

CARABAO GROUP

THAILAND / FOOD & BEVERAGE

CBG TB

BUY
 UNCHANGED

Carabao Dang is still strong

- Market share continues to rise impressively, reaching 24.8% in August, with a target of 26% by the end of the year.
- Domestic energy drinks have offset declines from international markets and stagnant beer sales.
- Revising up net profit with a higher TP to THB88.

The market share of Carabao Dang reached a new high in August

The Thai energy drink market has grown c7-8% y-y in 2024, accelerating from 3-4% growth in 1H24. CBG has performed exceptionally well, achieving a new high market share of 24.8% in August, up from 24% in July, resulting in an average of 24.4% for 3Q24 (vs 24.1% in 2Q24). This has mainly come from the "2 bottles for THB18" promotion at 7-Eleven during August and September. We project 3Q24 domestic energy drink revenue to grow by 24.4% q-q and 8.8% y-y, offsetting the decline in overseas revenue. To elaborate, we expect Myanmar sales to plunge 20-30% q-q, with Cambodia dropping by 5% q-q due to seasonal factors.

Expect 3Q24 net profit to reach a 13-quarter high

We expect 3Q24 revenue from beer to remain stable q-q in terms of distribution and packaging, as Tawandang is still in the process of expanding into the modern trade market. Currently, it is not yet available at 7-Eleven. However, with strong growth in domestic energy drinks, which have a significantly better margin than beer, and overall costs remaining stable, we assume a 3Q24 gross margin of 28.5%, up from 27.7% in 2Q24, marking an eight-quarter high. Therefore, we anticipate a 3Q24 net profit of THB762m (+10% q-q, +44% y-y).

Revising up our 2024-25 net profit

We anticipate that 4Q24 net profit will continue to grow both q-q and y-y, reaching the highest point of the year due to 1) ongoing promotional plans to achieve the market share target of 26% by the end of 2024; and 2) entering the high season for the alcohol business (both spirits and beer). We have increased our profit forecasts for 2024-25 by 7-8.5% to THB2.87b and THB3.14b, reflecting growth of 49% y-y and 9.5% y-y, respectively. This adjustment includes an increase in projections for energy drinks and a downward revision of beer revenue (including distribution and packaging) to THB900m from THB1.5b.

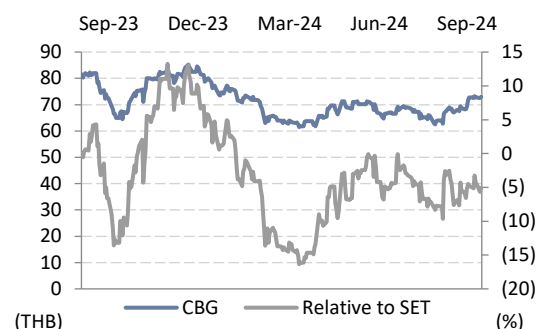
Reiterate BUY call with a higher TP of THB88

We roll forward our TP to 2025 at THB88. We have lowered our target P/E to 28x from 30x, aligning more closely with OSP's target P/E. Our profit estimates do not include potential success in the beer business and the positive impact from the new factory in Cambodia, leaving these as additional upsides. We maintain our BUY call, appreciating the upward momentum in market share and strong profit growth in 3Q-4Q24E.

| | |
|-----------------|----------|
| TARGET PRICE | THB88.00 |
| CLOSE | THB73.00 |
| UP/DOWNSIDE | +20.5% |
| PRIOR TP | THB81.00 |
| CHANGE IN TP | +8.6% |
| TP vs CONSENSUS | +10.6% |

KEY STOCK DATA

| YE Dec (THB m) | 2023 | 2024E | 2025E | 2026E |
|----------------------|--------|--------|--------|--------|
| Revenue | 18,853 | 20,647 | 21,926 | 23,185 |
| Net profit | 1,924 | 2,869 | 3,142 | 3,321 |
| EPS (THB) | 1.92 | 2.87 | 3.14 | 3.32 |
| vs Consensus (%) | - | 4.5 | 2.5 | (1.4) |
| EBITDA | 3,245 | 4,471 | 4,804 | 5,037 |
| Recurring net profit | 1,924 | 2,869 | 3,142 | 3,321 |
| Core EPS (THB) | 1.92 | 2.87 | 3.14 | 3.32 |
| Chg. In EPS est. (%) | - | 6.9 | 8.5 | 8.4 |
| EPS growth (%) | (15.8) | 49.1 | 9.5 | 5.7 |
| Core P/E (x) | 37.9 | 25.4 | 23.2 | 22.0 |
| Dividend yield (%) | 1.2 | 2.0 | 2.2 | 2.3 |
| EV/EBITDA (x) | 23.9 | 17.6 | 16.3 | 15.6 |
| Price/book (x) | 6.4 | 5.5 | 4.9 | 4.4 |
| Net debt/Equity (%) | 41.2 | 43.4 | 38.3 | 33.9 |
| ROE (%) | 17.4 | 23.2 | 22.4 | 21.3 |



| Share price performance | 1 Month | 3 Month | 12 Month |
|--------------------------------|---------------------------------|---------|----------|
| Absolute (%) | 8.1 | 9.8 | (13.4) |
| Relative to country (%) | (1.9) | (0.9) | (7.0) |
| Mkt cap (USD m) | 2,192 | | |
| 3m avg. daily turnover (USD m) | 6.3 | | |
| Free float (%) | 29 | | |
| Major shareholder | Sathienthamholding Co Ltd (25%) | | |
| 12m high/low (THB) | 86.25/61.25 | | |
| Issued shares (m) | 1,000.00 | | |

Sources: Bloomberg consensus; FSSIA estimates



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Investment thesis

We expect the 2024 energy drink market to record moderate growth of 3% y-y, supported by a low base and a slight consumption recovery. We began to see higher profitability from 2H23 due to lower packaging and utility costs. Our positive outlook is based on the stronger earnings momentum for the remainder of this year, with 1Q24 projected to be the lowest point of the year. We anticipate a gradual increase in beer market share to around 2-3%, which will require time to expand, particularly through the traditional trade channel. However, this modest market share target might be sufficient to support strong profit growth this year.

Company profile

Established in 2002, CBG is a joint investment of Mr. Sathien Sathientham, Ms. Nutchamai Thanombooncharoen, and Mr. Yeunyong Opakul (Add Carabao). It is a holding company with investments in subsidiaries that manufacture, market, and distribute energy drinks and other beverages in domestic and overseas markets. Its core product is the Carabao Dang energy drink.

www.carabaogroup.com

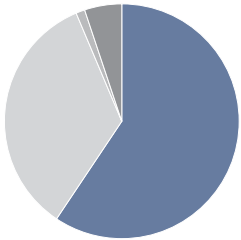
Principal activities (revenue, 2023)

■ Branded own - 59.4 %

■ 3rd party distribution - 34.3 %

■ Branded OEM - 1.2 %

■ Others (Packaging) - 5.1 %



Source: Carabao Group

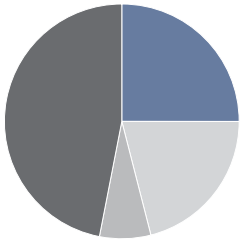
Major shareholders

■ Sathienthamholding Co Ltd - 25.0 %

■ Ms Nutchamai Thanombooncharoen - 21.0 %

■ Mr Yuenyong Opakul - 7.1 %

■ Others - 46.9 %



Source: Carabao Group

Catalysts

Potential catalysts for CBG’s earnings growth in 2024-25 are 1) revenue growth driven by rising market share; 2) declining packaging and raw material costs; 3) successful new product launches; and 4) a successful production line established in Myanmar.

Risks to our call

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.

Event calendar

| Date | Event |
|---------------|---------------------------|
| November 2024 | 3Q24 results announcement |

Key assumptions

| | 2024E | 2025E | 2026E |
|--------------------------|-------|-------|-------|
| Branded Own growth (%) | 5.0 | 6.0 | 5.2 |
| Branded OEM growth (%) | 21.6 | 10.0 | 10.0 |
| 3rd-party growth (%) | 18.2 | 6.5 | 6.6 |
| Other - packaging (%) | 0.6 | 5.0 | 5.0 |
| Total revenue growth (%) | 9.5 | 6.2 | 5.7 |
| Gross margin (%) | 27.6 | 27.9 | 27.8 |

Source: FSSIA estimates

Earnings sensitivity

- For every 1% increase in revenue, we estimate 2024 net profit to rise by 1.3%, and vice versa, all else being equal.
- For every 0.5% increase in GPM, we estimate 2024 net profit to rise by 4.2%, and vice versa, all else being equal.
- For every 0.2% increase in SG&A, we estimate 2024 net profit to fall by 1.7%, and vice versa, all else being equal.

Source: FSSIA estimates

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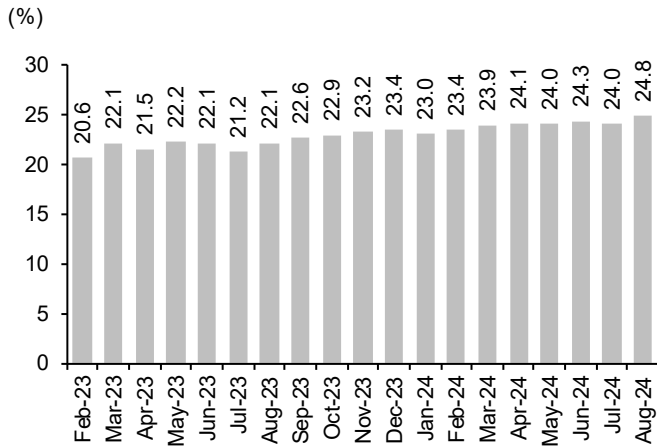
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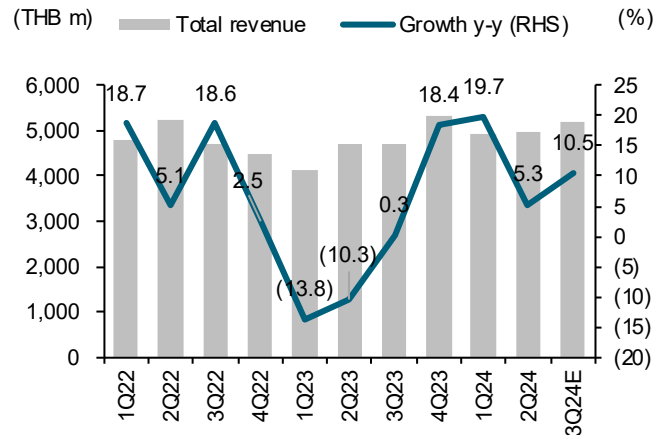
Exhibit 1: CBG – 3Q24 earnings preview

| | 1Q23 | 2Q23 | 3Q23 | 4Q23 | 1Q24 | 2Q24 | 3Q24E | ---- Change ---- | | 2024E | Change | % 9M24E |
|-------------------------------------|---------|---------|---------|---------|---------|---------|---------|------------------|--------------|---------|---------|----------|
| | (THB m) | (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 | 5,202 | 5.0 | 10.5 | 20,647 | 9.5 | 73.1 |
| Cost of sales | 3,107 | 3,447 | 3,445 | 3,975 | 3,613 | 3,583 | 3,719 | 3.8 | 8.0 | 14,939 | 6.9 | 73.1 |
| Gross profit | 1,017 | 1,260 | 1,262 | 1,341 | 1,322 | 1,371 | 1,482 | 8.1 | 17.5 | 5,708 | 17.0 | 73.2 |
| SG&A | 729 | 712 | 655 | 564 | 576 | 533 | 560 | 5.0 | (14.5) | 2,250 | (15.4) | 74.2 |
| Operating profit | 350 | 588 | 650 | 819 | 787 | 876 | 962 | 9.9 | 48.1 | 3,618 | 50.3 | 72.6 |
| Interest expense | 36 | 44 | 51 | 52 | 45 | 37 | 37 | 0.3 | (27.5) | 156 | (14.7) | 76.3 |
| Tax expense | 61 | 80 | 80 | 115 | 123 | 158 | 174 | 10.6 | 117.0 | 635 | 88.6 | 71.6 |
| Reported net profit | 264 | 482 | 530 | 649 | 628 | 691 | 762 | 10.3 | 43.8 | 2,869 | 49.1 | 72.5 |
| Core profit | 264 | 482 | 530 | 649 | 628 | 691 | 762 | 10.3 | 43.8 | 2,869 | 49.1 | 72.5 |
| Key Ratios (%) | | | | | | | | (ppt) | (ppt) | | | |
| Gross margin | 24.7 | 26.8 | 26.8 | 25.2 | 26.8 | 27.7 | 28.5 | 0.8 | 1.7 | 27.6 | 52.7 | |
| SG&A / Sales | 17.7 | 15.1 | 13.9 | 10.6 | 11.7 | 10.8 | 10.8 | (0.0) | (3.2) | 10.9 | (3.2) | |
| Operating margin | 8.5 | 12.5 | 13.8 | 15.4 | 16.0 | 17.7 | 18.5 | 0.8 | 4.7 | 17.5 | 4.8 | |
| Net margin | 6.4 | 10.2 | 11.3 | 12.2 | 12.7 | 13.9 | 14.6 | 0.7 | 3.4 | 13.9 | 3.7 | |
| Core margin | 6.4 | 10.2 | 11.3 | 12.2 | 12.7 | 13.9 | 14.6 | 0.7 | 3.4 | 13.9 | 3.7 | |
| Operating Statistics (THB m) | | | | | | | | | | | | |
| Branded Own sales | 2,486 | 3,017 | 2,798 | 2,896 | 2,838 | 2,900 | 2,990 | 3.1 | 6.9 | 11,758 | 5.0 | 74.2 |
| Branded Own - domestic | 1,163 | 1,526 | 1,651 | 1,505 | 1,318 | 1,445 | 1,797 | 24.4 | 8.8 | 6,410 | 9.7 | 71.1 |
| Branded Own - overseas | 1,324 | 1,491 | 1,147 | 1,391 | 1,520 | 1,455 | 1,193 | (18.0) | 4.0 | 5,348 | (0.1) | 77.9 |
| Branded OEM sales | 49 | 64 | 61 | 59 | 72 | 70 | 70 | 0.0 | 14.8 | 282 | 21.6 | 75.2 |
| 3rd party sales | 1,464 | 1,452 | 1,450 | 2,088 | 1,823 | 1,723 | 1,892 | 9.8 | 30.5 | 7,634 | 18.2 | 71.2 |
| Other (packaging) | 124 | 174 | 398 | 273 | 202 | 261 | 250 | (4.2) | (37.2) | 973 | 0.6 | 73.3 |
| | | | | | | | | | | | | |
| GM - Branded Own (%) | 33.7 | 35.2 | 35.6 | 37.5 | 38.9 | 38.9 | 41.0 | 2.1 | 5.4 | 40.1 | 4.5 | |
| GM - Branded OEM (%) | 12.1 | 14.1 | 18.0 | 18.6 | 16.7 | 15.7 | 15.7 | (0.0) | (2.3) | 16.0 | 0.0 | |
| GM - 3rd party (%) | 9.6 | 10.0 | 10.0 | 8.2 | 9.2 | 9.5 | 9.5 | (0.0) | (0.5) | 9.3 | (0.0) | |
| GM - other (%) | 26.7 | 25.3 | 27.6 | 25.6 | 18.8 | 26.4 | 26.0 | (0.4) | (1.6) | 24.6 | (1.8) | |
| | | | | | | | | | | | | |
| Domestic sales (% of total sales) | 67.9 | 68.0 | 75.3 | 73.6 | 69.2 | 70.6 | 77.1 | 6.4 | 1.7 | 71.4 | 7.2 | |
| Overseas sales (% of total sales) | 32.1 | 32.0 | 24.7 | 26.4 | 30.8 | 29.4 | 22.9 | (6.4) | (1.7) | 28.6 | (7.2) | |
| | | | | | | | | | | | | |
| Domestic sales (THB m) | 2,799 | 3,202 | 3,546 | 3,911 | 3,414 | 3,499 | 4,009 | 14.6 | 13.1 | 15,299 | 13.7 | 71.4 |
| Overseas sales (THB m) | 1,325 | 1,505 | 1,161 | 1,405 | 1,520 | 1,455 | 1,193 | (18.0) | 2.8 | 5,348 | (0.9) | 77.9 |
| CLMV | 1,194 | 1,291 | 953 | 1,201 | 1,364 | 1,333 | 1,060 | (20.5) | 11.2 | 4,772 | 2.9 | 78.7 |
| China | 9 | 41 | 38 | 0 | 0 | 0 | 0 | nm | nm | 0 | (100.0) | nm |
| UK | 39 | 56 | 48 | 46 | 53 | 54 | 48 | (11.1) | 0.0 | 199 | 5.3 | 77.9 |
| Others | 83 | 117 | 123 | 159 | 104 | 68 | 85 | 25.0 | (30.9) | 377 | (21.5) | 68.2 |

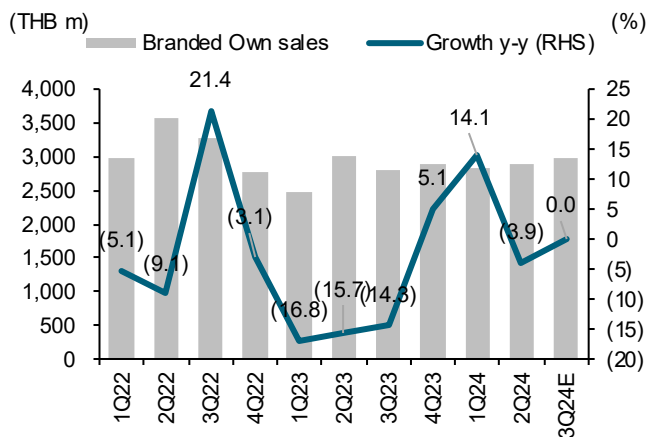
Sources: CBG, FSSIA estimates

Exhibit 2: CBG's energy drink market share by volume

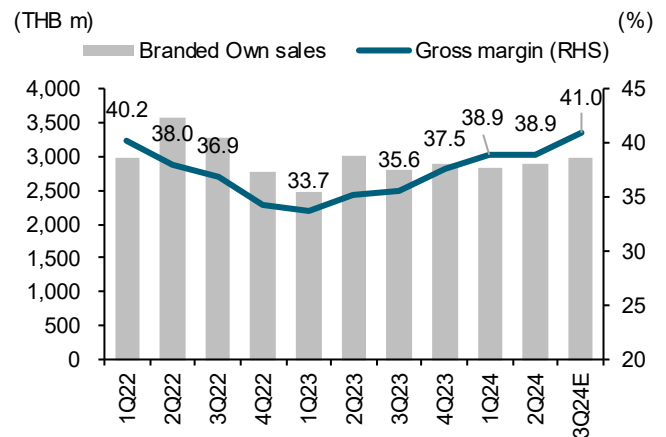
Sources: CBG, FSSIA's compilation

Exhibit 3: Quarterly total revenue and growth

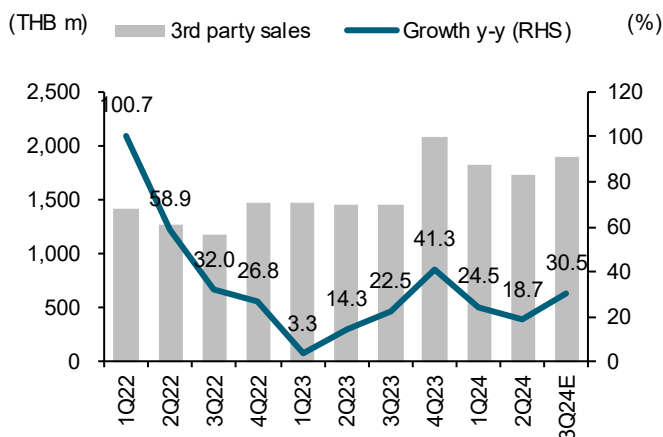
Sources: CBG, FSSIA estimates

Exhibit 4: Quarterly revenue from branded own and growth

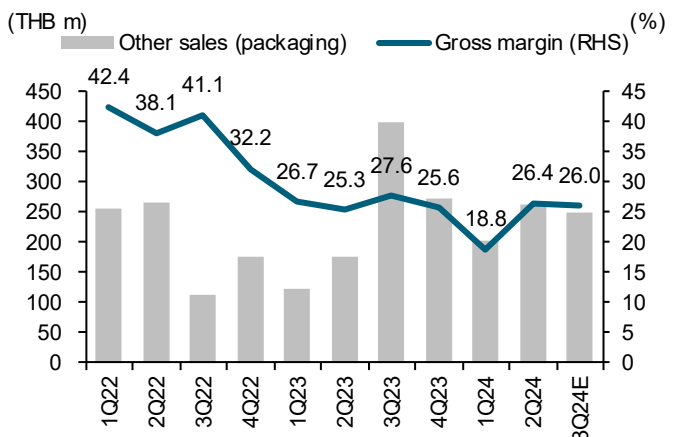
Sources: CBG, FSSIA estimates

Exhibit 5: Gross margin for branded own segment

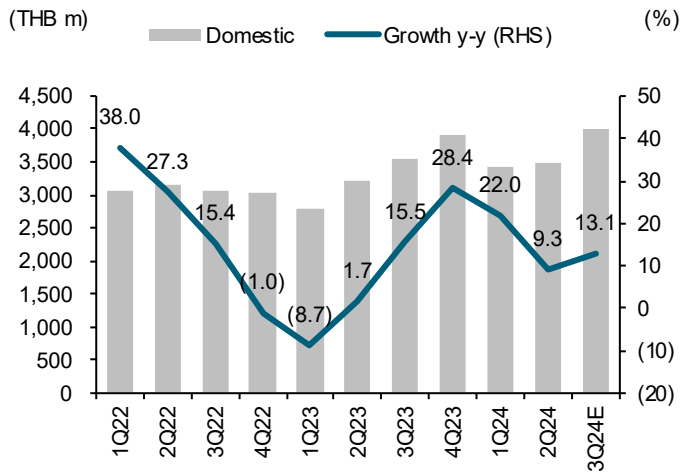
Sources: CBG, FSSIA estimates

Exhibit 6: Quarterly revenue from 3rd party and growth

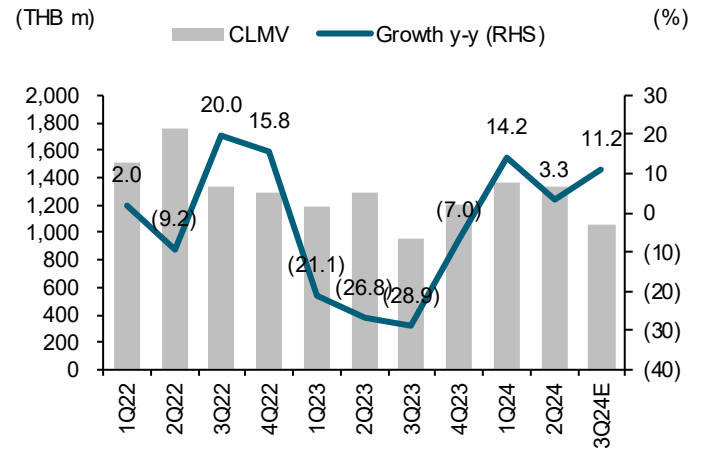
Sources: CBG, FSSIA estimates

Exhibit 7: Quarterly revenue from packaging and gross margin

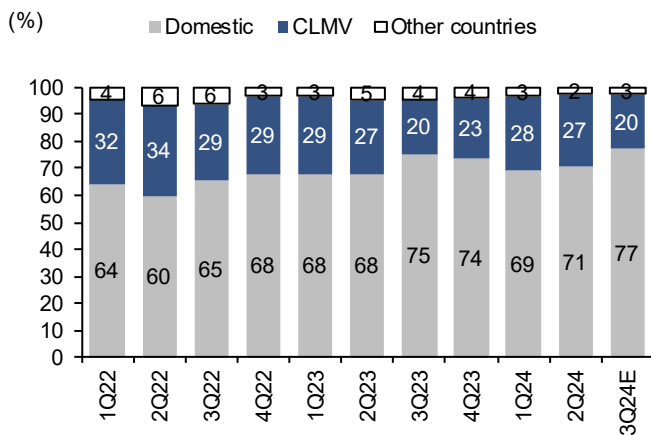
Sources: CBG, FSSIA estimates

Exhibit 8: Domestic revenue and growth

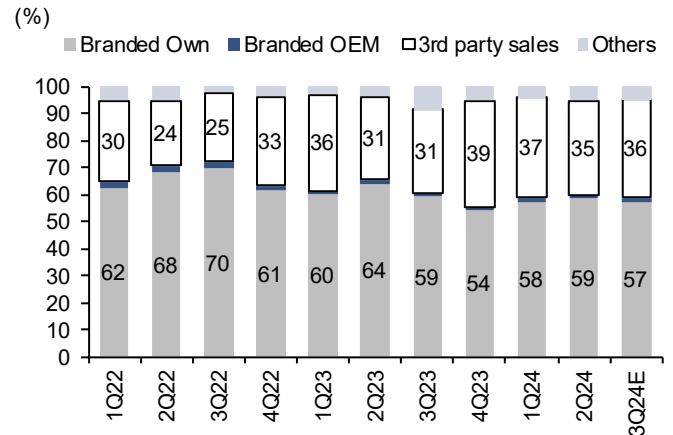
Sources: CBG, FSSIA estimates

Exhibit 9: CLMV revenue and growth

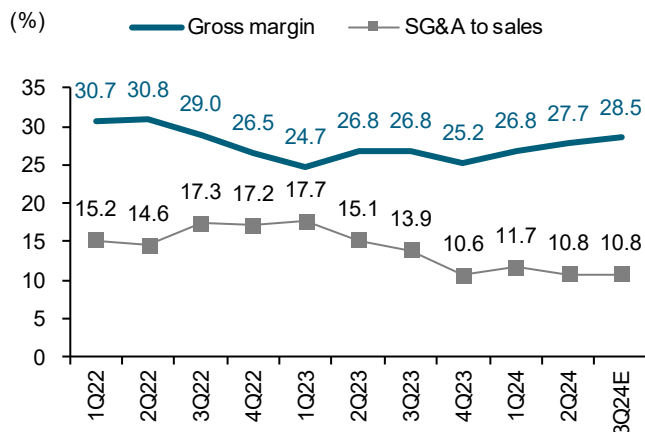
Sources: CBG, FSSIA estimates

Exhibit 10: Quarterly revenue contribution by destination

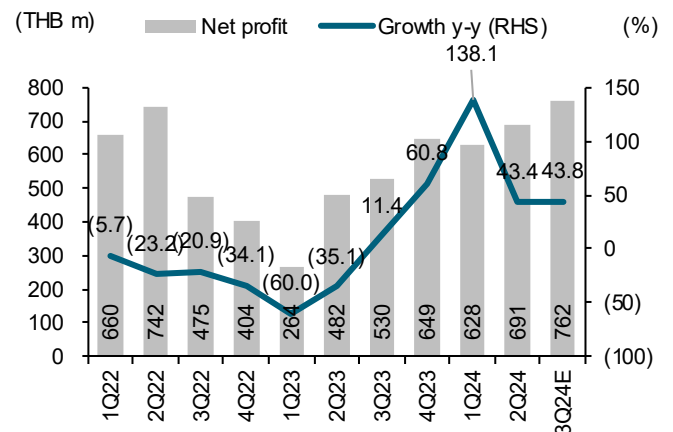
Sources: CBG, FSSIA estimates

Exhibit 11: Revenue contribution by segment

Sources: CBG, FSSIA estimates

Exhibit 12: Quarterly gross margin and SG&A to sales

Sources: CBG, FSSIA estimates

Exhibit 13: Quarterly net profit and growth

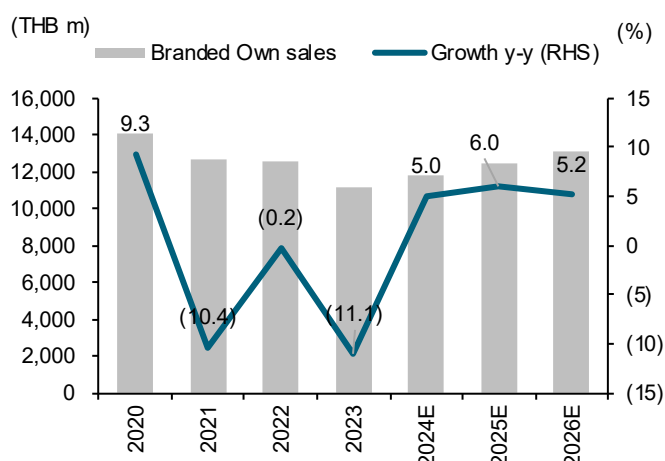
Sources: CBG, FSSIA estimates

Exhibit 14: Changes in key assumptions for CBG

| | Current | | | Previous | | | Change | | |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------|--------------|--------------|
| | 2024E (THB m) | 2025E (THB m) | 2026E (THB m) | 2024E (THB m) | 2025E (THB m) | 2026E (THB m) | 2024E (%) | 2025E (%) | 2026E (%) |
| Total sales value (THB m) | 20,647 | 21,926 | 23,185 | 21,139 | 22,263 | 23,344 | (2.3) | (1.5) | (0.7) |
| Costs | 14,939 | 15,819 | 16,736 | 15,586 | 16,356 | 17,112 | (4.2) | (3.3) | (2.2) |
| Gross profit | 5,708 | 6,106 | 6,449 | 5,553 | 5,907 | 6,232 | 2.8 | 3.4 | 3.5 |
| SG&A expense | 2,250 | 2,390 | 2,527 | 2,473 | 2,605 | 2,731 | (9.0) | (8.2) | (7.5) |
| Interest expense | 156 | 156 | 157 | 182 | 182 | 184 | 0.0 | 0.0 | 0.0 |
| Reported net profit | 2,869 | 3,142 | 3,321 | 2,684 | 2,896 | 3,065 | 6.9 | 8.5 | 8.4 |
| Core profit | 2,869 | 3,142 | 3,321 | 2,684 | 2,896 | 3,065 | 6.9 | 8.5 | 8.4 |
| Key ratios (%) | | | | | | | | | |
| Total revenue growth | 27.6 | 27.9 | 27.8 | 26.3 | 26.5 | 26.7 | 1.4 | 1.3 | 1.1 |
| Net profit growth | 49.1 | 9.5 | 5.7 | 39.5 | 7.9 | 5.8 | 9.6 | 1.6 | (0.1) |
| Core profit growth | 49.1 | 9.5 | 5.7 | 39.5 | 7.9 | 5.8 | 9.6 | 1.6 | (0.1) |
| Gross margin | 27.6 | 27.9 | 27.8 | 26.3 | 26.5 | 26.7 | 1.4 | 1.3 | 1.1 |
| SG&A to sales | 10.9 | 10.9 | 10.9 | 11.7 | 11.7 | 11.7 | (0.8) | (0.8) | (0.8) |
| Net margin | 13.9 | 14.3 | 14.3 | 12.7 | 13.0 | 13.1 | 1.2 | 1.3 | 1.2 |
| Core margin | 13.9 | 14.3 | 14.3 | 12.7 | 13.0 | 13.1 | 1.2 | 1.3 | 1.2 |
| Operating statistics (no.) | | | | | | | | | |
| Domestic revenue | 13,879 | 14,625 | 15,414 | 13,879 | 14,625 | 15,414 | 0.0 | 0.0 | 0.0 |
| Overseas revenue | 5,979 | 6,562 | 7,202 | 5,979 | 6,562 | 7,202 | 0.0 | 0.0 | 0.0 |
| Domestic revenue growth | 3.1 | 5.4 | 5.4 | 3.1 | 5.4 | 5.4 | 0.0 | 0.0 | 0.0 |
| Overseas revenue growth | 10.8 | 9.8 | 9.7 | 10.8 | 9.8 | 9.7 | 0.0 | 0.0 | 0.0 |
| Domestic revenue portion | 69.9 | 69.0 | 68.2 | 69.9 | 69.0 | 68.2 | 0.0 | 0.0 | 0.0 |
| Overseas revenue portion | 30.1 | 31.0 | 31.8 | 30.1 | 31.0 | 31.8 | 0.0 | 0.0 | 0.0 |
| Branded Own sales | 11,758 | 12,460 | 13,104 | 11,976 | 12,703 | 13,368 | (1.8) | (1.9) | (2.0) |
| Branded OEM sales | 282 | 310 | 341 | 255 | 281 | 309 | 10.5 | 10.5 | 10.5 |
| 3rd-party sales | 7,634 | 8,134 | 8,667 | 7,781 | 8,095 | 8,425 | (1.9) | 0.5 | 2.9 |
| Other (packaging) sales | 973 | 1,022 | 1,073 | 1,127 | 1,183 | 1,243 | (13.7) | (13.7) | (13.7) |
| GM - Branded Own (%) | 40.1 | 40.2 | 40.3 | 37.5 | 37.8 | 38.0 | 2.6 | 2.4 | 2.3 |
| GM - Branded OEM (%) | 16.0 | 16.0 | 16.0 | 17.0 | 17.0 | 17.0 | (1.0) | (1.0) | (1.0) |
| GM - 3rd party (%) | 9.3 | 9.6 | 9.6 | 9.3 | 9.3 | 9.2 | (0.0) | 0.4 | 0.4 |
| GM - Beer (%) | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 0.0 | 0.0 | 0.0 |

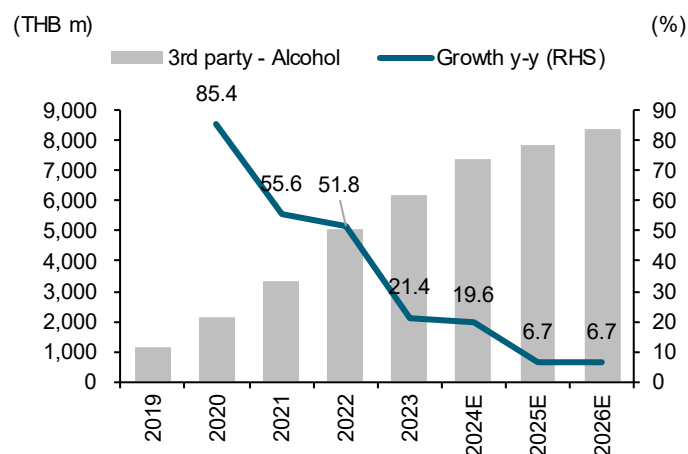
Source: FSSIA estimates

Exhibit 15: Revenue from branded own and growth



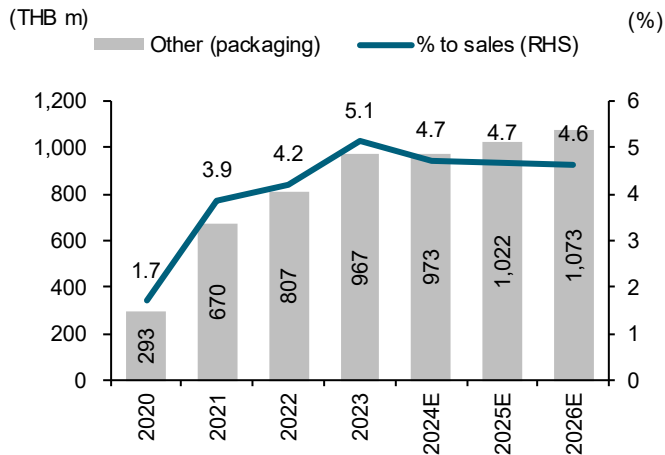
Sources: CBG; FSSIA estimates

Exhibit 16: Revenue from 3rd party and growth



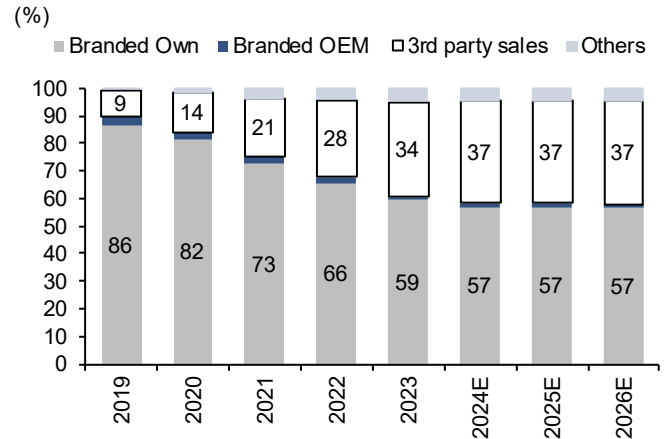
Sources: CBG; FSSIA estimates

Exhibit 17: Revenue from 'other' segment



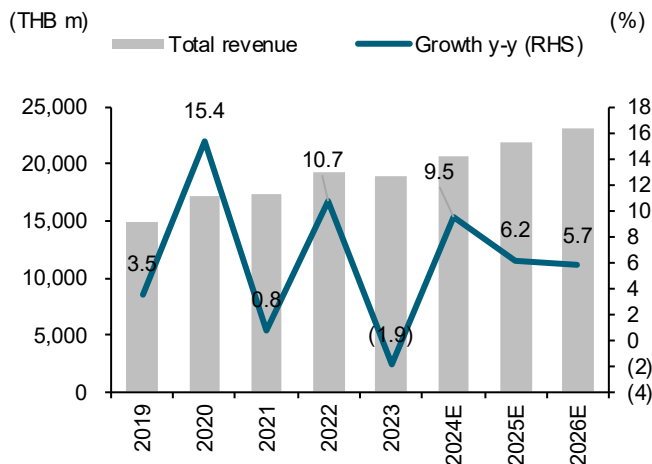
Sources: CBG; FSSIA estimates

Exhibit 18: Revenue contribution by product segment



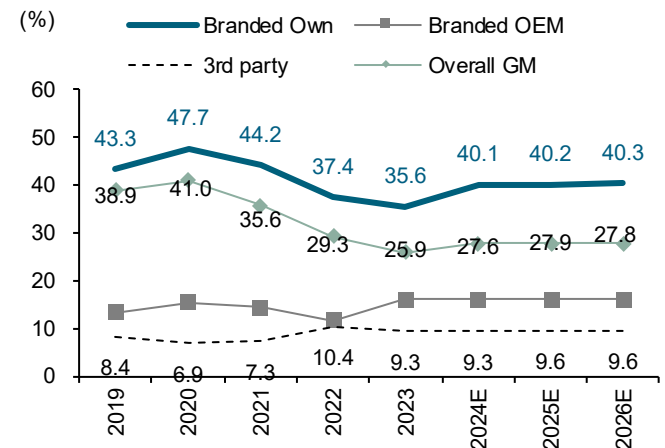
Sources: CBG; FSSIA estimates

Exhibit 19: Total revenue and growth



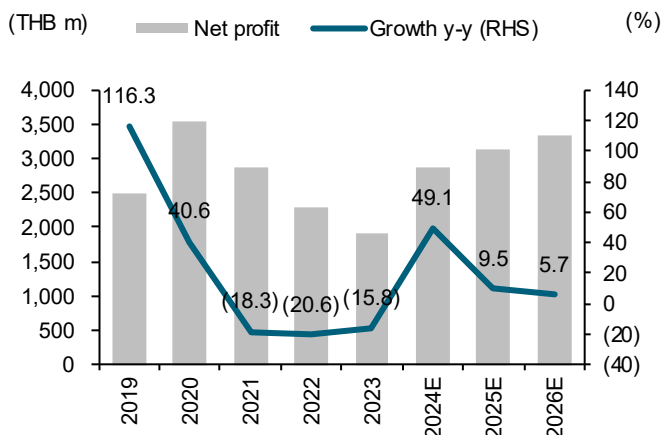
Sources: CBG; FSSIA estimates

Exhibit 20: Gross margin breakdown by segment



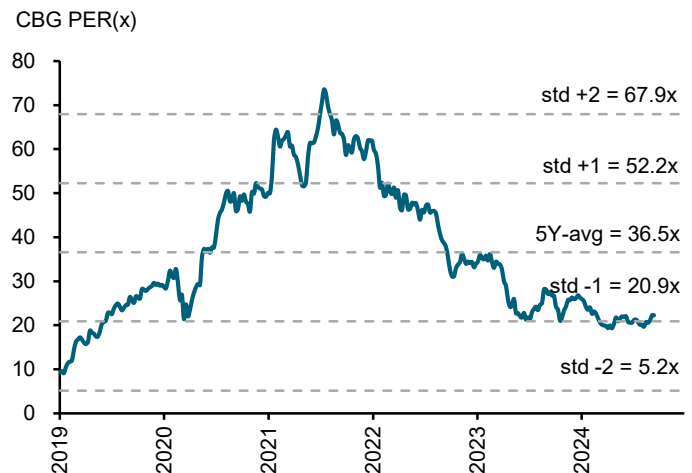
Sources: CBG; FSSIA estimates

Exhibit 21: Net profit and growth



Sources: CBG; FSSIA estimates

Exhibit 22: 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 | 20,647 | 21,926 | 23,185 |
| Cost of goods sold | (13,582) | (13,974) | (14,939) | (15,819) | (16,736) |
| Gross profit | 5,633 | 4,879 | 5,708 | 6,106 | 6,449 |
| Other operating income | 239 | 188 | 159 | 219 | 232 |
| Operating costs | (3,078) | (2,660) | (2,250) | (2,390) | (2,527) |
| Operating EBITDA | 3,607 | 3,245 | 4,471 | 4,804 | 5,037 |
| Depreciation | (813) | (838) | (853) | (868) | (883) |
| Goodwill amortisation | 0 | 0 | 0 | 0 | 0 |
| Operating EBIT | 2,794 | 2,407 | 3,618 | 3,936 | 4,154 |
| Net financing costs | (114) | (178) | (148) | (149) | (150) |
| Associates | 5 | 8 | 16 | 17 | 18 |
| Recurring non-operating income | 5 | 8 | 16 | 17 | 18 |
| Non-recurring items | 0 | 0 | 0 | 0 | 0 |
| Profit before tax | 2,684 | 2,237 | 3,486 | 3,804 | 4,021 |
| Tax | (433) | (337) | (635) | (682) | (721) |
| Profit after tax | 2,251 | 1,900 | 2,850 | 3,122 | 3,300 |
| Minority interests | 35 | 24 | 19 | 21 | 21 |
| Preferred dividends | 0 | 0 | 0 | 0 | 0 |
| Other items | - | - | - | - | - |
| Reported net profit | 2,286 | 1,924 | 2,869 | 3,142 | 3,321 |
| Non-recurring items & goodwill (net) | - | - | - | - | - |
| Recurring net profit | 2,286 | 1,924 | 2,869 | 3,142 | 3,321 |
| Per share (THB) | | | | | |
| Recurring EPS * | 2.29 | 1.92 | 2.87 | 3.14 | 3.32 |
| Reported EPS | 2.29 | 1.92 | 2.87 | 3.14 | 3.32 |
| DPS | 1.50 | 0.90 | 1.43 | 1.57 | 1.66 |
| Diluted shares (used to calculate per share data) | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Growth | | | | | |
| Revenue (%) | 10.7 | (1.9) | 9.5 | 6.2 | 5.7 |
| Operating EBITDA (%) | (14.1) | (10.0) | 37.8 | 7.4 | 4.8 |
| Operating EBIT (%) | (18.9) | (13.8) | 50.3 | 8.8 | 5.5 |
| Recurring EPS (%) | (20.6) | (15.8) | 49.1 | 9.5 | 5.7 |
| Reported EPS (%) | (20.6) | (15.8) | 49.1 | 9.5 | 5.7 |
| Operating performance | | | | | |
| Gross margin inc. depreciation (%) | 29.3 | 25.9 | 27.6 | 27.9 | 27.8 |
| Gross margin exc. depreciation (%) | 33.5 | 30.3 | 31.8 | 31.8 | 31.6 |
| Operating EBITDA margin (%) | 18.8 | 17.2 | 21.7 | 21.9 | 21.7 |
| Operating EBIT margin (%) | 14.5 | 12.8 | 17.5 | 18.0 | 17.9 |
| Net margin (%) | 11.9 | 10.2 | 13.9 | 14.3 | 14.3 |
| Effective tax rate (%) | 16.1 | 15.1 | 18.2 | 17.9 | 17.9 |
| Dividend payout on recurring profit (%) | 65.6 | 46.8 | 50.0 | 50.0 | 50.0 |
| Interest cover (X) | 24.5 | 13.5 | 24.5 | 26.5 | 27.7 |
| Inventory days | 72.2 | 69.6 | 61.6 | 61.7 | 61.6 |
| Debtor days | 40.7 | 45.7 | 39.4 | 38.8 | 38.9 |
| Creditor days | 51.8 | 54.2 | 54.6 | 54.5 | 54.4 |
| Operating ROIC (%) | 14.2 | 12.2 | 17.3 | 16.7 | 16.2 |
| ROIC (%) | 13.5 | 11.6 | 16.6 | 16.0 | 15.7 |
| ROE (%) | 21.9 | 17.4 | 23.2 | 22.4 | 21.3 |
| ROA (%) | 11.9 | 10.3 | 14.3 | 14.1 | 13.8 |
| * Pre-exceptional, pre-goodwill and fully diluted | | | | | |
| Revenue by Division (THB m) | | | | | |
| Branded own | 12,591 | 11,196 | 11,758 | 12,460 | 13,104 |
| 3rd party distribution | 5,350 | 6,458 | 7,634 | 8,134 | 8,667 |
| Branded OEM | 467 | 232 | 282 | 310 | 341 |
| Others (Packaging) | 807 | 967 | 973 | 1,022 | 1,073 |

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 | 2,869 | 3,142 | 3,321 |
| Depreciation | 813 | 838 | 853 | 868 | 883 |
| Associates & minorities | - | - | - | - | - |
| Other non-cash items | (19) | (61) | 6 | 17 | (12) |
| Change in working capital | (1,117) | 992 | (78) | (154) | (153) |
| Cash flow from operations | 1,963 | 3,694 | 3,651 | 3,873 | 4,039 |
| Capex - maintenance | (737) | (822) | (3,303) | (2,257) | (2,296) |
| Capex - new investment | - | - | - | - | - |
| Net acquisitions & disposals | - | - | - | - | - |
| Other investments (net) | (16) | (26) | 55 | (4) | (4) |
| Cash flow from investing | (753) | (848) | (3,247) | (2,261) | (2,300) |
| Dividends paid | (1,760) | (1,156) | (1,435) | (1,571) | (1,661) |
| Equity finance | 0 | 0 | 0 | 0 | 0 |
| Debt finance | 326 | (1,438) | 663 | 8 | 43 |
| Other financing cash flows | 27 | (5) | 27 | 14 | 14 |
| Cash flow from financing | (1,408) | (2,598) | (745) | (1,549) | (1,604) |
| Non-recurring cash flows | - | - | - | - | - |
| Other adjustments | 0 | 0 | 0 | 0 | 0 |
| Net other adjustments | 0 | 0 | 0 | 0 | 0 |
| Movement in cash | (198) | 248 | (342) | 63 | 136 |
| Free cash flow to firm (FCFF) | 1,324.54 | 3,029.30 | 559.60 | 1,768.70 | 1,896.95 |
| Free cash flow to equity (FCFE) | 1,562.23 | 1,403.93 | 1,092.86 | 1,634.45 | 1,796.46 |
| Per share (THB) | | | | | |
| FCFF per share | 1.32 | 3.03 | 0.56 | 1.77 | 1.90 |
| FCFE per share | 1.56 | 1.40 | 1.09 | 1.63 | 1.80 |
| Recurring cash flow per share | 3.08 | 2.70 | 3.73 | 4.03 | 4.19 |
| Balance Sheet (THB m) Year Ending Dec | | | | | |
| 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 | 842 | 905 | 1,041 |
| A/C receivable | 2,533 | 2,192 | 2,263 | 2,403 | 2,541 |
| Inventories | 2,718 | 2,295 | 2,456 | 2,600 | 2,751 |
| Other current assets | 160 | 131 | 103 | 110 | 116 |
| Current assets | 6,347 | 5,802 | 5,664 | 6,018 | 6,449 |
| Other assets | 66 | 65 | 41 | 44 | 46 |
| Total assets | 20,039 | 19,543 | 22,095 | 23,842 | 25,690 |
| Common equity | 10,683 | 11,491 | 13,221 | 14,792 | 16,453 |
| Minorities etc. | (118) | (178) | (172) | (155) | (167) |
| Total shareholders' equity | 10,565 | 11,312 | 13,049 | 14,637 | 16,286 |
| Long term debt | 1,082 | 3,747 | 3,655 | 3,558 | 3,407 |
| Other long-term liabilities | 205 | 201 | 227 | 241 | 255 |
| Long-term liabilities | 1,287 | 3,948 | 3,882 | 3,799 | 3,662 |
| A/C payable | 1,853 | 2,045 | 2,169 | 2,297 | 2,430 |
| Short term debt | 6,198 | 2,095 | 2,850 | 2,955 | 3,149 |
| Other current liabilities | 137 | 143 | 145 | 153 | 162 |
| Current liabilities | 8,187 | 4,283 | 5,164 | 5,406 | 5,741 |
| Total liabilities and shareholders' equity | 20,039 | 19,543 | 22,095 | 23,842 | 25,690 |
| Net working capital | 3,422 | 2,430 | 2,508 | 2,662 | 2,815 |
| Invested capital | 17,114 | 16,171 | 18,939 | 20,486 | 22,056 |
| * Includes convertibles and preferred stock which is being treated as debt | | | | | |
| Per share (THB) | | | | | |
| Book value per share | 10.68 | 11.49 | 13.22 | 14.79 | 16.45 |
| Tangible book value per share | 10.07 | 10.86 | 12.62 | 14.19 | 15.85 |
| Financial strength | | | | | |
| Net debt/equity (%) | 60.0 | 41.2 | 43.4 | 38.3 | 33.9 |
| Net debt/total assets (%) | 31.7 | 23.8 | 25.6 | 23.5 | 21.5 |
| Current ratio (x) | 0.8 | 1.4 | 1.1 | 1.1 | 1.1 |
| CF interest cover (x) | 14.7 | 8.9 | 8.4 | 11.9 | 12.9 |
| Valuation | | | | | |
| Recurring P/E (x) * | 31.9 | 37.9 | 25.4 | 23.2 | 22.0 |
| Recurring P/E @ target price (x) * | 38.5 | 45.7 | 30.7 | 28.0 | 26.5 |
| Reported P/E (x) | 31.9 | 37.9 | 25.4 | 23.2 | 22.0 |
| Dividend yield (%) | 2.1 | 1.2 | 2.0 | 2.2 | 2.3 |
| Price/book (x) | 6.8 | 6.4 | 5.5 | 4.9 | 4.4 |
| Price/tangible book (x) | 7.2 | 6.7 | 5.8 | 5.1 | 4.6 |
| EV/EBITDA (x) ** | 22.0 | 23.9 | 17.6 | 16.3 | 15.6 |
| EV/EBITDA @ target price (x) ** | 26.1 | 28.5 | 20.9 | 19.5 | 18.5 |
| EV/invested capital (x) | 4.6 | 4.8 | 4.1 | 3.8 | 3.6 |
| * 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

★ ★ ★

Exhibit 23: FSSIA ESG score implication

51.54 /100

| 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 24: ESG – peer comparison

| | FSSIA | Domestic ratings | | | | | | Global ratings | | | | | | Bloomberg | |
|----------|-----------|------------------|----------|------|----------|-----------|-----------|----------------------|----------|------|---------|-----------|------------|-----------|------------------|
| | ESG score | 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; FSSIA's compilation

Exhibit 25: 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 26: 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 |
| 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

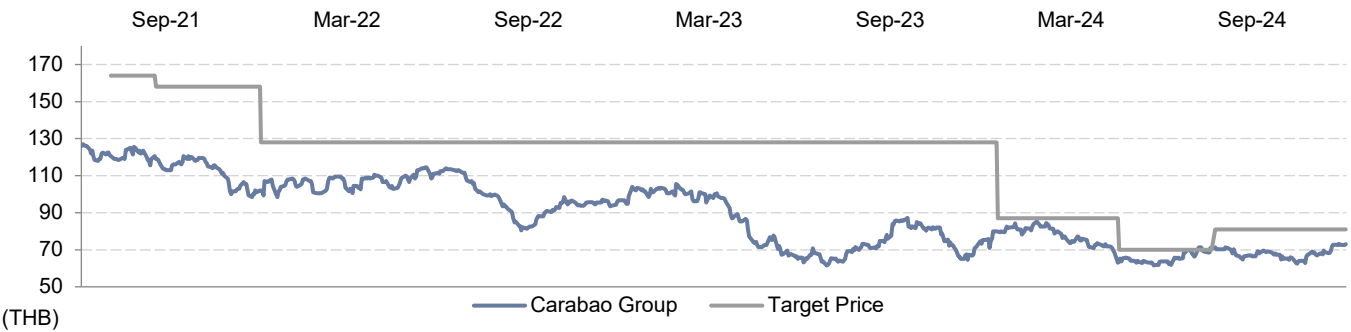
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History of change in investment rating and/or target price

Carabao Group (CBG TB)



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 73.00 | 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 17-Sep-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.