

CARABAO GROUP CBG TB

THAILAND / FOOD & BEVERAGE

BUY

UNCHANGED

4Q24 results at first glance

กำไรสุทธิ 4Q24 ใกล้เคียงกับที่เราคาด

Highlights

- CBG รายงานกำไรสุทธิ 4Q24 อยู่ที่ 783 ลบ. (+5.6% q-q, +21% y-y) ใกล้เคียงกับที่เราคาด ผลประกอบการดังกล่าวแสดงให้เห็นถึงกำไรที่อยู่ในเกณฑ์ดีแม้ว่าต้นทุนบรรจุภัณฑ์จะสูงขึ้นและมีโบนัสพิเศษสำหรับพนักงาน อย่างไรก็ตามรายได้ที่โตดีช่วยชดเชยต้นทุนที่สูงขึ้นได้ทั้งหมดซึ่งทำให้ได้กำไรสุทธิที่สูงที่สุดในรอบ 14 ไตรมาสที่ผ่านมา
- รายได้รวมโต 17% q-q และ 12% y-y ใน 4Q24 ไปทำสถิติสูงสุดใหม่โดยมีปัจจัยผลักดันอยู่ที่: 1) รายได้เครื่องดื่มชูกำลังในประเทศ (+12% q-q, +36% y-y) จากส่วนแบ่งตลาดที่สูงขึ้น; 2) รายได้เครื่องดื่มชูกำลังส่งออก (+16% q-q, ทรงตัว y-y) จากการเติบโตในกลุ่มพุดชาและเมียนมา; และ 3) รายได้จากการจัดจำหน่ายซึ่งทำสถิติสูงสุดใหม่ที่ 2.25 พัน ลบ. (+23% q-q, +8% y-y) โดยมีปัจจัยหนุนจากกลุ่มเครื่องดื่มแอลกอฮอล์ในช่วงฤดูดังกล่าว
- อัตรากำไรขั้นต้นลดลงเหลือ 26.7% จาก 28.1% ใน 3Q24 แต่เพิ่มขึ้นจาก 25.2% ใน 4Q23 ตัวเลขลดลง q-q ในทุกกลุ่มธุรกิจโดยลดลงมากที่สุดที่เครื่องดื่มชูกำลังจากต้นทุนอะลูมิเนียมที่สูงขึ้น
- ค่าใช้จ่ายรวมเพิ่มขึ้น 15% q-q และ 18% y-y จากโบนัสพิเศษสำหรับพนักงานในขณะที่ยอดขาย ค่าคอมมิชชั่นจากการขายได้ดี
- กำไรสุทธิปี 2024 อยู่ที่ 2.84 พัน ลบ. (+48% y-y) พร้อมรายได้รวมโต 11% และ อัตรากำไรขั้นต้นที่ 27.3% เพิ่มขึ้นจาก 25.9% ในปี 2023

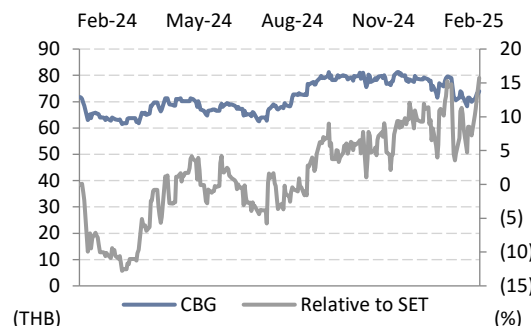
Outlook

- ในระยะสั้น 1Q25 จะเป็นฤดูกาลขายของตลาด CLMV อย่างไรก็ดีเรายังต้องจับตามูลค่าส่วนแบ่งตลาดเครื่องดื่มชูกำลังในประเทศเนื่องจากคู่แข่งเปิดตัวสินค้าใหม่ในราคา 10 บาทเพื่อแย่งส่วนแบ่งตลาด
- ในขณะที่ต้นทุนอะลูมิเนียมจะเพิ่มขึ้นหลังราคาเฉลี่ยในช่วง 1QTD ทรงตัว q-q ที่ USD2,610/ตัน (+16.5% y-y) สอดคล้องกับประมาณการของผู้บริหารที่ได้ออกราคาล่วงหน้าไว้ใกล้เคียงกับระดับใน 4Q24 ล่าสุดราคาอะลูมิเนียมได้ปรับตัวสูงขึ้นเป็น USD2,727/ตันซึ่งทำให้ต้องจับตามูลค่าต่อเนื่อง นอกจากนี้การขึ้นภาษีความหวานครั้งที่ 4 ในเดือน เม.ย. อาจทำให้บริษัท เปิดตัวเครื่องดื่มรสชาติใหม่เพื่อลดผลกระทบจากภาษีดังกล่าว
- ในด้านบวกเราคาดว่าต้นทุนน้ำตาลจะลดลงตั้งแต่ 1Q25 จากราคาน้ำตาลในตลาดโลกที่กำลังลดลงและ CBG ได้ล็อกราคาไว้ล่วงหน้าแล้ว นอกจากนี้บริษัทฯ กำลังปรับปรุงบรรจุภัณฑ์โดยประกอบด้วยกระป๋องที่บางขึ้น (เพื่อลดการใช้อะลูมิเนียม) และขวดแก้วที่บางขึ้น
- คณะกรรมการผู้บริหารได้อนุมัติ: 1) การลงทุนในโรงเผาขวดแก้วแห่งที่ 3 มูลค่า 1.74 พัน ลบ.; 2) การออกหุ้นกู้ไม่เกิน 5 พัน ลบ.; และ 3) การประกาศจ่ายเงินปันผลต่อหุ้น 0.7 บาทสำหรับผลประกอบการในช่วง 2H24 คิดเป็นผลตอบแทน 0.95%

TARGET PRICE	THB88.00
CLOSE	THB74.00
UP/DOWNSIDE	+18.9%
PRIOR TP	THB88.00
CHANGE IN TP	UNCHANGED
TP vs CONSENSUS	+0.4%

KEY STOCK DATA

YE Dec (THB m)	2024	2025E	2026E	2027E
Revenue	20,964	22,526	23,826	24,931
Net profit	2,843	3,199	3,446	3,603
EPS (THB)	2.84	3.20	3.45	3.60
vs Consensus (%)	-	12.6	6.7	1.6
EBITDA	4,425	4,873	5,189	5,394
Recurring net profit	2,843	3,199	3,446	3,603
Core EPS (THB)	2.84	3.20	3.45	3.60
Chg. In EPS est. (%)	nm	0.7	0.7	nm
EPS growth (%)	47.7	12.5	7.7	4.6
Core P/E (x)	26.0	23.1	21.5	20.5
Dividend yield (%)	1.8	1.9	2.1	2.2
EV/EBITDA (x)	17.1	15.8	14.8	14.2
Price/book (x)	5.6	4.8	4.3	3.9
Net debt/Equity (%)	13.0	22.1	17.8	13.8
ROE (%)	23.0	22.5	21.2	19.8



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	(5.1)	(6.0)	3.1
Relative to country (%)	3.0	8.6	15.3
Mkt cap (USD m)	2,201		
3m avg. daily turnover (USD m)	7.4		
Free float (%)	29		
Major shareholder	Sathienthamholding Co Ltd (25%)		
12m high/low (THB)	82.00/61.25		
Issued shares (m)	1,000.00		

Sources: Bloomberg consensus; FSSIA estimates



Sureeporn Teewasuwet

Fundamental Investment Analyst on Securities; License no. 040694
sureeporn.t@fssia.com, +66 2646 9972

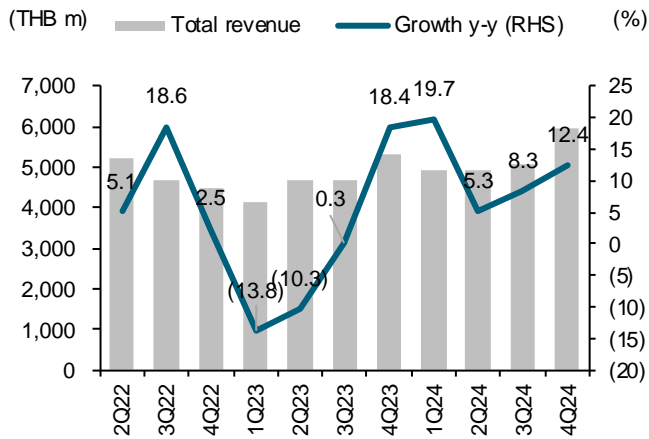
PREPARED BY FSS INTERNATIONAL INVESTMENT ADVISORY SECURITIES CO LTD (FSSIA). ANALYST CERTIFICATION AND IMPORTANT DISCLOSURES CAN BE FOUND AT THE END OF THIS REPORT

บทวิเคราะห์ฉบับนี้แปลมาจากต้นฉบับภาษาอังกฤษ ที่ออกรายงานเมื่อวันที่ 24 กุมภาพันธ์ 2025

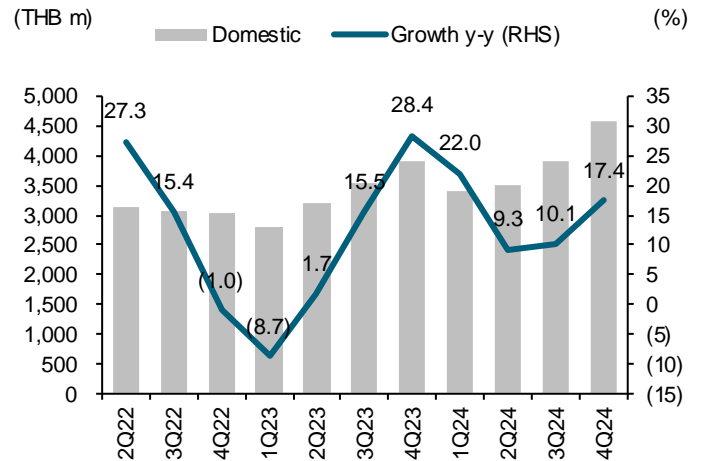
Exhibit 1: CBG – 4Q24 results summary

	4Q23	1Q24	2Q24	3Q24	4Q24	----- Change -----		2023	2024	Change
	(THB m)	(THB m)	(THB m)	(THB m)	(THB m)	(q-q%)	(y-y%)	(THB m)	(THB m)	(y-y%)
Sales	5,316	4,935	4,954	5,098	5,978	17.3	12.4	18,853	20,964	11.2
Cost of sales	3,975	3,613	3,583	3,667	4,381	19.5	10.2	13,974	15,243	9.1
Gross profit	1,341	1,322	1,371	1,431	1,597	11.6	19.1	4,879	5,721	17.2
SG&A	564	576	533	576	663	15.1	17.6	2,660	2,349	(11.7)
Operating profit	819	787	876	932	977	4.8	19.3	2,407	3,572	48.4
Interest expense	52	45	37	33	31	(5.9)	(41.2)	183	146	(20.5)
Tax expense	115	123	158	168	171	1.7	48.1	337	619	83.9
Reported net profit	649	628	691	741	783	5.6	20.5	1,924	2,843	47.7
Core profit	649	628	691	741	783	5.6	20.5	1,924	2,843	47.7
Key Ratios (%)						(ppt)	(ppt)			
Gross margin	25.2	26.8	27.7	28.1	26.7	(1.4)	1.5	25.9	27.3	1.4
SG&A / Sales	10.6	11.7	10.8	11.3	11.1	(0.2)	0.5	14.1	11.2	(2.9)
Operating margin	15.4	16.0	17.7	18.3	16.3	(1.9)	0.9	12.8	17.0	4.3
Net margin	12.2	12.7	13.9	14.5	13.1	(1.4)	0.9	10.2	13.6	3.4
Core margin	12.2	12.7	13.9	14.5	13.1	(1.4)	0.9	10.2	13.6	3.4
Operating Statistics (THB m)										
Branded Own sales	2,896	2,838	2,900	3,020	3,432	13.6	18.5	11,196	12,190	8.9
Branded Own - domestic	1,505	1,318	1,445	1,827	2,045	11.9	35.9	5,844	6,635	13.5
Branded Own - overseas	1,391	1,520	1,455	1,193	1,387	16.3	(0.3)	5,353	5,555	3.8
Branded OEM sales	59	72	70	79	72	(8.9)	22.0	232	293	26.3
3rd party sales	2,088	1,823	1,723	1,824	2,251	23.4	7.8	6,458	7,621	18.0
Other (packaging)	273	202	261	175	222	26.9	(18.7)	967	860	(11.1)
CBG's market share (%)	23.2	23.4	24.1	24.9	25.6	0.7	2.4	22.1	24.0	1.9
Domestic sales (% of total sales)	73.6	69.2	70.6	76.6	76.8	0.2	3.2	64.2	71.4	7.2
Overseas sales (% of total sales)	26.4	30.8	29.4	23.4	23.2	(0.2)	(3.2)	35.8	28.6	(7.2)
Domestic sales (THB m)	3,911	3,414	3,499	3,905	4,590	17.5	17.4	13,457	15,352	14.1
Overseas sales (THB m)	1,405	1,520	1,455	1,193	1,387	16.3	(1.3)	5,396	5,612	4.0
CLMV	1,201	1,364	1,333	1,010	1,293	28.0	7.7	4,639	5,000	7.8
China	0	0	0	0	0	nm	nm	88	0	(100.0)
UK	46	53	54	56	32	(42.9)	(30.4)	189	195	3.2
Others	159	104	68	183	62	(66.1)	(61.0)	480	417	(13.1)
GM - Branded Own (%)	37.5	38.9	38.9	39.8	38.7	(1.1)	1.1	35.6	39.0	3.5
GM - Branded OEM (%)	18.6	16.7	15.7	19.0	18.1	(0.9)	(0.6)	15.9	17.1	1.1
GM - 3rd party (%)	8.2	9.2	9.5	9.4	9.0	(0.4)	0.7	9.3	9.2	(0.1)
GM - other (%)	25.6	18.8	26.4	24.6	24.3	(0.2)	(1.3)	26.5	24.1	(2.4)
Aluminum price (USD per tonne)	2,226	2,241	2,565	2,421	2,604	7.5	17.0	2,288	2,458	7.4
Sugar price (US cent per pound)	25.6	22.6	19.6	19.8	21.5	8.6	(16.0)	20.9	20.7	(0.9)

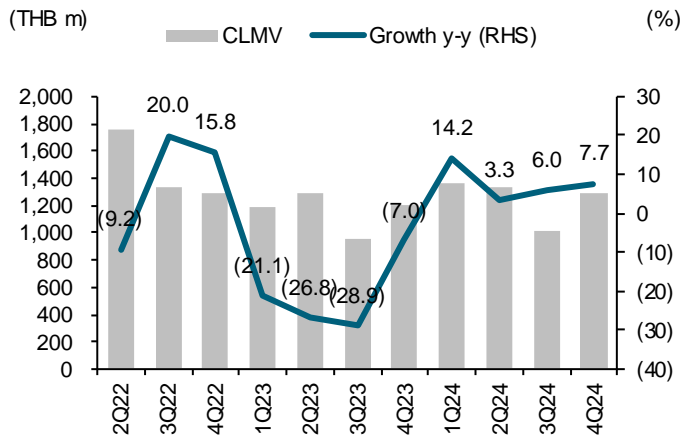
Sources: CBG; FSSIA's compilation

Exhibit 2: Total revenue and growth

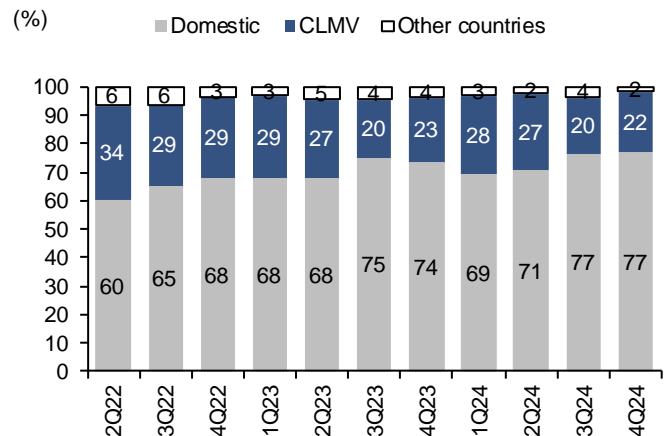
Sources: CBG; FSSIA's compilation

Exhibit 3: Revenue from domestic and growth

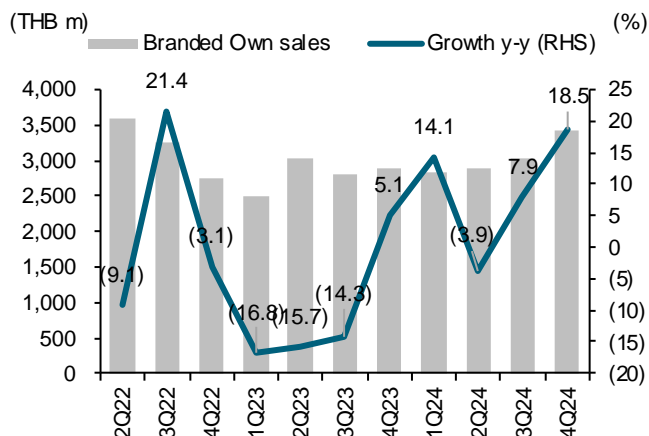
Sources: CBG; FSSIA's compilation

Exhibit 4: Revenue from CLMV and growth

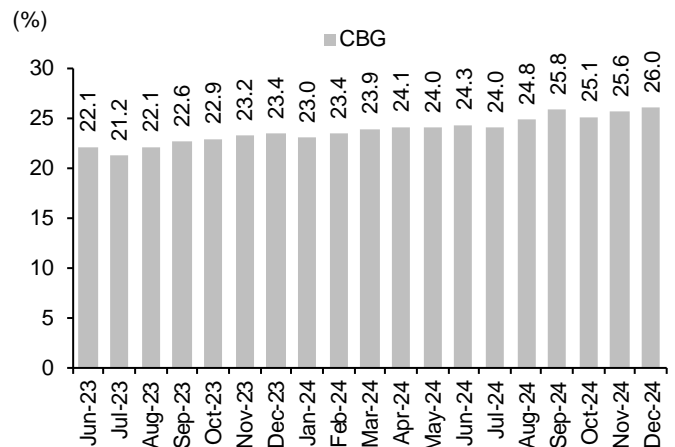
Sources: CBG; FSSIA's compilation

Exhibit 5: Revenue breakdown by destination

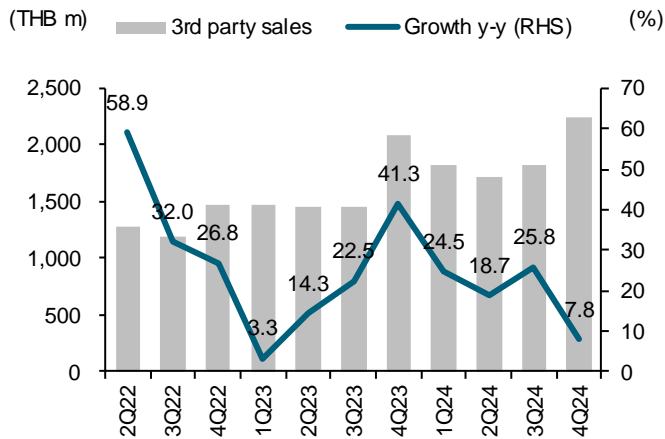
Sources: CBG; FSSIA's compilation

Exhibit 6: Revenue from branded-own products and growth

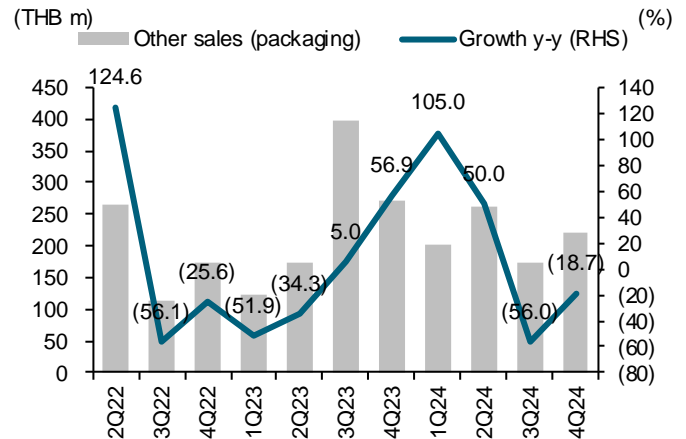
Sources: CBG; FSSIA's compilation

Exhibit 7: CBG's energy drink market share by volume

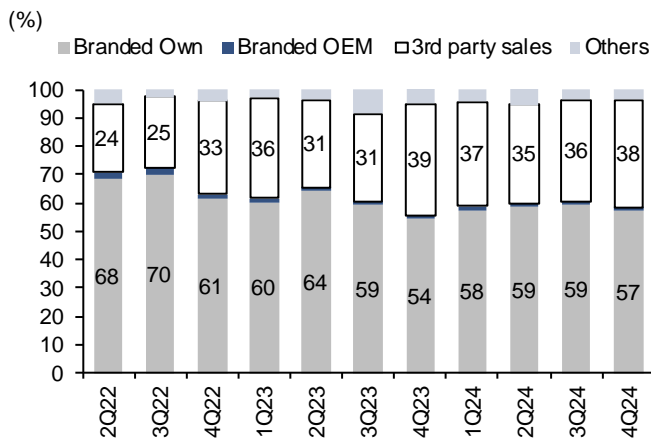
Sources: CBG; FSSIA's compilation

Exhibit 8: Revenue from 3rd party and growth

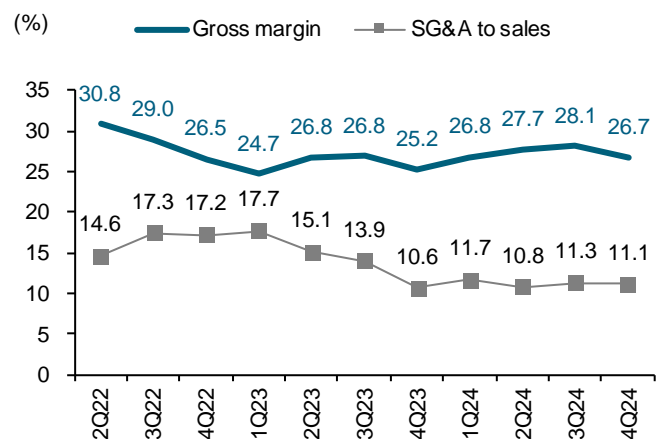
Sources: CBG; FSSIA's compilation

Exhibit 9: Revenue from packaging and growth

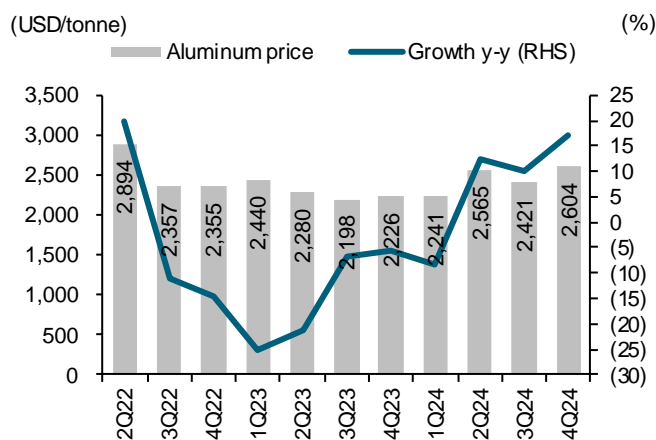
Sources: CBG; FSSIA's compilation

Exhibit 10: Revenue breakdown by product segment

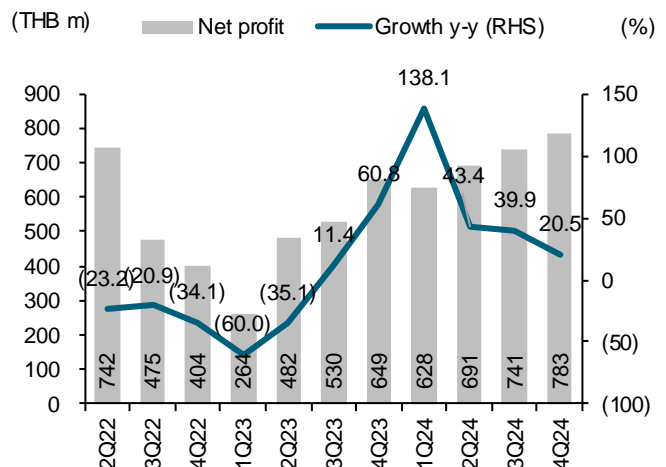
Sources: CBG; FSSIA's compilation

Exhibit 11: Gross margin and SG&A to sales

Sources: CBG; FSSIA's compilation

Exhibit 12: Aluminium price and growth

Sources: CBG; FSSIA's compilation

Exhibit 13: Net profit and growth

Sources: CBG; FSSIA's compilation

Financial Statements

Carabao Group

Profit and Loss (THB m) Year Ending Dec	2023	2024	2025E	2026E	2027E
Revenue	18,853	20,964	22,526	23,826	24,931
Cost of goods sold	(13,974)	(15,243)	(16,269)	(17,162)	(17,967)
Gross profit	4,879	5,721	6,257	6,664	6,964
Other operating income	188	200	225	238	249
Operating costs	(2,660)	(2,349)	(2,478)	(2,597)	(2,717)
Operating EBITDA	3,245	4,425	4,873	5,189	5,394
Depreciation	(838)	(853)	(868)	(883)	(898)
Goodwill amortisation	0	0	0	0	0
Operating EBIT	2,407	3,572	4,005	4,306	4,496
Net financing costs	(178)	(140)	(149)	(150)	(151)
Associates	8	14	17	18	18
Recurring non-operating income	8	14	17	18	18
Non-recurring items	0	0	0	0	0
Profit before tax	2,237	3,447	3,873	4,173	4,363
Tax	(337)	(619)	(694)	(748)	(782)
Profit after tax	1,900	2,827	3,179	3,425	3,581
Minority interests	24	15	21	21	23
Preferred dividends	0	0	0	0	0
Other items	-	-	-	-	-
Reported net profit	1,924	2,843	3,199	3,446	3,603
Non-recurring items & goodwill (net)	-	-	-	-	-
Recurring net profit	1,924	2,843	3,199	3,446	3,603
Per share (THB)					
Recurring EPS *	1.92	2.84	3.20	3.45	3.60
Reported EPS	1.92	2.84	3.20	3.45	3.60
DPS	0.90	1.30	1.44	1.55	1.62
Diluted shares (used to calculate per share data)	1,000	1,000	1,000	1,000	1,000
Growth					
Revenue (%)	(1.9)	11.2	7.5	5.8	4.6
Operating EBITDA (%)	(10.0)	36.4	10.1	6.5	4.0
Operating EBIT (%)	(13.8)	48.4	12.1	7.5	4.4
Recurring EPS (%)	(15.8)	47.7	12.5	7.7	4.6
Reported EPS (%)	(15.8)	47.7	12.5	7.7	4.6
Operating performance					
Gross margin inc. depreciation (%)	25.9	27.3	27.8	28.0	27.9
Gross margin exc. depreciation (%)	30.3	31.4	31.6	31.7	31.5
Operating EBITDA margin (%)	17.2	21.1	21.6	21.8	21.6
Operating EBIT margin (%)	12.8	17.0	17.8	18.1	18.0
Net margin (%)	10.2	13.6	14.2	14.5	14.5
Effective tax rate (%)	15.1	18.0	17.9	17.9	17.9
Dividend payout on recurring profit (%)	46.8	45.7	45.0	45.0	45.0
Interest cover (X)	13.5	25.6	26.9	28.8	29.8
Inventory days	69.6	57.3	58.0	61.6	61.7
Debtor days	45.7	31.6	31.6	38.9	39.1
Creditor days	54.2	45.5	46.2	54.4	54.5
Operating ROIC (%)	12.2	19.4	20.0	18.4	17.8
ROIC (%)	11.6	18.4	19.1	17.7	17.1
ROE (%)	17.4	23.0	22.5	21.2	19.8
ROA (%)	10.3	15.5	15.4	13.9	13.4
* Pre-exceptional, pre-goodwill and fully diluted					
Revenue by Division (THB m)					
Branded own	11,196	12,190	12,980	13,652	14,248
3rd party distribution	6,458	7,621	8,321	8,871	9,298
Branded OEM	232	293	322	355	390
Others (Packaging)	967	860	903	948	996

Sources: Carabao Group; FSSIA estimates

Financial Statements

Carabao Group

Cash Flow (THB m) Year Ending Dec	2023	2024	2025E	2026E	2027E
Recurring net profit	1,924	2,843	3,199	3,446	3,603
Depreciation	838	853	868	883	898
Associates & minorities	-	-	-	-	-
Other non-cash items	(61)	60	(36)	(12)	(12)
Change in working capital	992	617	(923)	(157)	(134)
Cash flow from operations	3,694	4,372	3,108	4,160	4,355
Capex - maintenance	(822)	(372)	(3,334)	(2,296)	(2,335)
Capex - new investment	-	-	-	-	-
Net acquisitions & disposals	-	-	-	-	-
Other investments (net)	(26)	3	31	(4)	(3)
Cash flow from investing	(848)	(369)	(3,303)	(2,300)	(2,338)
Dividends paid	(1,156)	(1,106)	(1,440)	(1,551)	(1,621)
Equity finance	0	0	0	0	0
Debt finance	(1,438)	(2,750)	3,421	43	43
Other financing cash flows	(5)	53	(6)	14	12
Cash flow from financing	(2,598)	(3,803)	1,976	(1,493)	(1,566)
Non-recurring cash flows	-	-	-	-	-
Other adjustments	0	0	0	0	0
Net other adjustments	0	0	0	0	0
Movement in cash	248	200	1,781	367	450
Free cash flow to firm (FCFF)	3,029.30	4,149.33	(38.44)	2,017.55	2,175.03
Free cash flow to equity (FCFE)	1,403.93	1,306.34	3,220.70	1,917.50	2,071.81
Per share (THB)					
FCFF per share	3.03	4.15	(0.04)	2.02	2.18
FCFE per share	1.40	1.31	3.22	1.92	2.07
Recurring cash flow per share	2.70	3.76	4.03	4.32	4.49
Balance Sheet (THB m) Year Ending Dec	2023	2024	2025E	2026E	2027E
Tangible fixed assets (gross)	16,929	17,208	18,945	20,711	22,507
Less: Accumulated depreciation	(4,054)	(4,832)	(3,789)	(4,142)	(4,501)
Tangible fixed assets (net)	12,875	12,376	15,156	16,569	18,006
Intangible fixed assets (net)	629	607	598	599	600
Long-term financial assets	-	-	-	-	-
Invest. in associates & subsidiaries	173	189	189	189	189
Cash & equivalents	1,184	1,384	3,165	3,532	3,983
A/C receivable	2,192	1,434	2,469	2,611	2,732
Inventories	2,295	2,224	2,674	2,821	2,953
Other current assets	131	97	113	119	125
Current assets	5,802	5,139	8,421	9,083	9,793
Other assets	65	67	45	48	50
Total assets	19,543	18,378	24,408	26,488	28,637
Common equity	11,491	13,209	15,283	17,178	19,160
Minorities etc.	(178)	(119)	(155)	(167)	(179)
Total shareholders' equity	11,312	13,091	15,128	17,011	18,981
Long term debt	3,747	849	3,558	3,407	3,256
Other long-term liabilities	201	254	248	262	274
Long-term liabilities	3,948	1,102	3,806	3,669	3,530
A/C payable	2,045	1,540	2,362	2,492	2,609
Short term debt	2,095	2,243	2,955	3,149	3,343
Other current liabilities	143	402	158	167	175
Current liabilities	4,283	4,185	5,475	5,808	6,126
Total liabilities and shareholders' equity	19,543	18,378	24,408	26,488	28,637
Net working capital	2,430	1,813	2,736	2,893	3,027
Invested capital	16,171	15,052	18,723	20,297	21,871
* Includes convertibles and preferred stock which is being treated as debt					
Per share (THB)					
Book value per share	11.49	13.21	15.28	17.18	19.16
Tangible book value per share	10.86	12.60	14.68	16.58	18.56
Financial strength					
Net debt/equity (%)	41.2	13.0	22.1	17.8	13.8
Net debt/total assets (%)	23.8	9.3	13.7	11.4	9.1
Current ratio (x)	1.4	1.2	1.5	1.6	1.6
CF interest cover (x)	8.9	10.3	22.6	13.8	14.7
Valuation	2023	2024	2025E	2026E	2027E
Recurring P/E (x) *	38.5	26.0	23.1	21.5	20.5
Recurring P/E @ target price (x) *	45.7	31.0	27.5	25.5	24.4
Reported P/E (x)	38.5	26.0	23.1	21.5	20.5
Dividend yield (%)	1.2	1.8	1.9	2.1	2.2
Price/book (x)	6.4	5.6	4.8	4.3	3.9
Price/tangible book (x)	6.8	5.9	5.0	4.5	4.0
EV/EBITDA (x) **	24.2	17.1	15.8	14.8	14.2
EV/EBITDA @ target price (x) **	28.5	20.2	18.7	17.5	16.8
EV/invested capital (x)	4.9	5.0	4.1	3.8	3.5
* 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 ESG	SET ESG Rating	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.																				
SET ESG Ratings List (SETESG) by The Stock Exchange of Thailand (SET)	SET ESG 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 SETESG 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. SETESG Index is extended from the SET ESG Ratings 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 Sustainalytics	The Sustainalytics' 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
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																			
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

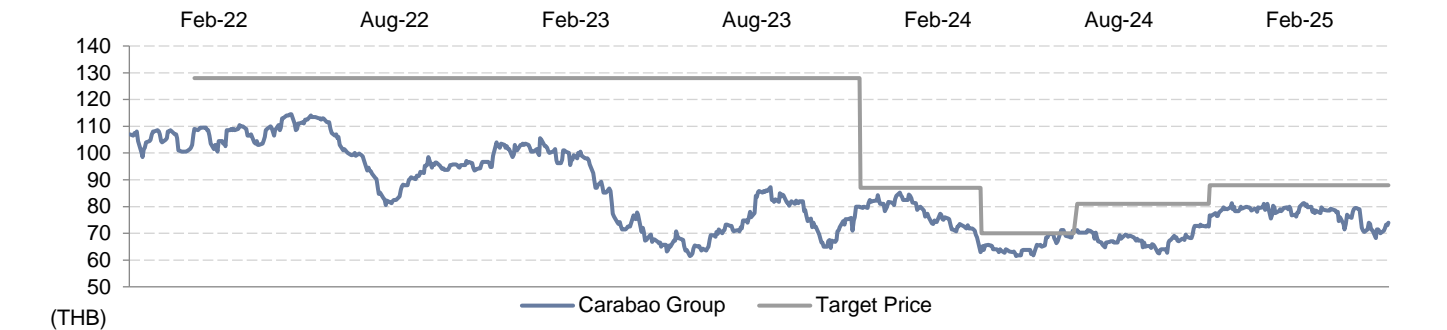
The individual(s) identified above certify(ies) that (i) all views expressed in this report accurately reflect the personal view of the analyst(s) with regard to any and all of the subject securities, companies or issuers mentioned in this report; and (ii) no part of the compensation of the analyst(s) was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed herein.

This report has been prepared by FSS International Investment Advisory Securities Company Limited (FSSIA). The information herein has been obtained from sources believed to be reliable and accurate; however FSSIA makes no representation as to the accuracy and completeness of such information. Information and opinions expressed herein are subject to change without notice. FSSIA has no intention to solicit investors to buy or sell any security in this report. In addition, FSSIA does not guarantee returns nor price of the securities described in the report nor accept any liability for any loss or damage of any kind arising out of the use of such information or opinions in this report. Investors should study this report carefully in making investment decisions. All rights are reserved.

This report may not be reproduced, distributed or published by any person in any manner for any purpose without permission of FSSIA. Investment in securities has risks. Investors are advised to consider carefully before making investment decisions.

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
21-Apr-2022	BUY	128.00	19-Feb-2024	BUY	87.00	24-May-2024	BUY	81.00
20-Nov-2023	HOLD	87.00	04-Mar-2024	BUY	70.00	18-Sep-2024	BUY	88.00

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 74.00	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 21-Feb-2025 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.