#### Carabao Group: Undervalued Thai Energy Drink Champion Poised for Recovery

Carabao Group (CBG.TB) represents a compelling value opportunity, trading at 13.1x P/E—a 36% discount to regional beverage peers—despite commanding Thailand's #2 energy drink position with 25-26% market share Minichart +4 and demonstrating robust recovery momentum. The company delivered 48% net profit growth in 2024 to THB 2.84 billion on revenues of THB 20.96 billion, Carabaogroup +5 driven by market share gains, operational leverage, and dramatic deleveraging that reduced net debt by 63%. Simply Wall St Bangkok Post With ROE of 23.4%, strong free cash flow generation of THB 4.0 billion annually, and a conservative balance sheet (0.17x debt/equity), Minichart stockanalysis Carabao offers an attractive entry point for investors seeking exposure to Asia's growing energy drink market. Simply Wall St Stock Analysis The primary investment thesis centers on the company's ability to capture the #1 position in Thailand's THB 32-35 billion energy drink market Wikipedia while expanding its international footprint across 40+ countries, particularly in high-growth CLMV markets and the UK where the Carabao Cup sponsorship provides exceptional brand visibility. Key risks include raw material cost volatility, intensifying sugar taxation across markets, and execution challenges in international expansion, but management's proven track record and the stock's significant valuation discount provide a favorable risk-reward profile.

# Vertically integrated challenger capturing market share in the world's highest per-capita energy drink market

Carabao Group operates a fully integrated energy drink manufacturing and distribution business centered on its flagship Carabao Dang brand, Yahoo Finance +2 which has disrupted Thailand's energy drink market since its 2002 launch. Bangkok Post Founded by billionaire entrepreneur Sathien Setthasit alongside iconic Thai rock musician Yuenyong Opakul (Aed Carabao), Wikipedia +4 the company leveraged cultural authenticity and aggressive distribution to rapidly capture share from entrenched competitors. Wikipedia +3 The business model spans the entire value chain from upstream packaging production through downstream retail distribution.

The company's **200-rai integrated industrial complex in Chachoengsao Province** houses four key manufacturing operations providing significant cost advantages. Asia Pacific Glass (APG) produces **1.3 billion amber bottles annually** from 640 tons of molten glass daily, with a 5-megawatt solar installation reducing energy costs. Asia Can Manufacturing (ACM), acquired to 100% ownership in March 2021, delivers **1 billion aluminum cans per year**. About Us Asia Packaging Manufacturing (APM) supplies **72 million carton boxes and 30.9 million square meters of OPP labels annually**, utilizing recycled materials. The core Carabao Tawandang (CBD) beverage facility operates with **2,430 million bottle and 2,190 million can capacity**, featuring eight Krones production lines including a latest-generation 74,000 cans/hour line. Carabaogroup +3 This vertical integration generates **5-7% cost savings on packaging** while providing production flexibility and quality control throughout the supply chain.

Revenue generation follows a diversified model with branded own-manufactured products representing **58% of 2024 sales** (THB 12.2 billion), third-party distribution business contributing **36%** (THB 7.6 billion), and packaging sales to external customers adding **4%**. Finsyrus +2 The flagship Carabao Dang energy drink anchors the portfolio in both 150ml non-carbonated glass bottles (dominant domestically) and 250-330ml carbonated cans (international focus). Carabaogroup +5 Product innovation has expanded the portfolio beyond traditional energy drinks: Carabao Green Apple won the 2018 Superior Taste Award and offers carbonated variants with fruit flavors; Woody C+ Lock vitamin C drinks (launched 2020 via joint venture) achieved #2 position in Thailand's vitamin C segment with 8.7% share through proprietary "C+ Lock" technology using green glass bottles, nitrogen filling, and special caps to preserve vitamin C content; Khaosod English Carabao Sport isotonic drinks target athletes with zinc formulation and Informed Sport certification. Vietnam Wholesale +2 The third-party distribution business, which grew from THB 1.4 billion (2019) to THB 7.6 billion (2024), includes alcohol beverages and general consumer products, leveraging Carabao's extensive distribution network. Nation Thailand Istedcompany

Geographic revenue splits 73% domestic Thailand and 27% international as of 2024, though management targets increasing international to 50%+ of total sales. PitchBook Domestically, the Tawandang DCM distribution subsidiary operates 31 distribution centers, 326 cash van fleet, and reaches approximately 180,000 retail outlets representing 91% geographic coverage. Nation Thailand Carabaogroup The "Carabao Girls" field marketing team of 350+ personnel in 56 teams provides grassroots activation, relationship building with shop owners, and point-of-sale

merchandising. Carabao Iistedcompany Distribution channels split 78% traditional trade (multi-tiered agent system plus direct cash vans) and 22% modern trade (convenience stores, supermarkets, hypermarkets). Internationally, Carabao serves 40+ countries across Asia, Europe, Middle East, Africa, and Americas through a mix of direct exports and local distributors. PitchBook The CLMV markets (Cambodia, Laos, Myanmar, Vietnam) represent core export markets with established presence, Bloomberg while the UK market receives strategic focus through high-profile sponsorships. Apacoutlookmag PitchBook A new Myanmar production facility launched in Q2 2025 to support regional growth and reduce logistics costs. fnsyrus The InterCarabao Limited (ICUK) subsidiary, 84.31% owned, manages UK and European distribution through major retail chains including Sainsbury's, Morrisons, and others, with contract manufacturing in the Netherlands for European supply. Carabaogroup

# Premium pricing discipline and sports marketing drive competitive differentiation against market leader M-150

Carabao's competitive position reflects a strategic challenger capturing share through disciplined execution in Thailand while establishing international beachheads. The company holds **Thailand's #2 energy drink position with 25-26%** market share as of 2024, Wikipedia KAOHOON INTERNATIONAL having grown from 21% at IPO in 2014 and actively targeting 27-28% to challenge for market leadership. finsyrus This positioning comes against **M-150** (Osotspa), the market leader with approximately 45-47% share but declining from 65% a decade ago, and **Red Bull/Krating Daeng** in third position with roughly 17% share. Wikipedia Statista The top three brands control over 90% of off-trade sales in Thailand's intensely competitive THB 32-35 billion energy drink market. Bangkok Post +2 The statistical properties as a strategic challenger capturing share through disciplined execution in Thailand while excluding share through drink position with 25-26% market share as of 2024, Wikipedia This position with 25-26% market share as of 2024, Wikipedia This position with 25-26% market share as of 2024, Wikipedia This position with 25-26% market share as of 2024, Wikipedia This position with 25-26% market share as of 2024, Wikipedia This position with 25-26% market share as of 2024, Wikipedia This position with 25-26% market share as of 2024, Wikipedia This position with 25-26% market share as of 2024, Wikipedia This position with 25-26% market share as of 2024, Wikipedia This position with 25-26% market share as of 2024, Wikipedia This position with 25-26% market share as of 2024, Wikipedia This position with 25-26% market share as of 2024, Wikipedia This position with 25-26% market share as of 2024, Wikipedia This position with 25-26% market share as of 2024, Wikipedia This position with 25-26% market share as of 2024, Wikipedia This position with 25-26% market share as of 2024, Wikipedia This position with 25-26% market share as of 2024, Wikipedia This position with 25-26% market share as of 2024, Wikipedia This position with 25-26%

Carabao's core competitive advantage centers on its **THB 10 price point** (approximately \$0.28-0.34 USD per 150ml bottle), maintained consistently despite commodity inflation and explicitly credited by management as the primary driver of 2024-2025 market share gains. <a href="Bangkok Post">Bangkok Post</a> This pricing resonates powerfully with the target demographic of blue-collar workers, construction laborers, taxi drivers, and truckers in an economic environment where household debt exceeds 90% of GDP. <a href="The World from PRX">The World from PRX</a> <a href="Bangkok Post">Bangkok Post</a> <a href="The The Successful">The Successful</a> <a href="Baow Dang Helps Thais Build Their Careers" campaign aligned affordable pricing with aspirational messaging during Thailand's weak economic recovery.</a> <a href="Minichart">Minichart</a> <a href="Competitors face pressure matching this price point—M-150">The Successful</a> recently reintroduced limited-edition THB 10 <a href="The Tyellow Cap">The Tyellow Cap</a> bottles specifically to defend share, <a href="Statista">Statista</a> <a href="The While Red Bull maintains premium positioning at THB 10-15">The Tyellow Cap</a> bottles specifically to defend share, <a href="Statista">Statista</a> <a href="The While Red Bull maintains premium positioning at THB 10-15">The Tyellow Cap</a> bottles specifically to defend share, <a href="Statista">Statista</a> <a href="The While Red Bull maintains premium positioning at THB 10-15">The Tyellow Cap</a> bottles specifically to defend share, <a href="Statista">Statista</a> <a href="The While Red Bull maintains premium positioning at THB 10-15">The Tyellow Cap</a> bottles specifically to defend share, <a href="Statista">Statista</a> <a href="The While Red Bull maintains premium positioning at THB 10-15">The World from PRX</a> <a href="The Post Type of Type Statista">Post Type Statista</a> <a href="The Type Statista">The Type Statista</a> <a href="The Type Statista">The Type Statista</a> <a href="The Type Statista">The Type Statist

Distribution excellence provides second-order competitive advantages. Carabao's **91% geographic coverage** approaches but remains below M-150's industry-leading 95%, creating ongoing opportunity for incremental expansion. The company's **326 cash van fleet** enables direct-to-retail delivery in traditional trade channels where 78% of volume flows, building relationships with approximately 180,000 shop owners through personalized service and the "Carabao Girls" promotional teams. Nation Thailand listedcompany. Vertical integration through owned glass bottle, aluminum can, and packaging production creates cost structure advantages competitors cannot easily replicate without massive capital investment. The **Bang Pakong industrial complex consolidation** enables just-in-time production, reduced transportation costs, and optimized working capital with inventory days improving from 69.6 (2021) to 57.3 (2024) and debtor days declining from 45.7 to 31.6.

Brand differentiation leverages authentic Thai cultural heritage through co-founder Yuenyong Opakul's iconic rock band Carabao, creating emotional connections competitors cannot duplicate. The water buffalo logo symbolizes strength, stamina, and unbreakable spirit resonating with working-class consumers. Wikipedia +5 Internationally, the brand pivots from folk authenticity to sports marketing excellence. The Carabao Cup sponsorship (English Football League Cup) runs through 2027 representing the longest title sponsorship in League Cup history, generating 106% brand awareness increase in the first season alone. Journée Mondiale +3 International broadcast reach delivers cost-effective international brand building with PR value-to-spend ratios of 107:1. Nation Thailand +2 International Previous Chelsea FC principal partnership (2016-2021) added Premier League visibility reaching 500 million global followers including 250 million in Asia. Foodbeverage-outlook +6 International Provided Reading FC, Heart of Midlothian FC, and Hoàng Anh Gia Lai. Wikipedia +2 International Provided Reading FC, Heart of Midlothian FC, and Hoàng Anh Gia

Product formulation provides health-oriented differentiation. Carabao positioned as the first energy drink prominently featuring **vitamin B12 on Thai labels** and offers products with **60% less sugar than Red Bull or Monster** in certain SKUs. <u>Vietnam Wholesale +2</u> As sugar taxation intensifies globally, low-sugar formulations become increasingly advantageous—Carabao products at 4g sugar/100ml fall below the UK's 5g government threshold, avoiding higher tax

brackets. <u>foodbeverage-outlook</u> ↑ The company actively tests alternative sweeteners for further reformulation, though 2021 attempts faced consumer resistance and were rolled back. Taste profiles emphasize "functional soft drinks with fruity flavors" rather than traditional medicinal energy drink taste, appealing to broader demographics including office workers and younger consumers beyond the blue-collar core. <u>Foodbeverage-outlook</u> ↑

Against Red Bull specifically, Carabao demonstrates superior performance domestically despite Red Bull's global dominance. While Red Bull GmbH commands 43% global market share with €6 billion annual revenues (2016) across 165+ countries and maintains market leadership in developed markets like the UK (35-40% estimated share), Red Bull/Krating Daeng captures only 17% in its home Thai market versus Carabao's 25-26%. Bangkok Post +3 This reversal reflects Carabao's local market advantages in pricing, distribution depth, cultural authenticity, and understanding of Thai consumer preferences. Bangkok Post Brudirect Internationally, the competitive dynamic inverts—Carabao enters as late challenger requiring years of investment to build distribution and brand recognition against entrenched Red Bull presence. The 10-year UK strategy aims for #3 position near-term and eventual #1 leadership through differentiation: targeting 25+ year demographics (90% of UK Carabao customers over 25) versus youth focus of competitors, bringing 43% new-to-category consumers, and emphasizing lifestyle positioning over extreme sports. foodbeverage-outlook Foodbeverage-outlook Foodbeverage-outlook

# Strong financial recovery masks temporary margin compression from commodity inflation and strategic investments

Carabao's financial trajectory demonstrates resilience through cyclical pressures with powerful recovery momentum from 2024 forward. Revenue grew from **THB 15.05 billion (2019) to THB 20.96 billion (2024)**, representing **6.9% CAGR** with notable volatility: strong growth in 2020 (+15.5%), flat performance in 2021 (-0.1%), moderate expansion in 2022 (+10.7%), contraction in 2023 (-1.9%), and robust recovery in 2024 (+11.2%). Yahoo Finance +2 The 2023 revenue decline reflected **branded own products falling 10.4%** as Thailand's energy drink market contracted 7.5% during COVID-19 aftermath, partially offset by 47.9% growth in third-party distribution. <u>listedcompany Statista</u> The 2024 turnaround delivered **THB 20.96 billion total revenue** with branded products recovering and distribution business expanding to THB 7.6 billion. <u>Yahoo Finance Finsyrus</u> First half 2025 sustained momentum with **10.3% year-over-year growth** to THB 10.9 billion, indicating continued recovery. <u>MarketScreener +2</u>

Profitability metrics reveal margin compression from 2020-2023 followed by sharp recovery. **Gross margins peaked at 39.9% (2020)** during favorable commodity and mix conditions, then steadily eroded to **25.9% trough in 2023** under pressure from rising raw material costs (sugar, aluminum, packaging), shift toward lower-margin distribution business, and COVID-19 impact on premium branded products. <u>listedcompany</u> Recovery began in 2024 with gross margin improving to **27.3%** and stabilizing at **27.2% in first half 2025**. <u>Yahoo Finance +3</u> The 2023-2024 margin recovery of 140 basis points reflects improved cost management, branded product recovery driving better mix, and raw material cost moderation including **sugar prices declining 12.7%** from 21.1 cents/lb to 18.4 cents/lb.

Operating leverage drove dramatic EBITDA expansion during recovery. **Operating EBITDA reached THB 4.43 billion in 2024**, up **36.4% from THB 3.25 billion in 2023**, with operating margin expanding from **12.8% to 17.0%**—a substantial **420 basis point improvement** in single year. Finsyrus This operating leverage continued into 2025 with first-half operating margin reaching **18.0%**. Yahoo Finance +2 The margin expansion reflects multiple drivers: fixed cost absorption from revenue growth, reduced football sponsorship expenses as Chelsea FC partnership ended, improved SG&A efficiency with ratio declining to 9.9% in Q2 2025 from typical 10-11%, and benefits from vertical integration. Interest expense declined to **THB 140 million in 2024** from THB 178 million in 2023, reaching the lowest level in eight years as deleveraging progressed. finsyrus T

Net profit surged 47.7% in 2024 to THB 2.84 billion, recovering strongly from the THB 1.92 billion trough in 2023. Net margins expanded from 10.2% to 13.6% and continued improving to 14.3% in first half 2025. StockAnalysis +2 \times Quarterly momentum strengthened through 2024-2025 with Q2 2025 delivering THB 800 million net profit (+15.9% YoY, +5.3% QoQ) at 14.4% net margin. Yahoo Finance +5 \times The profit recovery occurred despite modest revenue growth, demonstrating the powerful operating leverage inherent in the business model once volume inflection occurs. EPS grew from THB 1.92 (2023) to THB 2.84 (2024), a 47.9% increase. Finsyrus

Balance sheet strength improved dramatically through deleveraging. **Net debt plunged 63% to THB 1.71 billion** while shareholders' equity grew 15.7% to **THB 13.09 billion**, resulting in **net debt-to-equity of just 0.13x** from 0.41x previously. Total debt declined **47% to THB 3.09 billion** through cash generation and debt repayment. **Interest coverage reached 25.6x**, indicating minimal financial risk and substantial capacity for growth investments. Minichart

The company maintains **THB 1.38 billion cash** and current ratio of 1.29, providing comfortable liquidity. <u>stockanalysis</u> 7 TRIS Rating upgraded the credit rating to "A" with stable outlook from previous "A-" rating, reflecting the improved financial profile.

Cash generation accelerated with **operating cash flow reaching THB 4.37 billion in 2024** (+18.4% YoY) and **free cash flow of THB 4.15 billion** (19.8% margin) benefiting from low capex of THB 372 million that year. Stock Analysis +2.7 The company historically generates **THB 3.5-4.0+ billion operating cash flow** consistently. Minichart listedcompany Working capital management improved significantly with inventory days declining from 69.6 to 57.3, debtor days from 45.7 to 31.6, though creditor days also declined from 54.2 to 45.5. The 2025 outlook projects **THB 3.3 billion capex** for the new Cambodia factory and capacity expansion investments, temporarily reducing free cash flow but positioning for future growth.

Return metrics demonstrate high-quality business economics. **ROE reached 23.4**% in 2024, recovering from the 17.4% trough in 2023 though below the exceptional 37.7% peak in 2020. <u>listedcompany +2</u> The current ROE substantially exceeds cost of capital, driven by improved profitability, enhanced asset utilization, and reduced financial leverage costs. **ROA of 15.5**% and **ROIC of 19.4**% (projected 20.0% in 2025) indicate efficient capital deployment. <u>Minichart +2</u> Even during the difficult 2021-2023 period when ROE compressed, the company maintained ROE above 17%—still strong by industry standards—demonstrating business resilience and management's capital allocation discipline.

# Thai market saturation offset by premiumization trends and robust ASEAN growth momentum

Thailand's energy drink market represents both Carabao's foundation and a mature, challenging growth environment. The market reached **USD 843-1,081 million in 2023-2024** (approximately THB 32-35 billion) with forward growth projections ranging from **1.77% to 8.7% CAGR through 2030** depending on analyst assumptions. <u>Vyansa Intelligence +3</u> The wide projection variance reflects uncertainty around sugar taxation impact, health trends, economic recovery trajectory, and product innovation success. Conservative estimates around 2-3% CAGR appear most realistic given market maturity indicators. Thailand maintains the world's highest per-capita energy drink consumption at **11.5 liters per person annually**—four times higher than the United States— <u>FoodBev Media</u> The World from PRX with approximately 8 million regular consumers distributed 19% in Bangkok, 32% in other urban areas, and 49% in rural provinces. <u>Théo Courant +2</u>

Market saturation pressures manifest in slowing volume growth and intense competitive dynamics. The Thai energy drink market contracted **7.5% in 2023** following **6.8% decline in 2020** during COVID-19 disruptions, <u>PubMed Central</u> though recovered to approximately 4% growth in other periods. <u>listedcompany Statista</u> With penetration already extremely high among the working-class demographic and per-capita consumption at world-leading levels, incremental volume growth faces natural constraints. Companies increasingly focus on value growth through premiumization rather than volume expansion. <u>Vyansa Intelligence MarketResearch.com</u> The **traditional THB 10 segment maintains dominance but premium segments grow rapidly**: the THB 12 segment surged from 9% share (2021) to 40% (2024), while the THB 15+ segment expanded from 7% to 11%. This premiumization trend favors Carabao's carbonated can products in Green Apple, Mandarin Orange, and Mixed Berry flavors.

Supply dynamics center on raw material availability and cost volatility. **Sugar** sourced domestically under government price regulation with export prices following global markets creates dual pricing structure; weather events including El Niño droughts affect sugarcane output. **Taurine** production reached 150 million kg annually globally with highly concentrated supply—85% synthetic, 15% natural—and Asia-Pacific (particularly China) producing over 55%. Taurine pricing showed **significant Q2 2024 decline** to \$2,280/MT due to oversupply and reduced demand, though Q4 2024 volatility emerged from raw material availability issues (ethylene oxide, sulfur, ammonia) and demand fluctuations. **Marketreportanalytics Caffeine** production at 200 million kg annually comes from few large chemical companies, creating concentrated supply. **Marketreportanalytics Aluminum** cans represent major packaging cost at \$0.05-0.15 per standard can with prices fluctuating based on London Metal Exchange commodity pricing. Aluminum lightweight evolution reduced can weight from 16.55 grams (1972) to 14.9 grams currently, lowering material costs and shipping expenses while maintaining structural integrity. **Future Market Insights** +2 Carabao's vertical integration through owned glass bottle and aluminum can plants provides **partial insulation from packaging cost volatility** and supply disruptions affecting competitors.

Regulatory framework evolution poses significant structural headwinds. Thailand's **sugar tax implementation** began September 2017 with phased increases: Phase 1 (2017-2019), Phase 2 (2019-2021), Phase 3 (2021-2023), and Phase 4

(October 2023-present). The tiered system taxes beverages based on sugar content per 100ml with rates escalating from exempt (below 6g) to maximum 5 baht/liter (over 18g sugar). Bangkok Post +2 The tax initially produced counterintuitive results—energy drink consumption increased 4.6% post-implementation—PubMed Central though longer-term effects drive reformulation toward reduced-sugar products. Energy drinks cannot be advertised from 5:00 AM to 10:00 PM, equivalent to restrictions on alcoholic beverages, limiting promotional opportunities and requiring creative marketing approaches like sports sponsorships, digital activation, and grassroots teams. NutraIngredients.com Required health warning labels on products and voluntary codes against marketing to children under 16 further constrain messaging. An upcoming sugar tax increase from THB 0.3/liter to THB 1.0/liter in April 2025 could reduce FY2025 EPS by approximately 3% if current formulations continue, though Carabao actively tests alternative sweetener formulations to mitigate impact. Minichart finsyrus

International market opportunities provide growth runway offsetting domestic maturity. The UK energy drink market reached USD 2.98-4.79 billion in 2024 projecting to USD 4.5-7.0 billion by 2030 at 4.4-6.6% CAGR. Per capita spending approaches £60 annually with urbanization, fast-paced lifestyles, sports culture, and convenience consumption driving demand. Grand View Research Grand View Research UK regulatory environment includes mandatory warning labels for products exceeding 150mg caffeine/liter and pending under-16 sales restrictions expected to become law in 2024-2025 with fixed monetary penalties, following voluntary restrictions already implemented by major retailers including Waitrose, Tesco, Sainsbury's, Morrisons, Asda, and Aldi. Food Safety ACS The UK Soft Drinks Industry Levy (sugar tax) implemented April 2018 prompted widespread reformulation toward sugar-free and low-sugar variants, Beverage Daily 7 favoring products like Carabao with lower sugar content. Wikipedia 7 The Southeast Asia/ASEAN market reached USD 1.7 billion (2024) projecting to USD 2.9 billion (2033) at 5.89% CAGR, with broader Asia-Pacific at USD 10.63 billion growing to USD 19.10 billion by 2031 (7.6% CAGR). IMARC Mordor <u>Intelligence</u> Indonesia shows fastest regional growth, while China represents over 50% of Asia-Pacific demand <u>Tridge</u> <u>Innova Market Insights</u> though faces strict **150mg/liter caffeine limits** requiring product reformulation for market entry. Middle East markets including Saudi Arabia, Bahrain, and Qatar impose 100% excise tax on energy drinks with advertising bans in schools and gyms, Globalfoodresearchprogram 7 creating challenging but potentially lucrative markets given high per-capita spending power. Wikipedia

Industry challenges extend beyond regulation to health concerns gaining mainstream attention. High caffeine and sugar content links to sleep disruption, cardiovascular concerns, obesity, diabetes, anxiety, and poor academic performance particularly in children and adolescents. GOV.UK Beverage Daily Thai workers document excessive consumption patterns with cases reaching 160 bottles monthly to extend working hours, The World from PRX reflecting "you can work forever and sleepiness never comes" perceptions. The World from PRX Thailandblog Government health authorities increasingly issue advisories and warnings. Théo Courant These health trends create long-term structural pressures requiring ongoing innovation toward functional benefits, natural ingredients, reduced sugar, and moderate caffeine positioning.

## Founder-led management demonstrates strong execution despite concentration risks

Carabao's leadership centers on founder-CEO **Sathien Setthasit**, serving since January 2014 with 11+ years tenure and Chairman role since August 2013. Setthasit holds **32.12% direct ownership** worth approximately THB 18.39 billion, aligning interests with shareholders through substantial personal wealth concentration in the business. Simply Wall St His co-founding partnership with iconic Thai rock musician **Yuenyong Opakul** (Aed Carabao) provides authentic cultural branding competitors cannot replicate. Wikipedia +4 Nutchamai Thanombooncharoen serves as Managing Director and Vice Chairman, bringing continuity as the original 2001 joint venture co-founder. RocketReach bistedcompany Pongsarn Klongwathanakith occupies the CFO role since 2015, holding degrees from Ohio State University (BS Mechanical Engineering) and Sasin Graduate Institute (MBA) with recognition as Best CFO in Thailand 2021. Equilar The management team averages **9.5 years tenure** with board tenure at 8.5 years, indicating stability and institutional knowledge. Simply Wall St

Board composition reflects improving corporate governance with 13-14 members including 46% independent directors and 31% female representation—strong for Thai market standards. <a href="listedcompany">listedcompany</a> Simply Wall St</a>
Notable independent directors include Professor Dr. Surapon Nitikraipot (Chairman of Sustainable Development Committee with doctorate from Robert Schuman University and National Defense College graduate) <a href="Equilar">Equilar</a> and Dr. Pakorn Peetathawatchai (appointed April 2025). <a href="Equilar+2">Equilar+2</a> Committee structure encompasses Executive Committee (6 members), Audit Committee (3 independent directors), Risk Management Committee (8 members), Nomination and Remuneration Committee (4 members), and Sustainable Development Committee. The company employs over 1,775

personnel <u>PitchBook Investing.com</u> with 30%+ retention of employees serving 10+ years, indicating cultural strength and organizational stability. <u>RocketReach Apacoutlookmag</u> Management philosophy of "Ru Jing Tum Jing" (understand and act accordingly) encourages learning from mistakes and adaptive decision-making. <u>Foodbeverage-outlook</u> outlook

Management's track record demonstrates strong value creation through multiple cycles. Revenue grew from **THB 13.07** billion (2017) to **THB 20.96** billion (2024) at 7.7% CAGR 2017-2021 and 11% in 2024, while net profit expanded from **THB 1.25** billion (2017) to **THB 2.84** billion (2024) at 23.3% CAGR 2017-2021 despite the 2023 trough. Nation Thailand listedcompany Market position advanced from late entrant (2002) to **Thailand's #2 energy drink brand with accelerating share gains** from 21% (2014 IPO) to 25-26% (2024) targeting 27-28% for market leadership. Wikipedia +3 International expansion delivered presence in **40+ countries** with exports reaching approximately 40% of revenues from minimal exposure at founding. Foodbeverage-outlook Strategic accomplishments include successful 2014 IPO at THB 28 per share, completion of vertical integration through glass, aluminum can, and packaging plant acquisitions, and execution of high-impact sports marketing including the landmark Carabao Cup sponsorship extended through 2027. Wikipedia The company earned multiple awards including Thailand's Top Corporate Brands 2020, SET Awards (Best CEO in 2020 and 2021), and Global Good Governance Awards, Carabaogroup with credit rating upgraded from A- to A with stable outlook.

Shareholder returns reflect volatile stock performance relative to strong fundamental progress. The **IPO price of THB 28** (2014) appreciated to all-time highs around **THB 156** (**July 2021**) during the global market euphoria period, though subsequently corrected to the **THB 40-50 range** (2025) representing 48.89% decline from 52-week highs. Investing.com Current market capitalization stands at approximately **THB 40-55 billion** (\$1.2-1.8 billion). PitchBook +2 The stock traded in the **THB 46.50-82.00 range** over the past year with current levels at the lower end. Investing.com +2 This valuation compression occurred despite improving fundamentals, creating potential value opportunity. **Dividend policy maintains minimum 40% payout** of net profit after tax with recent **77.66% payout ratio** (2024) and **THB 1.30 per share annualized dividend** yielding **2.11-2.45%**. Stock Analysis stockanalysis Five-year dividend growth shows -5.22% reflecting business cycle fluctuations. Eulerpool Total shareholder returns depend heavily on entry timing—strong for early investors through 2021, challenging for those entering at peak valuations.

Strategic vision articulates "WORLD CLASS PRODUCT, WORLD CLASS BRAND" supported by seven-point mission framework spanning people development, international-standard work systems, clear organizational objectives, embedded innovation, world-class products, modern global branding, and good governance. Strategic goals target #1 in Thailand within 1 year (achieved #2, gaining rapidly), #1 in ASEAN within 3 years (in progress), and #1 in ASIA within 5 years (aspirational). Listedcompany +3 \to Core strategies emphasize vertical integration benefits across the 200-rai Chachoengsao complex, sports marketing through Carabao Cup and other partnerships generating 106% brand awareness increases, distribution excellence with 90% Thai coverage reaching 180,000 outlets, and product innovation including Woody C+ Lock functional drinks and new category entry into beer market via Tawandang German Brewery.

International expansion follows phased geographic strategies. **China expansion** receives major shareholder private investment of up to **THB 14 billion over 4 years** targeting 1 billion cans annually through 26 branch offices, 500-600 distributors, and approximately 1,000 employees. The approach uses OEM production initially with plans for proprietary factory when volume reaches 500 million can threshold. Nation Thailand +2 UK and European strategy leverages Netherlands manufacturing partner for distribution through ICUK subsidiary (84.31% owned) accessing 80%+ of UK FMCG retail through Sainsbury's, Morrisons, and others, targeting profitable operations. **CLMV markets** employ distributorship model with local partners and new **Myanmar production facility launched Q2 2025** to boost local production efficiency. Nation Thailand +4 The company projects restoring CLMV sales to pre-disruption levels of THB 6.8 billion from current THB 5.4-5.7 billion as Cambodia border tensions ease. Insyrus T

Risk assessment identifies multiple material threats to earnings and strategy execution. Raw material cost volatility ranks as highest-impact operational risk given exposure to sugar, glass, aluminum, plastic resins, natural gas, taurine, and caffeine—all subject to commodity cycles, supply disruptions, and geopolitical factors. The 2023 margin compression to 25.9% gross margin demonstrated vulnerability to input cost inflation with limited ability to pass through increases given competitive intensity. Mitigation includes multiple suppliers (2-3 for each material), forward contracts with fixed pricing, vertical integration reducing packaging costs, buffer stock maintenance, and alternative material formulation capability. <a href="listedcompany">listedcompany</a> Health and regulatory risk poses high-impact structural challenge as sugar taxes spread globally, health consciousness grows, and governments implement advertising restrictions and age-based sales limits. The upcoming April 2025 sugar tax increase from THB 0.3/liter to THB 1.0/liter could reduce FY2025 EPS by 3% without reformulation. <a href="mailto:finsyrus">finsyrus</a> Mitigation efforts include sugar-free product development, functional drinks portfolio expansion through Woody C+ Lock, proactive regulatory engagement, and legal monitoring teams, though fundamental consumer preference shifts represent unavoidable headwinds.

Competitive intensity in mature Thai market creates high-impact threat given price-fixing at THB 10/bottle, limited differentiation opportunities, and aggressive counter-strategies from M-150 and Red Bull. Market share gains require sustained execution excellence in distribution, field marketing, cost management, and innovation. Economic sensitivity poses medium-high risk as target lower-to-middle income demographics face household debt exceeding 90% of GDP, making demand vulnerable to downturns as demonstrated by 7.5% market contraction in 2023. Foreign exchange exposure affects 28% of overseas sales in foreign currencies (mainly USD) worth THB 6.93 billion annually, creating revenue and margin volatility managed through Thai baht pricing where possible, advance payment terms, and forward contracts. Business continuity risk emerges from single integrated facility concentration in Chachoengsao—natural disasters, terrorism, cyber-attacks, or utility failures could halt production severely impacting revenues, mitigated through business continuity management protocols, comprehensive insurance, and emergency response plans.

Distribution partner dependency for international markets creates execution risk if partners withdraw or underperform. Key personnel dependency on founder-executives creates succession concerns, though management bench strength appears adequate.

### Current valuation at 13x forward earnings offers 40-75% upside to fair value

Carabao's valuation metrics present compelling entry point relative to historical levels, regional beverage peers, and global energy drink companies. The stock trades at 13.1x trailing P/E and 13.3x forward P/E based on current price of THB 40-50, representing 36% discount to Asian beverage industry average of 20.5x P/E. EV/EBITDA of 8.9x compares to industry benchmarks of 12-15x, indicating 26- stockanalysis 741% valuation discount. Price-to-book of 2.86x appears reasonable given ROE of 23.4%—companies with ROE exceeding 20% typically justify 3.0-4.5x P/B multiples. Price-to-sales of 2.0x and dividend yield of 3.5% round out the valuation picture with enterprise value of THB 41.25 billion reflecting minimal net debt of THB 1.01 billion.

Historical valuation context reveals dramatic multiple compression from market peaks. The stock reached all-time highs around **THB 156 in July 2021** trading at estimated **26-30x P/E** during global market euphoria, subsequently correcting 68-74% to current THB 40-50 levels despite fundamentals improving substantially. Revenue grew 19% from 2021 to 2024 while profitability recovered strongly, yet valuation compressed by half or more. The stock currently trades **48.89% below 52-week highs** with technical indicators showing **RSI of 21.61 in oversold territory** and price below both 50-day (THB 51.59) and 200-day (THB 58.58) moving averages. This severe correction creates potential mean reversion opportunity as valuations normalize. Historical 10-year average ROE of 22.77% compared to current 23.4% suggests business quality remains intact despite stock price weakness.

Peer comparison analysis highlights Carabao's valuation discount across multiple dimensions. **ThaiBev** (Y92.SI), the major regional beverage conglomerate with \$9.6 billion market cap and diversified portfolio across spirits, beer, non-alcoholic beverages, and food, trades at **10.8x P/E** and approximately **9.2x forward EV/EBITDA** with 4.7% dividend yield. ThaiBev's depressed valuation reflects Vietnam operations weakness and consumer sentiment concerns, yet Carabao with focused energy drink exposure trades at modestly higher multiples despite superior growth profile. **Oishi Group**, Thailand's RTD green tea leader with over 60% market share, was privatized by ThaiBev in 2023 at **18.4x P/E valuation**, suggesting fair value for strong Thai beverage brands approaches high teens P/E multiples. **Ichitan Group** (ICHI.BK), direct RTD tea competitor with THB 14.82 billion market cap, trades at approximately **1.9x P/S** with exceptional 10.28% dividend yield, though smaller scale and single-category focus limits comparability.

Global energy drink leader **Monster Beverage** (MNST) trades at **35.7-41.5x** P/E with **26.6-27.6x** EV/EBITDA and **8.0x** P/S despite comparable ROE of 24.1% versus Carabao's 23.4%. Monster's premium valuation reflects US-listed status, larger \$66 billion market cap, established global #2 position with 39% market share gaining on Red Bull's 43%, and consistent double-digit revenue growth. Monster pays no dividend, reinvesting entirely for growth, yet commands 2.7-3.2x Carabao's earnings multiple. Even applying **50% discount to Monster's valuation** (17.5x P/E) would imply THB 53.90 fair value for Carabao, representing 8-34% upside from current range. **Red Bull** remains private limiting direct comparison, though commands 43% global market share with €6 billion revenues and premium positioning justifying substantial valuations. The **Asian beverage industry average P/E of 20.5x** applied to Carabao's THB 3.08 EPS suggests fair value of **THB 63.14**, representing 26-57% upside depending on current price within the range.

Analyst consensus strongly supports undervaluation thesis with **9 of 12 analysts recommending BUY** versus 3 SELL ratings. Consensus target price of **THB 69.34** implies **38-72% upside** from current THB 40-50 range, with individual targets spanning THB 50-97. **Maybank Securities** upgraded to BUY in January 2025 with **THB 91 target** (+82-126% upside) based on market share growth and international recovery. **Macquarie upgraded to Outperform** with **THB 70** 

target (+40-75%) emphasizing export market recovery and strong 2H25 outlook. **KKPS maintains BUY** with **THB 62** target (+24-54%) projecting operational improvement from late 2025. Recent earnings revisions moved down 8-9% due to Cambodia border disruption impacts, yet analysts maintain constructive outlook expecting 4Q25 recovery as tensions ease.

Growth prospects justify valuation re-rating through multiple drivers. **Domestic market share trajectory** from 26.0% (2024) to 27.5% (2025E) to 29% target creates substantial earnings growth opportunity in THB 32-35 billion market, with each 100 basis points of share worth approximately THB 320-350 million incremental revenue. The company projects **7% domestic sales growth** for FY25 versus 2.5% overall market growth, implying continued 150+ basis point annual share gains. **International expansion** particularly CLMV region recovery from current THB 5.4-5.7 billion to pre-disruption THB 6.8 billion represents **20-25% growth potential** plus 8% underlying market growth. Myanmar facility launch in Q2 2025 provides local manufacturing cost advantages and production flexibility supporting regional expansion. **Strategic initiatives** including reformulation with alternative sweeteners to mitigate sugar tax impact, localization of production reducing CLMV logistics costs, and enhanced traditional trade distribution leveraging channel dominance offer operational improvement pathways.

Valuation-growth assessment through PEG ratio calculation shows **PEG of 3.90** appears elevated against 1.0-2.0 industry benchmark, though this metric can mislead given the cyclical recovery trajectory. With 7% projected revenue growth, 150 bps market share gains annually, and international recovery upside, fair P/E multiples of 15-18x appear justified versus current 13.1x. Applied to TTM EPS of THB 3.08, fair value ranges **THB 46.20-55.44**, representing 0-38% upside from current levels before accounting for multiple expansion toward industry averages. Alternative valuation approaches converge on similar conclusions: **EV/EBITDA methodology** using industry 12-14x multiples on TTM EBITDA of THB 4.51 billion implies equity value of THB 53.1-62.1 billion or **THB 53.10-62.10 per share** (+6-54% upside); **DCF-implied from analyst targets** suggests THB 62-91 range (+24-127%); **peer comparison** at 50% discount to Monster yields THB 53.90 (+8-34%). Blended fair value assessment indicates **THB 60-70 per share** representing **20-75% upside** depending on current entry point within THB 40-50 range.

Risk-reward asymmetry appears favorable given limited downside scenarios. Bear case assumes sugar tax full implementation without reformulation success, Cambodia recovery delays beyond 2025, competitive intensity preventing market share gains, and commodity cost inflation resuming, yet even under these stressed assumptions fair value likely holds near THB 50 (15x trough earnings) given the **pristine balance sheet, strong cash generation, 3.5% dividend yield, and defensive low-beta profile** (0.56). Base case improvement to fair value of THB 60-70 requires merely valuation normalization toward industry averages without exceptional execution. Bull case reaching THB 80-90 assumes successful market share capture toward 29% target, CLMV recovery to historical levels, sugar tax mitigation through reformulation, and multiple expansion to 18-20x P/E as market recognizes sustainable competitive advantages—all achievable outcomes given management's track record. The **trading liquidity of 4.47 million shares daily** (THB 200-220 million value) accommodates institutional accumulation, though **71.48% insider ownership** limits float to 28.5% creating some liquidity constraints on very large positions.

### Investment verdict: Attractive entry point for 12-24 month horizon despite near-term execution risks

Carabao Group presents a compelling value investment opportunity for patient capital willing to navigate near-term volatility. The stock trades at significant discounts to fair value, regional peers, and global energy drink leaders despite strong business fundamentals including #2 market position in Thailand with accelerating share gains, vertically integrated cost structure, 23.4% ROE, robust free cash flow generation, and conservative balance sheet with negligible leverage. The 48% net profit growth in 2024 demonstrates operating leverage as the business inflects from 2023 trough, with 1H 2025 sustaining momentum at 18% profit growth. Management's track record since 2002 demonstrates capability to execute against entrenched competitors, having grown from late entrant to Thailand's second-largest energy drink brand while establishing presence in 40+ international markets.

Key bullish catalysts include ongoing domestic market share capture with realistic path from current 26% to 29% target generating substantial earnings growth, CLMV market recovery from border disruption impacts adding 20-25% revenue upside to current depressed levels, Myanmar facility ramp-up reducing costs and supporting regional expansion, and potential valuation re-rating as market recognizes the combination of quality business characteristics and growth runway. The sports marketing strategy through Carabao Cup sponsorship extended through 2027 provides cost-effective global brand building reaching millions of football fans across Asia and Europe. Product innovation through Woody C+ Lock functional drinks, sugar-free variants, and premium carbonated cans positions the portfolio for evolving consumer

preferences toward health-conscious options. Financial strength with net debt of just 0.13x equity and operating cash flow exceeding THB 4 billion annually provides flexibility for growth investments while maintaining dividend policy.

Principal risks requiring monitoring include raw material cost volatility particularly sugar and aluminum creating margin pressure if commodity inflation resumes, sugar tax increase from THB 0.3 to THB 1.0 per liter in April 2025 potentially reducing EPS by 3% absent successful reformulation, intensifying competitive dynamics as M-150 defends market leadership and international players expand Asian presence, execution challenges in international expansion given capital intensity and uncertain returns particularly in China, economic sensitivity of target lower-to-middle income demographic vulnerable to Thailand's weak household balance sheets, and regulatory headwinds from health concerns and advertising restrictions creating structural industry challenges. The single-site production concentration in Chachoengsao creates business continuity risk though comprehensive insurance and emergency protocols mitigate severity.

Areas of uncertainty warranting acknowledgment include wide variance in Thai market growth projections (1.77% to 8.7% CAGR) reflecting genuine uncertainty about sugar tax impact and consumer behavior evolution, international expansion execution particularly China and UK market penetration against entrenched competitors with larger marketing budgets, ability to successfully reformulate products with alternative sweeteners maintaining consumer acceptance after 2021 reformulation rollback, Cambodia-Thailand geopolitical tensions potentially persisting beyond 2025 affecting border trade flows, and broader emerging market currency and political risks given exposure to Myanmar, Middle East, and other volatile regions. The controlling shareholder structure with 71.5% insider ownership provides alignment benefits but limits minority shareholder influence on strategic decisions.

For investors seeking exposure to Asia's growing energy drink market with attractive risk-reward, Carabao offers a compelling entry point at current valuations of 13x earnings trading 36% below industry averages. The combination of defensive characteristics including low beta, stable dividend yield, and consumer staple business model with meaningful growth potential from market share gains and geographic expansion creates favorable asymmetry. Analyst consensus of THB 69 implies 38-72% upside with a 12-24 month time horizon reasonable for valuation normalization, recovery momentum continuation, and strategic initiative execution. Patient investors entering at current depressed levels appear well-positioned for attractive absolute and risk-adjusted returns as the business recovers from cyclical trough and market recognizes the durable competitive advantages built over two decades of consistent execution.