26)	54	(3)	(3)
Cash flow from investing	(753)	(848)	(3,248)	(2,260)	(2,299)
Dividends paid	(1,760)	(1,156)	(1,342)	(1,448)	(1,532)
Equity finance	0	0	0	0	0
Debt finance	326	(1,438)	663	8	43
Other financing cash flows	27	(5)	32	12	12
Cash flow from financing	(1,408)	(2,598)	(647)	(1,428)	(1,478)
Non-recurring cash flows	-	-	-	-	-
Other adjustments	0	0	0	0	0
Net other adjustments	0	0	0	0	0
Movement in cash	(198)	248	(495)	(43)	28
Free cash flow to firm (FCFF)	1,324.54	3,029.30	334.08	1,567.22	1,689.38
Free cash flow to equity (FCFE)	1,562.23	1,403.93	846.86	1,405.22	1,560.71

Per share (THB)

FCFF per share	1.32	3.03	0.33	1.57	1.69
FCFE per share	1.56	1.40	0.85	1.41	1.56
Recurring cash flow per share	3.08	2.70	3.54	3.78	3.94

Balance Sheet (THB m) Year Ending Dec	2022	2023	2024E	2025E	2026E
Tangible fixed assets (gross)	16,143	17,819	19,525	21,262	23,028
Less: Accumulated depreciation	(3,291)	(4,944)	(3,905)	(4,252)	(4,606)
Tangible fixed assets (net)	12,852	12,875	15,620	17,009	18,422
Intangible fixed assets (net)	612	629	597	598	599
Long-term financial assets	-	-	-	-	-
Invest. in associates & subsidiaries	162	173	173	173	173
Cash & equivalents	936	1,184	689	646	674
A/C receivable	2,533	2,192	2,317	2,440	2,558
Inventories	2,718	2,295	2,562	2,689	2,813
Other current assets	160	131	106	111	117
Current assets	6,347	5,802	5,673	5,886	6,162
Other assets	66	65	42	45	47
Total assets	20,039	19,543	22,105	23,710	25,403
Common equity	10,683	11,491	13,129	14,577	16,109
Minorities etc.	(118)	(178)	(172)	(155)	(167)
Total shareholders' equity	10,565	11,312	12,957	14,422	15,942
Long term debt	1,082	3,747	3,655	3,558	3,407
Other long-term liabilities	205	201	233	245	257
Long-term liabilities	1,287	3,948	3,888	3,803	3,664
A/C payable	1,853	2,045	2,263	2,375	2,485
Short term debt	6,198	2,095	2,850	2,955	3,149
Other current liabilities	137	143	148	156	163
Current liabilities	8,187	4,283	5,261	5,486	5,797
Total liabilities and shareholders' equity	20,039	19,543	22,105	23,710	25,403
Net working capital	3,422	2,430	2,573	2,709	2,840
Invested capital	17,114	16,171	19,006	20,533	22,080

* Includes convertibles and preferred stock which is being treated as debt

Per share (THB)

Book value per share	10.68	11.49	13.13	14.58	16.11
Tangible book value per share	10.07	10.86	12.53	13.98	15.51

Financial strength

Net debt/equity (%)	60.0	41.2	44.9	40.7	36.9
Net debt/total assets (%)	31.7	23.8	26.3	24.7	23.2
Current ratio (x)	0.8	1.4	1.1	1.1	1.1
CF interest cover (x)	14.7	8.9	5.8	8.8	9.6

Valuation	2022	2023	2024E	2025E	2026E
Recurring P/E (x) *	28.0	33.3	23.8	22.1	20.9
Recurring P/E @ target price (x) *	35.4	42.1	30.2	28.0	26.4
Reported P/E (x)	28.0	33.3	23.8	22.1	20.9
Dividend yield (%)	2.3	1.4	2.1	2.3	2.4
Price/book (x)	6.0	5.6	4.9	4.4	4.0
Price/tangible book (x)	6.4	5.9	5.1	4.6	4.1
EV/EBITDA (x) **	19.5	21.1	16.8	15.9	15.1
EV/EBITDA @ target price (x) **	24.2	26.3	20.9	19.7	18.8
EV/invested capital (x)	4.1	4.2	3.7	3.4	3.2

* Pre-exceptional, pre-goodwill and fully diluted ** EBITDA includes associate income and recurring non-operating income

Sources: Carabao Group; FSSIA estimates

Carabao Group PCL (CBG TB)

FSSIA ESG rating


51.54 /100

Exhibit 14: FSSIA ESG score implication

Rating	Score	Implication
★★★★★	>79-100	Leading its industry peers in managing the most significant ESG risks which not only better cost efficiency but also lead to higher profitability.
★★★★☆	>59-79	A mixed track record of managing the most significant ESG risks and opportunities relative to industry peers.
★★★☆☆	>39-59	Relevant ESG materiality matrix has been constructively addressed, well-managed and incorporated into day-to-day operations, in which targets and achievements are evaluated annually.
★★☆☆☆	>19-39	Relevant ESG materiality matrix has been identified with key management in charge for progress to be followed up on and to provide intensive disclosure. Most targets are conventional and achievable.
★☆☆☆☆	1-19	The company has adopted the United Nations Sustainable Development Goals (UN SDGs), established sustainability management guidelines and fully complies with regulations or ESG suggested guidance from related organizations such as the SET and SEC.

Sources: FSSIA estimates

Exhibit 15: ESG – peer comparison

	FSSIA ESG score	Domestic ratings						Global ratings						Bloomberg	
		DJSI	SET THSI	THSI	CG score	AGM level	Thai CAC	Morningstar ESG risk	ESG Book	MSCI	Moody's	Refinitiv	S&P Global	ESG score	Disclosure score
SET100	69.20	5.34	4.40	4.40	4.76	4.65	3.84	Medium	51.76	BBB	20.87	58.72	63.91	3.72	28.17
Coverage	67.12	5.11	4.15	4.17	4.83	4.71	3.53	Medium	52.04	BB	16.97	56.85	62.09	3.40	31.94
CBG	51.54	--	Y	Y	4.00	4.00	Declared	High	59.58	B	--	33.28	56.00	2.14	41.92
ICHI	43.67	--	Y	Y	5.00	5.00	Certified	High	61.36	--	--	--	18.00	--	--
OSP	61.48	--	Y	Y	5.00	4.00	Declared	Medium	68.64	BBB	--	63.08	51.00	3.00	63.65
SAPPE	35.25	--	Y	Y	4.00	5.00	Certified	Medium	--	--	--	--	--	--	--
TACC	15.00	--	--	--	5.00	5.00	--	--	--	--	--	--	--	--	--

Sources: [SETTRADE.com](https://www.settrade.com); FSSIA's compilation

Exhibit 16: ESG score by Bloomberg

FY ending Dec 31	FY 2020	FY 2021	FY 2022
ESG financial materiality scores - ESG score	1.42	2.14	—
BESG environmental pillar score	0.67	1.92	—
BESG social pillar score	0.74	0.78	—
BESG governance pillar score	3.60	4.25	—
ESG disclosure score	34.38	41.92	—
Environmental disclosure score	20.27	31.89	—
Social disclosure score	19.20	30.20	—
Governance disclosure score	63.58	63.58	—
Environmental			
Emissions reduction initiatives	Yes	Yes	No
Climate change policy	Yes	Yes	Yes
Climate change opportunities discussed	No	No	No
Risks of climate change discussed	Yes	Yes	Yes
GHG scope 1	—	16	82
GHG scope 2 location-based	—	43	42
GHG Scope 3	—	1	74
Carbon per unit of production	—	—	—
Biodiversity policy	No	No	No
Energy efficiency policy	Yes	Yes	No
Total energy consumption	90	135	—
Renewable energy use	—	6	—
Electricity used	90	88	—
Fuel used - natural gas	—	—	—

Sources: Bloomberg; FSSIA's compilation

Exhibit 17: ESG score by Bloomberg (cont.)

FY ending Dec 31	FY 2020	FY 2021	FY 2022
Fuel used - crude oil/diesel	No	No	No
Waste reduction policy	Yes	Yes	No
Hazardous waste	—	0	—
Total waste	5	7	—
Waste recycled	4	7	—
Waste sent to landfills	—	0	—
Environmental supply chain management	No	No	No
Water policy	Yes	Yes	Yes
Water consumption	3,070,910	1,110,020	—
Social			
Human rights policy	Yes	Yes	Yes
Policy against child labor	No	No	No
Quality assurance and recall policy	Yes	Yes	Yes
Consumer data protection policy	No	No	No
Equal opportunity policy	No	No	No
Gender pay gap breakout	No	No	Yes
Pct women in workforce	33	34	—
Pct disabled in workforce	—	—	—
Business ethics policy	No	Yes	Yes
Anti-bribery ethics policy	No	Yes	Yes
Health and safety policy	Yes	Yes	Yes
Lost time incident rate - employees	0	0	—
Total recordable incident rate - employees	—	—	—
Training policy	Yes	Yes	Yes
Fair remuneration policy	No	No	No
Number of employees – CSR	2,993	3,232	3,325
Employee turnover pct	—	—	—
Total hours spent by firm - employee training	38,150	33,137	—
Social supply chain management	No	No	No
Governance			
Board size	11	13	13
No. of independent directors (ID)	5	6	6
No. of women on board	4	4	4
No. of non-executive directors on board	6	7	8
Company conducts board evaluations	Yes	Yes	Yes
No. of board meetings for the year	7	6	6
Board meeting attendance pct	91	100	95
Board duration (years)	—	—	—
Director share ownership guidelines	No	No	No
Age of the youngest director	—	—	—
Age of the oldest director	—	—	—
No. of executives / company managers	7	7	6
No. of female executives	2	2	1
Executive share ownership guidelines	No	No	No
Size of audit committee	3	3	3
No. of ID on audit committee	3	3	3
Audit committee meetings	5	5	5
Audit meeting attendance %	100	100	100
Size of compensation committee	4	4	4
No. of ID on compensation committee	2	2	2
No. of compensation committee meetings	2	4	2
Compensation meeting attendance %	100	100	100
Size of nomination committee	4	4	4
No. of nomination committee meetings	2	4	2
Nomination meeting attendance %	100	100	100
Sustainability governance			
Verification type	No	No	No

Sources: Bloomberg; FSSIA's compilation

Disclaimer for ESG scoring

ESG score	Methodology	Rating																				
The Dow Jones Sustainability Indices (DJSI) By S&P Global	The DJSI World applies a transparent, rules-based component selection process based on the companies' Total Sustainability Scores resulting from the annual S&P Global Corporate Sustainability Assessment (CSA). Only the top-ranked companies within each industry are selected for inclusion.	Be a member and invited to the annual S&P Global Corporate Sustainability Assessment (CSA) for DJSI. Companies with an S&P Global ESG Score of less than 45% of the S&P Global ESG Score of the highest scoring company are disqualified. The constituents of the DJSI indices are selected from the Eligible Universe.																				
Sustainability Investment List (THSI) by The Stock Exchange of Thailand (SET)	THSI quantifies responsibility in Environmental and Social issues by managing business with transparency in Governance, updated annually. Candidates must pass the preemptive criteria, with two crucial conditions: 1) no irregular trading of the board members and executives; and 2) free float of >150 shareholders, and combined holding must be >15% of paid-up capital. Some key disqualifying criteria include: 1) CG score of below 70%; 2) independent directors and free float violation; 3) executives' wrongdoing related to CG, social & environmental impacts; 4) equity in negative territory; and 5) earnings in red for > 3 years in the last 5 years.	To be eligible for THSI inclusion , verified data must be scored at a minimum of 50% for each indicator, unless the company is a part of DJSI during the assessment year. The scoring will be fairly weighted against the nature of the relevant industry and materiality. SETTHSI Index is extended from the THSI companies whose 1) market capitalization > THB5b (~USD150b); 2) free float >20%; and 3) liquidity >0.5% of paid-up capital for at least 9 out of 12 months. The SETTHSI Index is a market capitalisation-weighted index, cap 5% quarterly weight at maximum, and no cap for number of stocks.																				
CG Score by Thai Institute of Directors Association (Thai IOD)	An indicator of CG strength in sustainable development, measured annually by the Thai IOD, with support from the Stock Exchange of Thailand (SET). The results are from the perspective of a third party, not an evaluation of operations.	Scores are rated in six categories: 5 for Excellent (90-100), 4 for Very Good (80-89), 3 for Good (70-79), 2 for Fair (60-69), 1 for Pass (60-69), and not rated for scores below 50. Weightings include: 1) the rights; 2) and equitable treatment of shareholders (weight 25% combined); 3) the role of stakeholders (25%); 4) disclosure & transparency (15%); and 5) board responsibilities (35%).																				
AGM level By Thai Investors Association (TIA) with support from the SEC	It quantifies the extent to which shareholders' rights and equitable treatment are incorporated into business operations and information is transparent and sufficiently disclosed. All form important elements of two out of five the CG components to be evaluated annually. The assessment criteria cover AGM procedures before the meeting (45%), at the meeting date (45%), and after the meeting (10%). <i>(The first assesses 1) advance circulation of sufficient information for voting; and 2) facilitating how voting rights can be exercised. The second assesses 1) the ease of attending meetings; 2) transparency and verifiability; and 3) openness for Q&A. The third involves the meeting minutes that should contain discussion issues, resolutions and voting results.)</i>	The scores are classified into four categories: 5 for Excellent (100), 4 for Very Good (90-99), 3 for Fair (80-89), and not rated for scores below 79.																				
Thai CAC By Thai Private Sector Collective Action Against Corruption (CAC)	The core elements of the Checklist include corruption risk assessment, establishment of key controls, and the monitoring and developing of policies. The Certification is good for three years. <i>(Companies deciding to become a CAC certified member start by submitting a Declaration of Intent to kick off an 18-month deadline to submit the CAC Checklist for Certification, including risk assessment, in place of policy and control, training of managers and employees, establishment of whistleblowing channels, and communication of policies to all stakeholders.)</i>	The document will be reviewed by a committee of nine professionals. A passed Checklist will move for granting certification by the CAC Council approvals whose members are twelve highly respected individuals in professionalism and ethical achievements.																				
Morningstar Sustainabilitytics	The Sustainabilitytics' ESG risk rating provides an overall company score based on an assessment of how much of a company's exposure to ESG risk is unmanaged. <i>Sources to be reviewed include corporate publications and regulatory filings, news and other media, NGO reports/websites, multi-sector information, company feedback, ESG controversies, issuer feedback on draft ESG reports, and quality & peer reviews.</i>	A company's ESG risk rating score is the sum of unmanaged risk. The more risk is unmanaged, the higher ESG risk is scored. <table><tr><th>NEGL</th><th>Low</th><th>Medium</th><th>High</th><th>Severe</th></tr><tr><td>0-10</td><td>10-20</td><td>20-30</td><td>30-40</td><td>40+</td></tr></table>	NEGL	Low	Medium	High	Severe	0-10	10-20	20-30	30-40	40+										
NEGL	Low	Medium	High	Severe																		
0-10	10-20	20-30	30-40	40+																		
ESG Book	The ESG score identifies sustainable companies that are better positioned to outperform over the long term. The methodology considers the principle of financial materiality including information that significantly helps explain future risk-adjusted performance. Materiality is applied by over-weighting features with higher materiality and rebalancing these weights on a rolling quarterly basis.	The total ESG score is calculated as a weighted sum of the features scores using materiality-based weights. The score is scaled between 0 and 100 with higher scores indicating better performance.																				
MSCI	MSCI ESG ratings aim to measure a company's management of financially relevant ESG risks and opportunities. It uses a rules-based methodology to identify industry leaders and laggards according to their exposure to ESG risks and how well they manage those risks relative to peers. <table><tr><td>AAA</td><td>8.571-10.000</td><td rowspan="3">Leader:</td><td rowspan="3">leading its industry in managing the most significant ESG risks and opportunities</td></tr><tr><td>AA</td><td>7.143-8.570</td></tr><tr><td>A</td><td>5.714-7.142</td></tr><tr><td>BBB</td><td>4.286-5.713</td><td rowspan="3">Average:</td><td rowspan="3">a mixed or unexceptional track record of managing the most significant ESG risks and opportunities relative to industry peers</td></tr><tr><td>BB</td><td>2.857-4.285</td></tr><tr><td>B</td><td>1.429-2.856</td></tr><tr><td>CCC</td><td>0.000-1.428</td><td>Laggard:</td><td>lagging its industry based on its high exposure and failure to manage significant ESG risks</td></tr></table>		AAA	8.571-10.000	Leader:	leading its industry in managing the most significant ESG risks and opportunities	AA	7.143-8.570	A	5.714-7.142	BBB	4.286-5.713	Average:	a mixed or unexceptional track record of managing the most significant ESG risks and opportunities relative to industry peers	BB	2.857-4.285	B	1.429-2.856	CCC	0.000-1.428	Laggard:	lagging its industry based on its high exposure and failure to manage significant ESG risks
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Moody's ESG solutions	Moody's assesses the degree to which companies take into account ESG objectives in the definition and implementation of their strategy policies. It believes that a company integrating ESG factors into its business model and relatively outperforming its peers is better positioned to mitigate risks and create sustainable value for shareholders over the medium to long term.																					
Refinitiv ESG rating	Designed to transparently and objectively measure a company's relative ESG performance, commitment and effectiveness across 10 main themes, based on publicly available and auditable data. The score ranges from 0 to 100 on relative ESG performance and insufficient degree of transparency in reporting material ESG data publicly. <i>(Score ratings are 0 to 25 = poor; >25 to 50 = satisfactory; >50 to 75 = good; and >75 to 100 = excellent.)</i>																					
S&P Global	The S&P Global ESG Score is a relative score measuring a company's performance on and management of ESG risks, opportunities, and impacts compared to its peers within the same industry classification. The score ranges from 0 to 100.																					
Bloomberg	ESG Score	Bloomberg score evaluating the company's aggregated Environmental, Social and Governance (ESG) performance. The score is based on Bloomberg's view of ESG financial materiality. The score is a weighted generalized mean (power mean) of Pillar Scores, where the weights are determined by the pillar priority ranking. Values range from 0 to 10; 10 is the best.																				
Bloomberg	ESG Disclosure Score	Disclosure of a company's ESG used for Bloomberg ESG score. The score ranges from 0 for none to 100 for disclosure of every data point, measuring the amount of ESG data reported publicly, and not the performance on any data point.																				

Rating regarding the sustainable development of Thai listed companies, both on the SET and MAI, are publicly available on the website of the Securities and Exchange Commission of Thailand (SEC). Currently, ratings available are 1) **"CG Score"**; 2) **"AGM Level"**; 3) **"Thai CAC"**; and 4) **THSI**. The ratings are updated on an annual basis. FSSIA does not confirm nor certify the accuracy of such ratings.

Source: FSSIA's compilation

GENERAL DISCLAIMER

ANALYST(S) CERTIFICATION

Sureeporn Teewasuwet FSS International Investment Advisory Securities Co., Ltd

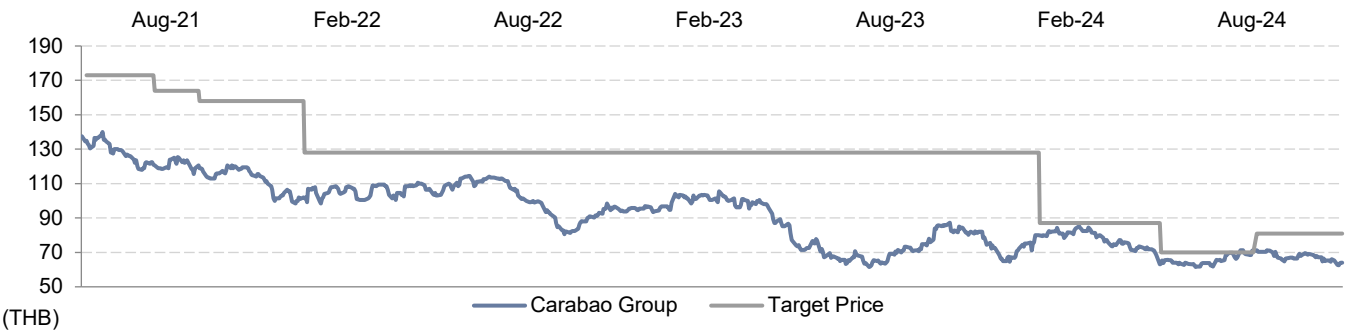
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History of change in investment rating and/or target price

Carabao Group (CBG TB)



Date	Rating	Target price	Date	Rating	Target price	Date	Rating	Target price
16-Aug-2021	BUY	173.00	21-Feb-2022	BUY	128.00	04-Mar-2024	BUY	70.00
14-Oct-2021	BUY	164.00	20-Nov-2023	HOLD	87.00	24-May-2024	BUY	81.00
22-Nov-2021	BUY	158.00	19-Feb-2024	BUY	87.00			

Sureeporn Teewasuwet started covering this stock from 20-Nov-2023

Price and TP are in local currency

Source: FSSIA estimates

Company	Ticker	Price	Rating	Valuation & Risks
Carabao Group	CBG TB	THB 64.00	BUY	Downside risks to our P/E-based TP are 1) a slower-than-expected recovery in consumption; 2) higher competition in the domestic energy drink market; 3) a potential rise in packaging and raw material costs; and 4) regulatory risks from domestic and international markets.

Source: FSSIA estimates

Additional Disclosures

Target price history, stock price charts, valuation and risk details, and equity rating histories applicable to each company rated in this report is available in our most recently published reports. You can contact the analyst named on the front of this note or your representative at Finansia Syrus Securities Public Company Limited.

All share prices are as at market close on 09-Aug-2024 unless otherwise stated.

RECOMMENDATION STRUCTURE

Stock ratings

Stock ratings are based on absolute upside or downside, which we define as $(\text{target price}^* - \text{current price}) / \text{current price}$.

BUY (B). The upside is 10% or more.

HOLD (H). The upside or downside is less than 10%.

REDUCE (R). The downside is 10% or more.

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 market price and the formal recommendation.

* In most cases, the target price will equal the analyst's assessment of the current fair value of the stock. However, if the analyst doesn't think the market will reassess the stock over the specified time horizon due to a lack of events or catalysts, then the target price may differ from fair value. In most cases, therefore, our recommendation is an assessment of the mismatch between current market price and our assessment of current fair value.

Industry Recommendations

Overweight. The analyst expects the fundamental conditions of the sector to be positive over the next 12 months.

Neutral. The analyst expects the fundamental conditions of the sector to be maintained over the next 12 months.

Underweight. The analyst expects the fundamental conditions of the sector to be negative over the next 12 months.

Country (Strategy) Recommendations

Overweight (O). Over the next 12 months, the analyst expects the market to score positively on two or more of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.

Neutral (N). Over the next 12 months, the analyst expects the market to score positively on one of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.

Underweight (U). Over the next 12 months, the analyst does not expect the market to score positively on any of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.