

19th CITIC CLSA Asean Forum 2023

Bangchak Corporation Plc

March 9, 2023















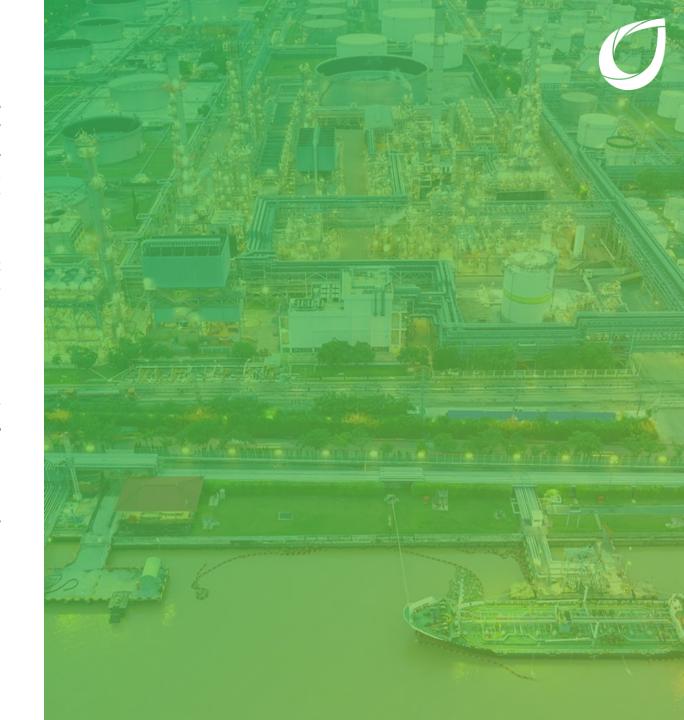


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Agenda







Bangchak Group at a Glance

BCP Shines as World Class Sustainability Leader



Global Awards

MSCI ESG Rating 2022

of "AA", ESG Leader

For 5 Consecutive Years

"The highest rating in energy and related industries in Thailand"



Sustainability Award
Silver Class 2022

S&P Global

Regional Awards

- Asia's Best CEO
 Best
- Asia's Best CFO
 Best Environmental Responsibility
- Best Investor Relations Company



Local Awards

- Thailand Sustainability Investment (THSI): The Stock Exchange of Thailand
- Sustainability Awards of Honor 2022: The Stock Exchange of Thailand
- Sustainability Disclosure Award 2022: Thaipat Foundation
- Thailand Corporate Excellence Awards 2022: HRH Princess Maha Chakri Sirindhorn Sustainable Development Excellence and the Distinguished Awards for Leadership Excellence
- TQA and TQC: Thailand Management Association, Bangchak as the only Recipient for the Refinery and Oil Trading and the Marketing Business Group
- Outstanding Low Carbon and Sustainable Business Award: TGO
- Runner-Up UN Women 2022 Thailand WEPs Awards as the 1st Runner Up in The Transparency and Reporting Category
- People Management Award 2022, in The Best of CEO People Leader, The Best Employee Relation and Engagement, The Best Reward and Recognition, and The Best Learning and Development

Bangchak's Business Portfolio



Register Capital and Paid - up Capital 1,376,923,157 Baht



4.76% Ministry of Finance



19.84% Vayupak Fund 1



14.40% Social Security Office



Refinery and Oil Trading Business • Complex refinery with capacity of 120 KBD • Yields are mostly middle distillate & premium products Marketing Business Distribution channels through industrial & retail channels • 1,343 service stations • 1,002 Inthanin coffee stores

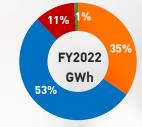
Green Power Business





Wind - TH (10.7 GWh)

- Integrated power generation company and service provider of smart energy system
- Listed in SET since September 2016







Natural Resources OKEA ASA 45.44%

 Norway-based company engaged in oil & gas exploration and production Oil 65%

- Mid-to-late-life operator
- Listed in Oslo Stock Exchange since June 2019



Bio-based Products



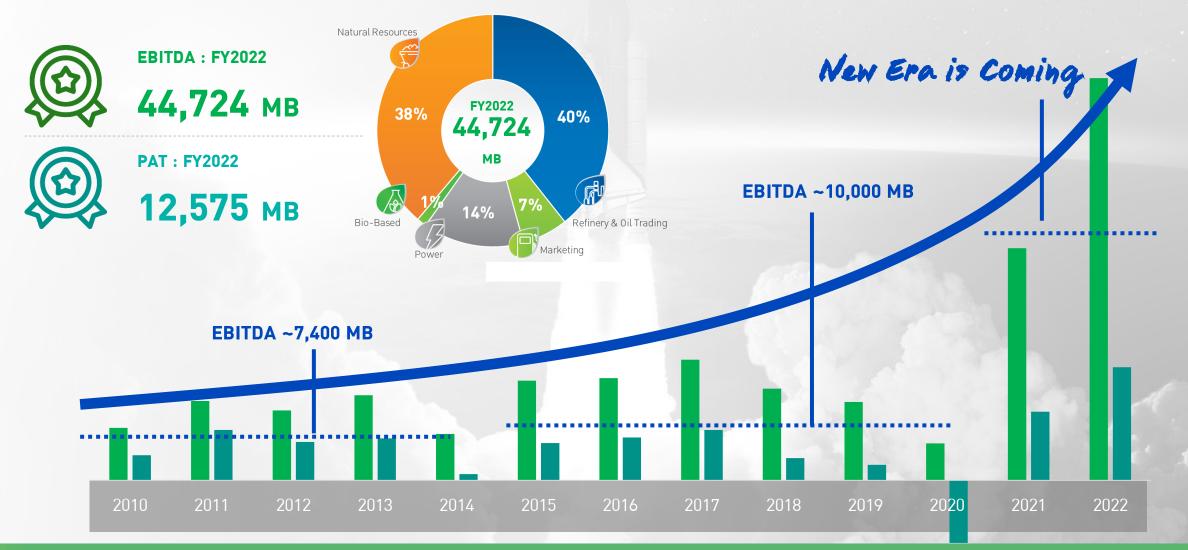


- No.1 fully Integrated Biofuel Producer in Thailand
- Collaborate with a synbio-technology player to bring Bio Business to "New Frontier"
- Listed in SET since March 2022

Sustainable Growth

O

Strong Market Fundamental, Optimization, Diversification



OKEA Consolidated since Jul 2021

Energy in harmony with nature





- ▼ Transfer of strategic fuel infrastructure and operations to Thai ownership
- ✓ Combined crude and products terminals capacity
 of ~15mmbbl

Environmental sustainability

- ✓ Maintain high environmental standards
- ✓ Open up avenues of distribution of Bangchak's biofuels
- Generate discretionary cash flows to reinvest and expedite energy transition





Energy affordability

- Enlarged and more comprehensive fuel logistics network will reliably provide fuel to consumers at competitive pricing
- ✓ Optimized cost structure to improve affordability for customers



Knowledge transfer

- ✓ Skilled workforce, IP and technology
- ✓ Combination of Bangchak and ETL's best practices to service customers



Bangchak Group Performance & Going Forward

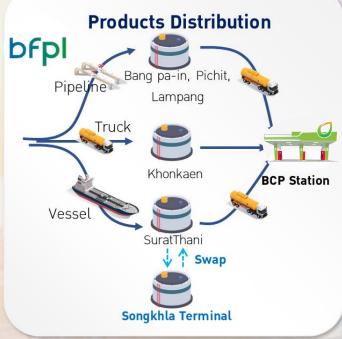


DISTRIBUTION CHANNELS

Refinery and Oil Trading Business









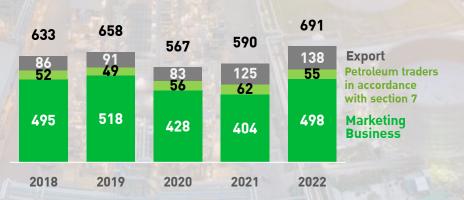
TRADING VOLUME (MBBL)



TOTAL SALES VOLUME Unit: % Portion of total sales volume in 2022 Export 20% Industrial Market Retail Market 56%



BCP Total Sales Volume (Unit: ML/MO)

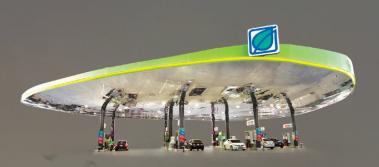




Marketing Business



Service Stations (as of 31 Dec 2022)



1,343 Sites

+66 from 2022

Standard Type

Sites

CO-OP Type

619

Sites

Network Expansion

Focus on high potential areas, with service stations of distinguished character, harmoniously customized to customer needs

Unique Design Service Stations



The first impression

Deliver the best customer experience.

Developing unique design service station is one of the main strategy to make BCP service stations more appealing to customers

Bangchak Green Miles 4.9 4.0 3.0 4.1 Million Members +2.1 1. YoY 2018 2019 2020 2021 2022

Retail Experiences







"THE FRESH QUALITY ECO-COFFEE IN THAILAND",

serve 100% Arabica coffee beans roasted with specific process while giving back to the community and environment nationwide

Award for 2 years
consecutively

+185 from 2022

595 sites in S/S 407 sites out S/S

(as of 31 Dec 2022)

EV Charging Business



Total installed

179 Charger

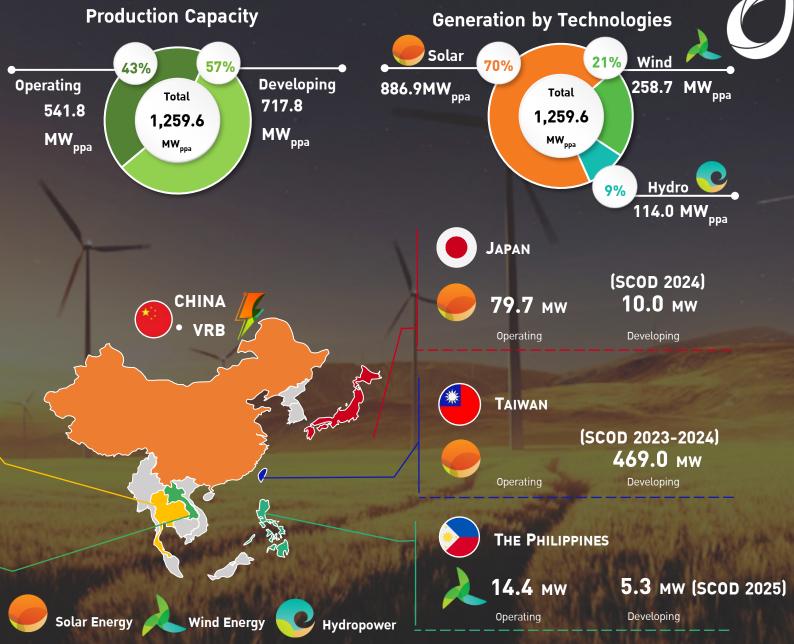
bcpg

Listed in SET since September 2016

BCP holds **57.19%**

An integrated power generation company and service provider of smart energy system focusing on renewable and clean power







New Investments in Pipeline



1. Oil Tank Terminal

20 Operating Tanks



• Investment Objective: support recurring income and the acquired infrastructure can be extended to support other business opportunities in the future.

Deals Target Completion: 1H23







• Operating: 20 tanks (> 710 ML)

Pipelines

- Operating:
 - 3 pipelines (16-inch diameter)
 - 2 pipelines (20-inch diameter)

Distribution Ports

• Operating: 16 truck loading units





Existing Capacity: 5 ships (up to 120,000 DWT)

2. Combined Cycle Gas Turbines

South Field Energy: SFE

South Field





[1] Installed MW South Field Energy 1,182 MW^[1] Net to BCPG: 90 MW

Carroll County Energy 700 MW^[1] Net to BCPG: 61 MW

> Operational asset 151 MW with investment budget of \$115 mm.

Investment Highlight

- PJM is the well-developed largest wholesale market in the world
 - New technology of Gas Turbines with lowest fuel consumptions
 - Strategic location accessing to low cost of natural gas from Marcellus Shale Gas
- Unique opportunity to partner with Advanced Power to expand business in the US



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COD	December 2017	COD	October 20
Installed Capacity	700 MW	Installed Capacity	1,182 MV
% Net Holding	8.7%	% Net Holding	7.6%
MW acquired	61 MWe	MW acquired	90 MWe



Flagship for Biofuel and HVP in Health & Well-Being

Partnering with MANUSBIO

Advanced bacteria fermentation tech to

convert sugar into natural ingredients

Joint Venture with

other patented products

Right to Commercialized BIOM's research and

Exclusive

Manufacturing License

and Distributor in

12 Countries through

MľN



Listed in SET since March 2022

BCP holds 45.00%

Khonkaen

Thailand First Fully

Integrated Biofuel Producer

Our Growth Opportunities

Leading and Pioneering in Thailand "Synthetic Biology"

Ethanol Business

Kanchanaburi

Molasses

300,000 L/D

Operates under BBGI-BP Kanchanaburi

BBGI holds 100%

Khonkaen

Molasses

150,000 L/D

+200,000 L/D

(Expected COD in 102023)

Operates under BBGI-NP BBGI holds 100%

Chachoengsao

Cassava

150,000 L/D

Operates under BBGI-PS BBGI holds 85%

Biodiesel Business

Ayutthaya Crude palm oil **1,000,000** L/D

+ Refined Glycerin 27.000 Tons/Yr Operates by BBGI-BI BBGI holds 70%

Equity Portion 49,600 L/D

BBGI holds 12.4%

Biofuel Production Capacity (Unit: ML/D)

UB N

BIO ETHANOL

1.85

Ayutthaya

Chachoengsao

0.6

1.0

- **UBE** Equity Portion
- **Z** Ethanol Expansion Capacity *COD within Q1/2023
- Ethanol Capacity
- Biodiesel Capacity

Upstream Midstream

Partnering with world class professional of CDMO1 Manufacturer



Engineered Microbes

Fermentation "Farming in Fermenter"



Downstream













Note: 1Contract Development and Manufacturing Organization

OKEA ASA

· A Norway-based oil company engaged in the oil and gas exploration and production industry



Listed in Oslo Stock Exchange

• Mid-to-late-life operator • Listed in Oslo Stock Exchange since June 2019

BCPR holds 45.440

Current Assets in Production



Draugen 44.56% Operator: OKEA

Based 2022



Gjoa 12%



Yme **15%**



Ivar Aasen 2.77% → '*9.24%

New Acquisitions¹





35.2% Operator: OKEA



First Oil - 1 Aug 2022

¹ Transactions completed on 1st Nov 2022

Strengthening a more robust and diverse production portfolio in the North Sea

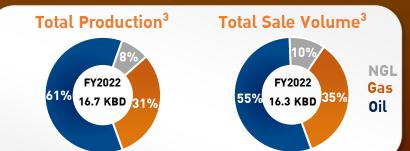




Healthy balance between growth and dividends



²OKEA has further stated intention to continue distributing a quarterly dividend of NOK 1.00 per share in 2023



Net to OKEA

Strong Financial Status Going Forward







Data as of 31 Dec 2022

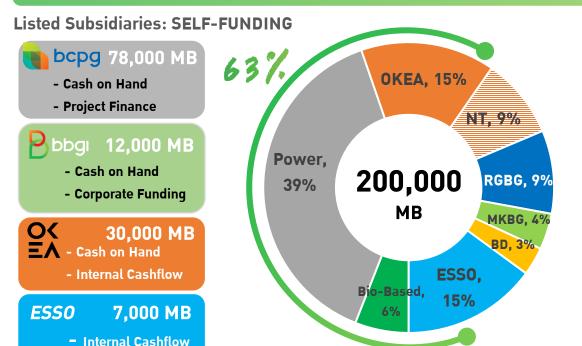


242,344 MB 5 93,021 MB 5 44,724 MB

EBITDA

Remark: [1] Including short-term investment

CAPEX Plan (2023-2030)



Strong Cashflow from Operation with Leverage Headroom

BCP & Others

2023 Performance Guidance

Total

1,259.6

MWppa

Solar

Wind

Hydro

O

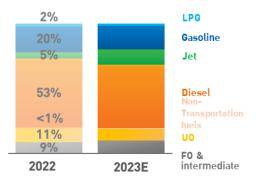
Refinery and Oil Trading Business

Average Crude run above 120 KBD

No Turnaround Maintenance

• DB price @ 80-85 \$/BBL

2023 Projected Production Yield (%)



Green Power Business



- Newly acquired assets (Oil terminal and two natural gas power plants)
- Transmission line from Laos to Vietnam to be COD in March 2023
- EBITDA Growth > 20% YoY
- Capex guidance of 39,000 MB



OK EA Holds OKEA ASA 45,44% **Bio-based Products**

bbgi 45.00%

1.0 1.85 ML/D Expanded Capacity

Capacity

UBE Equity Portion

 B100's Sales volume expects to grow particularly from B100 in tandem with changing in B5 to B7

Biodiesel

- New Ethanol plant COD in March 2023
- +33% of Ethanol Capacity & +12.5% to Total Capacity
- (+ Additional Ethanol Capacity of 200,000 L/D)

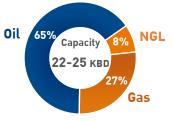
Marketing Business

- •+13-14% total sales volume &
- +9-10% RM sales volume
- +70 service stations → 1,413 stations in FY23
- +250 Inthanin coffee stores → 1.250 stores in FY23

% EBITDA to Business Segment



- Production guidance of 22–25 kboepd (+30-50%) in 2023 before M&A
 - Planned turnaround at Ivar Aasen with expected downtime 1-2 weeks in Q1
 - II. Planned turnaround at Draugen with expected downtime of 23 days in Q2
- The OKEA board also reaffirmed its intention to distribute total NOK 4.00 per share in 2023 (~700 MB Net to BCP)
- Capex guidance of 1,700-2,100 M.NOK in 2023

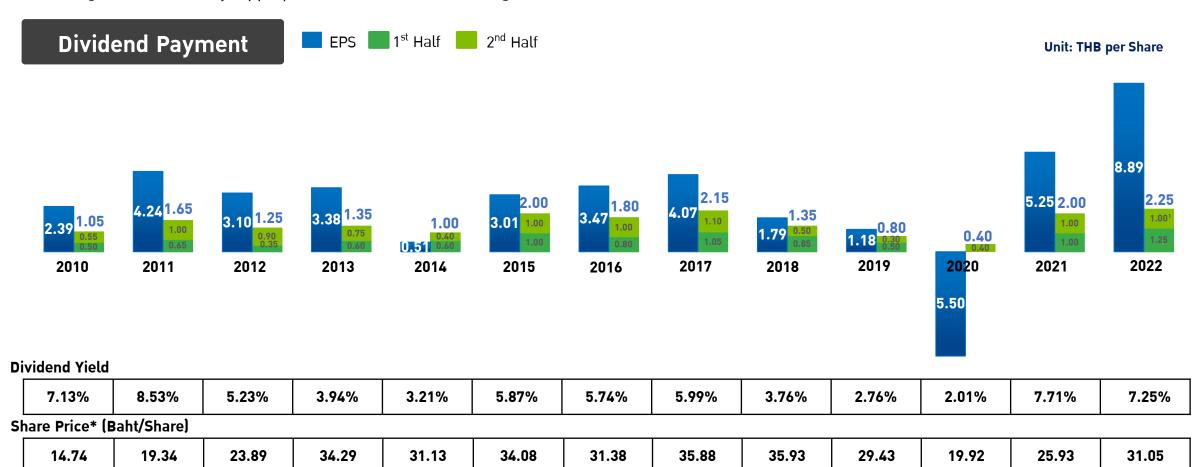


Bangchak's Historical Dividend



Dividend Policy: ≥ 30 percent of net profit after deduction of allocation of legal reserve

However, this is subject to the economic situation, the Company's cash flow and investment plans of the Company and its subsidiaries according to the necessary, appropriation and other concerning as the Board of Directors' consideration.



*Average share price of the period

¹Proposed for 2023 AGM approval, on 11 April 2023



Esso Thailand Acquisition Overview

Acquisition highlights



Transformational acquisition for Bangchak to be a sustainable energy market leader



Bangchak Corporation Public Company Limited ("Bangchak") has agreed to acquire ExxonMobil Asia Holdings' ("ExxonMobil") 65.99% stake in Esso (Thailand) Public Company Limited ("ETL"), one of the leading integrated petroleum refining and marketing companies in Thailand



Creates the **leading Thai integrated refining and marketing ("R&M") player** with combined nameplate refining capacity of 294 KBD and supplying ~2,100 stations¹



Enhances national energy security with the transfer of strategic fuel infrastructure and technology to Thai ownership



Acquisition values ETL at a fixed enterprise value of THB 55.5bn, subject to agreed adjustments, this implies an indicative purchase price of THB

8.84 per share based on 3Q2022 financials



Compelling financial returns – expected realization of operational run-rate pre-tax synergies of THB 2 – 3bn p.a. and significant EPS accretion



The transaction is subject to regulatory approvals; post completion of the acquisition of ExxonMobil's stake, **Bangchak will launch a tender offer** for the remaining shares in ETL

Note: ¹ As of September 2022

Significant synergies potential from costs optimization



THB 2 - 3* billion

estimated annual run-rate pre-tax synergies

Refinery operations

~\$1,000* mm

- ✓ Enhanced refinery capabilities
- ✓ Improved utilization from 130 KBD to 150 KBD
- ✓ Product yield and GRM optimization
- Coordinated maintenance schedule
- ✓ Upside from aromatic plant resuming operation

Logistics & Crude supply

~\$200* mm

- Crude terminals integration
- Onshore distribution optimization
- Expanded logistics reach with lower cost
- Access to wider infrastructure Sourcing optimization
- ✓ Crude co-loading
- ✓ Bulk purchase cost saving

Retail market network

~\$300* mm

- ETL's throughput enhancement to the Bangchak's standard station level
- ✓ ETL's sites as the support channels for Furio further expansion
- Opportunity for Inthanin expansion in ETL's stations

Corporate

~\$1,500* mm

- Economies of scale on back office operations
- Simplified management structure
- Combined marketing efforts

Note: *Based on Company's projection

Overview of purchase price adjustment mechanism



- Bangchak and ExxonMobil have agreed to customary adjustments to the purchase price at completion subject to business performance,
 resulting in changes in net debt, working capital and other items
- This mechanism allows to fix the enterprise value at THB 55.5bn (the intrinsic value of ETL) and offsets swings in working capital against a normalized reference level given the volatile business environment
- As a result, the final purchase price per share will only be determined at completion

	Key items	Amount (THBbn)	Explanatory notes					
	Agreed Enterprise Value	55.5						
Debt/cas	h (-) Net Debt and Debt Equivalent Items	As of Closing FS	Includes as well debt-like items such as leases and pension obligations					
adjustmer	nts (+) Other Financial Items	As of Closing FS	Consists of investment in associates and other items					
Working ca	(+) Financial Statement Date Working Capital	As of Closing FS	Excludes inventory					
adjustments (-) Target Working Capital		9.5	Target figure agreed between Bangchak and ExxonMobil (excludes inventory)					
	(+) Volume-linked HC Inventories Adjustments	As of Closing FS	Adjustment only if inventory volumes at completion are different from the agreed					
Pro form	≺	As of Closing FS	reference volume of 7.4mbbl, priced at Financial Statement Date month average Includes adjustments for ETL's inventory related to finished lubricant and chemical marketing businesses					
	= Equity Value of ETL							

Illustrative purchase price sensitivity at completion



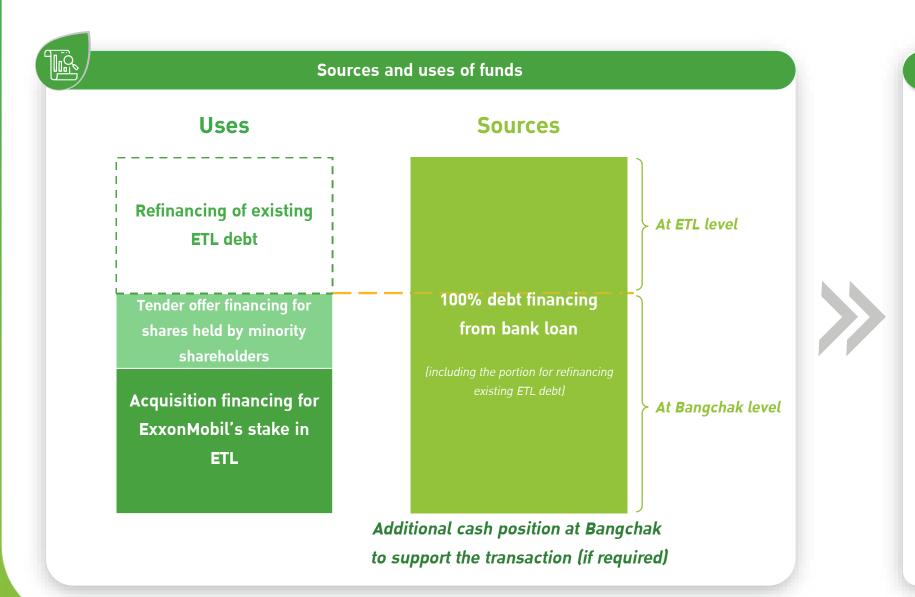
Illustrative impact of potential changes in total adjustments between enterprise value and equity value between 3Q2022 and completion:

	(THBbn)	Illustrative 2Q2022	Illustrative 3Q2022	-THB 5.0bn	+THB 5.0bn	+THB 10.0bn
	Enterprise value	55.5	55.5	55.5	55.5	55.5
Debt/cash	(-) Net debt and debt equivalent Items	(25.6)	(41.6)			
adjustments	(+) Other financial items	2.8	2.9			
Working	(+) Working capital	(8.9)	1.4			
capital	(-) Reference working capital	9.5	9.5			
adjustments	(+/-) Volume-linked hydrocarbon inventories adjustment	(0.6)	2.3			
Pro forma { adjustments	(+) Other adjustment Items	0.6	0.7			
	Total adjustments	(22.2)	(24.9)	(29.9)	(19.9)	(14.9)
	= Indicative equity value	33.3	30.6	25.6	35.6	40.6
	Total number of outstanding shares (mm) ¹	3,461	3,461	3,461	3,461	3,461
	Indicative purchase price per share (THB)	9.63	8.84	7.40	10.29	11.73

Note: Impact of potential changes is purely illustrative and does not represent any forecast of ETL's operating performance; please refer to *Information Mémorandum on Asset Acquisition* for further details ¹ On a fully diluted basis as of 3Q2022

Sources and uses of funds for the transaction



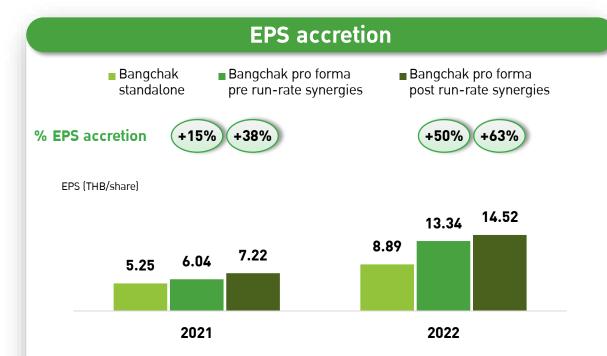


Financing plan

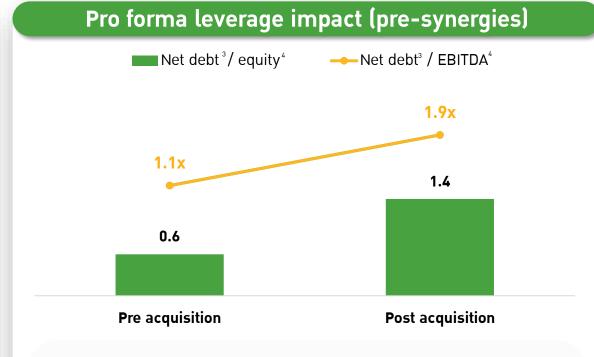
- Transaction fully funded by bank loan
- Bangchak has prepared a loan for the acquisition of ExxonMobil's stake in ETL as well as the tender offer
- Bangchak has additional cash at hand to support funding if needed
- ETL will refinance its related party debt at completion as well as certain third-party debt using loan facilities and the debt capital markets

Significant EPS accretion with sustainable leverage levels





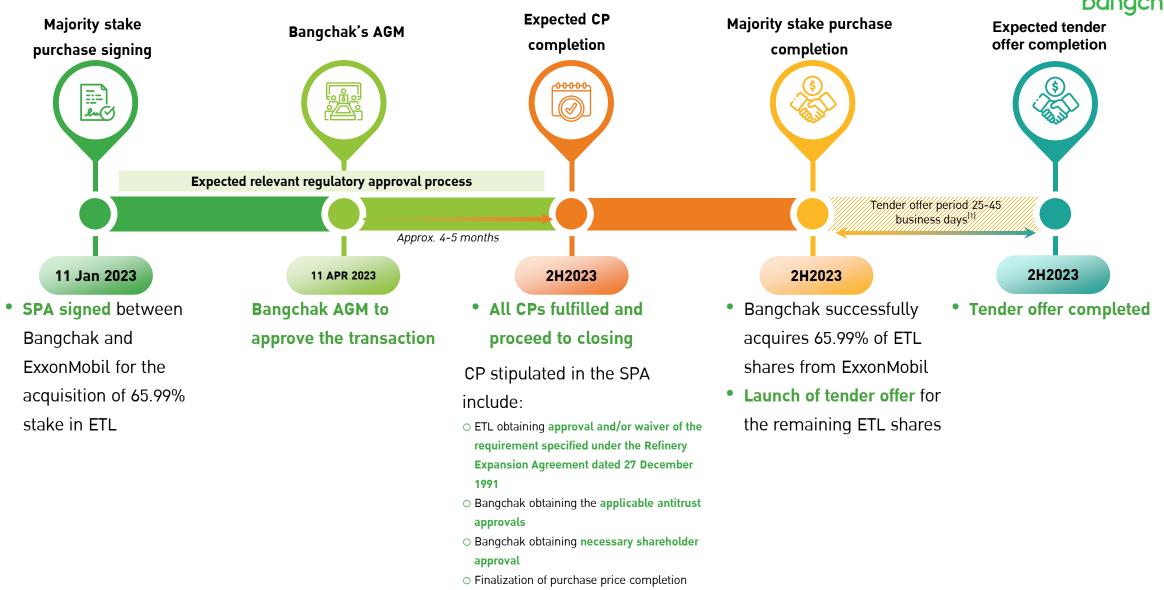
- Figures presented assume 100% acquisition of shares in ETL at the indicative purchase price of THB 8.84 per share
 - Subject to outcome of subsequent tender offer and customary adjustments at completion
- Estimates take into account additional interest expense from financing¹
- Run-rate pre-tax synergies assumed at THB 2-3 bn p.a.²



- Net debt / equity and net debt / EBITDA increase driven by additional debt incurred post acquisition including:
 - Acquisition financing for ETL assuming 100% acquisition
 - Consolidation of the debt of ETL

Update: Indicative timeline and next steps





adjustment



THANK YOU

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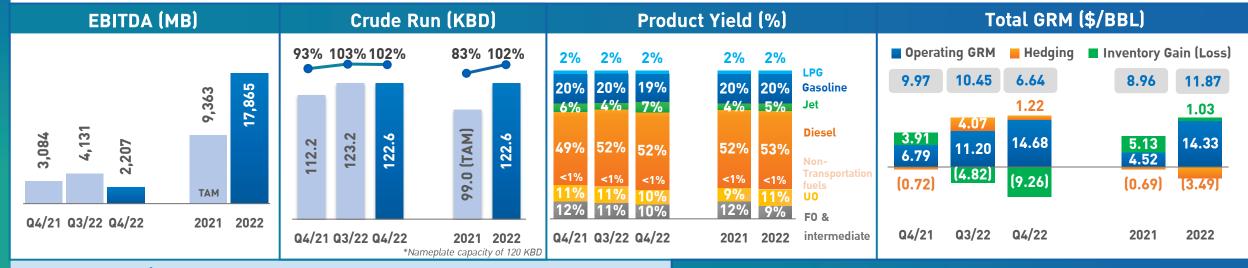
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Refinery and Oil Trading Business





2021 Vs. 2022 Performance

- Following the bullish oil market, Bangchak's refinery continued to have an incentive to maximize the production rate, with utilization rate at peaked level of 103%
- Reported improving operating GRM, supported by strengthening oil demand recovery
 after the unprecedented collapse from COVID-19 together with the global supply
 tightness from uncertainty between Russia and Ukraine
- As global diesel consumption outpaced global oil production, GO spread remained exceptionally high, benefitting Bangchak's refinery where diesel proportion accounted for more than 50% of its refined products
- Inventory loss of 3,818 MB (Net NRV), as global oil price have demonstrated a
 significant downward adjustment throughout the year

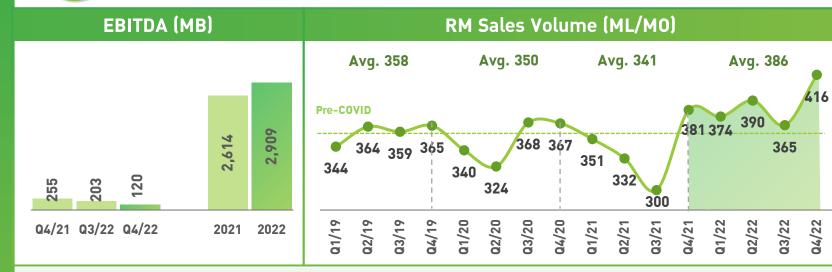
Avg. Crack Spread & Oil Price (\$/BBL)





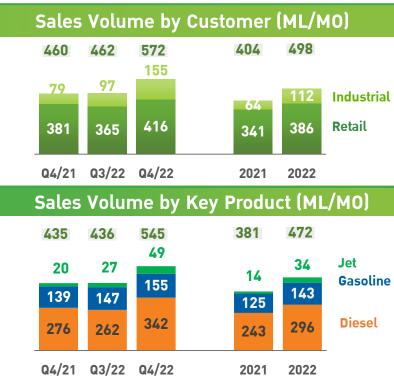
Marketing Business



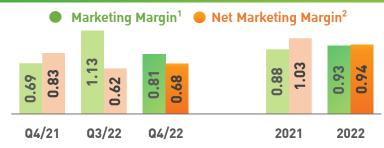


2021 Vs. 2022 Performance

- Total sales volume demonstrated a significant rise, +23% YoY
 - Retail sales volume surged substantially owing to the peaked season, with the all-time high sales record in
 December 2022, together with the relaxation of COVID-19 restrictions remains a driver for oil demand recovery
 - Robust industrial growth benefited from gas-to-oil switching from power plant and industrial sectors as well as a strong rebound in aviation fuel demand
- Marketing margin per unit improved 5% YoY mainly from
 - Higher industrial marketing margin as demand for diesel and lube oil increased, while retail marketing margin also rose slightly from efficient sales management during periods where marketing margins were controlled



Marketing Margin (Baht/Litre)

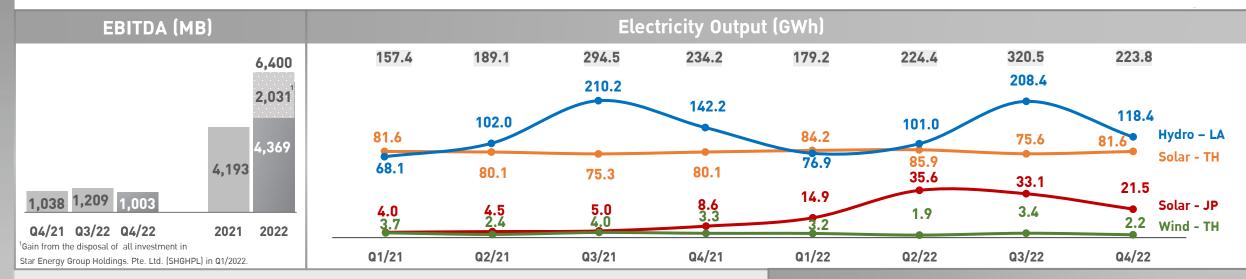


Note: ¹Net Marketing Margin of Bangchak and BGN (<u>excluding</u> inventory gain/(loss) and NRV)

²Net Marketing Margin of Bangchak and BGN (<u>including</u> inventory gain/(loss) and NRV)







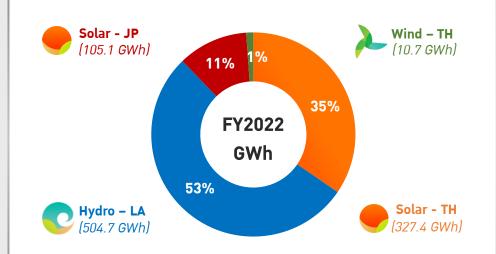
2021 Vs. 2022 Performance

EBITDA improved YoY mostly due to the gain from divestment of geothermal power plant of 2,031 MB **Electricity** sales +8% YoY attributed to the additional COD projects in both Thai and Japan Solar Plants

- Laos hydropower electricity sales -3.4% YoY as the operation have been paused in preparation to transit their electricity output to Vietnam Electricity (EVN) in late Q4/2022
- The commencement of commercial operations of 2 solar power plants in Japan (45 MW in total), Komagane and Yabuki, in late Q1-2022 and early Q2-2022, respectively. In addition to the full-year contribution from Chiba 1, which was acquired in late Q4/2021, led Japan Solar power to surge significantly +373% YoY

Noted: Adder scheme for a 40 MW Thai solar power plants ended in July and October 2022

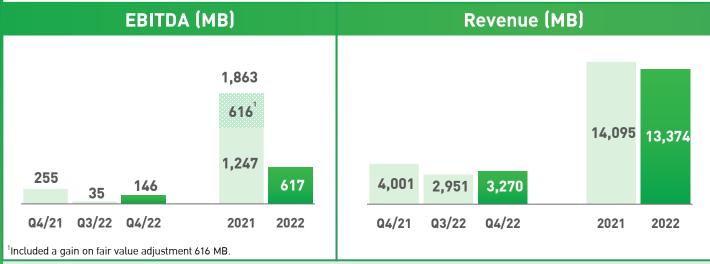
Sellable Output Breakdown by Power Types

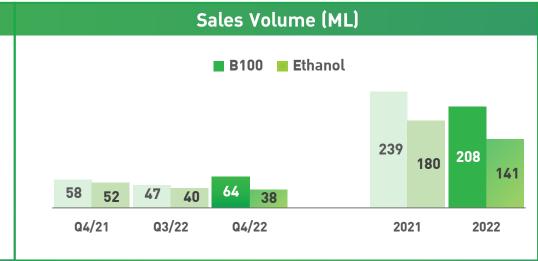




Bio-Based Products Business



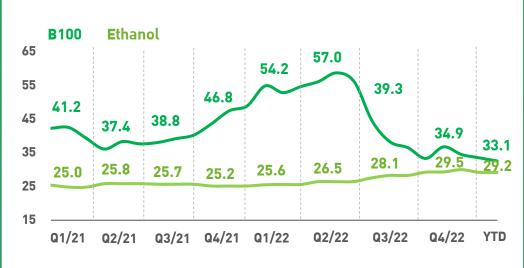




2021 Vs. 2022 Performance

- The Government's decision to decrease the biodiesel blending mandate from B7 to B5 between February and September 2022 weighed down overall biodiesel sales volume, causing a 13% YoY decline in Bio-Based Products business performance. (The blending portion of B100 increased to B7 since October 2022 present.)
- Ethanol business performance also declined YoY due to the main raw materials shortage for ethanol production which led to higher cost
- HVP business recorded a revenue increase of +86% YoY from the launch of new products related to health and well-being as well as the continuing market penetration into new selling channels

Avg. Market Price (Baht/Litre)



Source: EPPO



Natural Resources Business

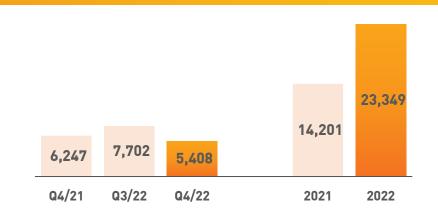


EBITDA¹ (MB) 17,625 4,832 6,064 3,769

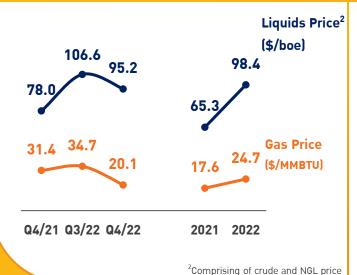


(OKEA has been consolidated as a subsidiary since 1st July 2021)

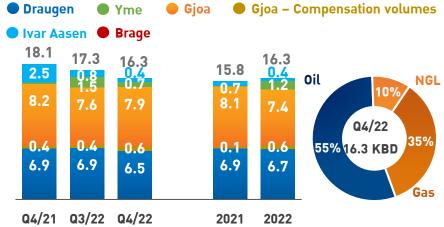
Revenues from Crude Oil and Gas Sales (MB)



Realized Price



Sales Volumes (KB0EPD)



2021 Vs. 2022 Performance

- Another year of record-high for OKEA reflecting in operating income and EBITDA
- The average selling prices of all products surged to a relatively high price level due to
- Higher demand for energy consumption amidst an ongoing uncertainty between Russia and Ukraine situation, coupled with unprecedented price disparities on the European gas market, have contributed to a rise in energy prices.
- The acquisition of a material portfolio of assets from Wintershall Dea, increased production, reserves and resources by 30-40% to the portfolio.

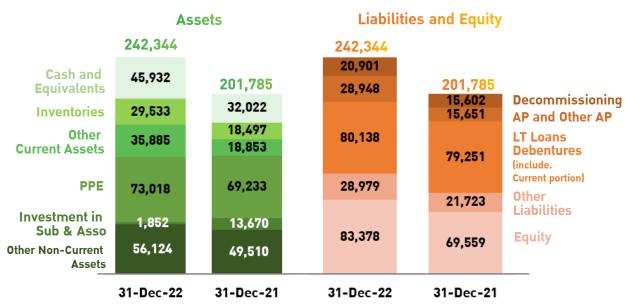
(The transition was completed according to plan on 1 November 2022.)



Bangchak's Financial Position (Consolidated) FY2022



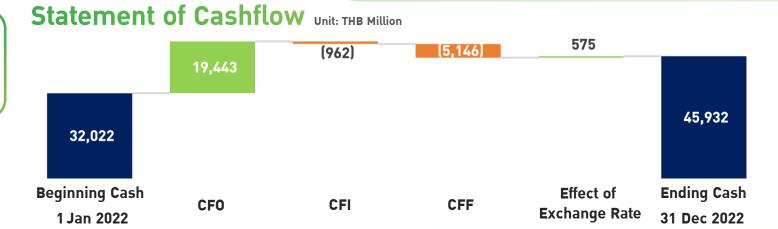
Statement of Financial Position Unit: THB Million



Operating Profit Unit: THB Million



- Assets + 40,559 MB (+20%)
- Liabilities + 26,740 MB (+20%)
- Equities +13,819 MB (+20%)



EBITDA Structure (Consolidated)



Unit: THB Million	Q4/2022	Q3/2022	QoQ	Q4/2021	YoY	2022	2021	YoY
Total Revenue	84,583	74,767	13%	66,762	27%	312,202	199,417	57 %
Refinery and Trading Business 1/	74,664	62,137	20%	56,544	32%	270,268	173,644	56%
Marketing Business ^{2/}	53,892	44,694	21%	36,362	48%	184,938	117,268	58%
Power Plant Business ^{3/}	1,267	1,544	-18%	1,232	3%	5,405	4,669	16%
Bio-Based Products Business 4/	3,270	2,951	11%	4,001	-18%	13,373	14,095	-5%
Natural Resources Business and New Business Development $^{5/}$	5,486	7,776	-29%	6,271	-13%	23,583	10,093	134%
Others	(53,995)	(44,334)	22%	(37,647)	43%	(185,365)	(120,352)	54%
Accounting EBITDA	6,951	11,487	-39%	9,281	-25%	44,724	25,818	73%
Refinery and Trading Business	2,207	4,131	-47%	3,084	-28%	17,864	9,363	91%
Marketing Business	120	203	-41%	255	-53%	2,909	2,614	11%
Power Plant Business	1,003	1,209	-17%	1,038	-3%	6,400	4,193	53%
Bio-Based Products Business	146	35	321%	255	-43%	617	1,863	-67%
Natural Resources Business and New Business Development	3,769	6,064	-38%	4,832	-22%	17,625	8,251	114%
Others	(294)	(155)	90%	(184)	60%	(691)	(466)	49%
Profit attributable to owners of the Company	473	2,470	-81%	1,756	-73%	12,575	7,624	65%
Earnings (Loss) per share (Baht)	0.26	1.73		1.20		8.89	5.25	

Note: 1/ EBITDA from Refinery and Trading Business of the company (BCP), BCP Trading Pte. Ltd. (BCPT), Bangchak Fuel Pipeline and Logistic Co., Ltd. (BFPL), BSGF Co., Ltd (BSGF) and others

^{2/} EBITDA from Marketing Business of the company (BCP), Bangchak Green Net Co., Ltd. (BGN), Bangchak Retail Co., Ltd., (BCR) and others

^{3/} EBITDA from Power Plant Business of BCPG Plc. (BCPG Group)

^{4/} EBITDA from Bio-Based Products Business of BBGI Plc. (BBGI Group)

^{5/} EBITDA from Natural Resources Business and New Business Development of OKEA ASA (OKEA), BTSG Co., Ltd. (BTSG), BCP Innovation Pte. Ltd. (BCPI) and others





Consolidated Statement of Income (THB Million)	Q4/2022	Q3/2022	QoQ	Q4/2021	YoY	2022	2021	YoY
Revenue from sale of goods and rendering of services	84,584	74,767	13%	66,762	27%	312,202	199,417	57%
Cost of sale of goods and rendering of services	(78,063)	(65,491)	19%	(57,473)	36%	(265,933)	(175,744)	51%
Gross Profit	6,521	9,276	-30%	9,289	-30%	46,269	23,673	95%
Other income	578	455	27%	228	154%	1,854	1,278	45%
Selling and administrative expenses	(3,352)	(2,109)	59%	(2,466)	36%	(9,204)	(7,152)	29%
Exploration and evaluation expenses	(679)	(88)	899%	(344)	97%	(1,188)	(516)	130%
Gain (loss) from derivatives	1,147	1,459	-21%	133	762%	(5,136)	(1,274)	303%
Gain (loss) on foreign exchange	242	215	N/A	(76)	N/A	1	250	N/A
Gain (loss) from fair value adjustment of investment	-	5	N/A	(4)	N/A	10	614	N/A
Gain from sale of investment	-	-	N/A	(2)	N/A	2,031	120	N/A
Loss from impairment of assets	(786)	(2,214)	N/A	(1,758)	N/A	(2,433)	(1,358)	N/A
Profit (loss) from operating activities	3,671	7,019	-48%	5,000	-27%	32,204	15,635	106%
Finance costs	(1,005)	(1,093)	-8%	(809)	24%	(3,977)	(2,539)	57%
Impairment gain and reversal of impairment loss (impairment loss) determined in accordance with TFRS 9	[8]	1	N/A	(29)	N/A	(411)	(30)	N/A
Share of profit (loss) of associates and joint ventures accounted for using equity method	5	42	N/A	158	N/A	188	1,041	N/A
Profit (loss) before income tax expense	2,663	5,969	-55%	4,320	-38%	28,004	14,106	99%
Tax income (expense)	(1,410)	(3,062)	-54%	(1,756)	-20%	(12,852)	(4,263)	201%
Profit (loss) for the period	1,253	2,907	-57%	2,564	-51%	15,152	9,843	54%
Owners of parent	473	2,470	-81%	1,756	-73%	12,575	7,624	65%
Non-controlling interests	780	437		811		2,577	2,221	
Basic earnings (loss) per share (Baht)	0.26	1.73		1.20		8.89	5.25	





	Q4/2022	Q3/2022	Q4/2021	2022	2021
Profitability Ratios (%)					
Gross Profit Margin	7.71%	12.41%	13.91%	14.82%	11.87%
EBITDA Margin	8.22%	15.36%	13.90%	14.33%	12.95%
Net Profit Margin	1.48%	3.89%	3.84%	4.85%	4.94%
Return of Equity (ROE)	21.65%	24.11%	15.27%	21.65%	15.27%
Efficiency Ratio (%)					
Return on Assets (ROA)	14.40%	15.76%	9.51%	14.40%	9.51%
				2022	2021
Liquidity Ratios (Times)					
Current Ratio				2.33	2.03
Quick Ratio				1.45	1.40
AR Turnover				27.42	26.29
Collection Period (days)				13	14
AP Turnover				19.21	18.61
Payment Period (days)				19	20
Leverage Ratios (Times)					
Debt to Equity				1.91	1.90
Interest bearing Debt to Equity				0.97	1.16
Net Interest-bearing Debt to Equity				0.41	0.69
Release of Debenture Ratio (Times)					
Net Debt to Equity				0.37	0.59

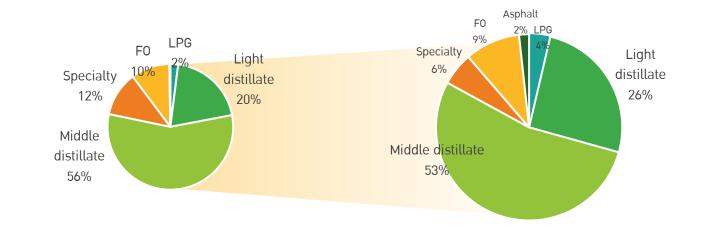
Integrated and well-balanced fuel supply and retail portfolio



Product yields¹

Sales volumes¹

Bangchak Post-acquisition





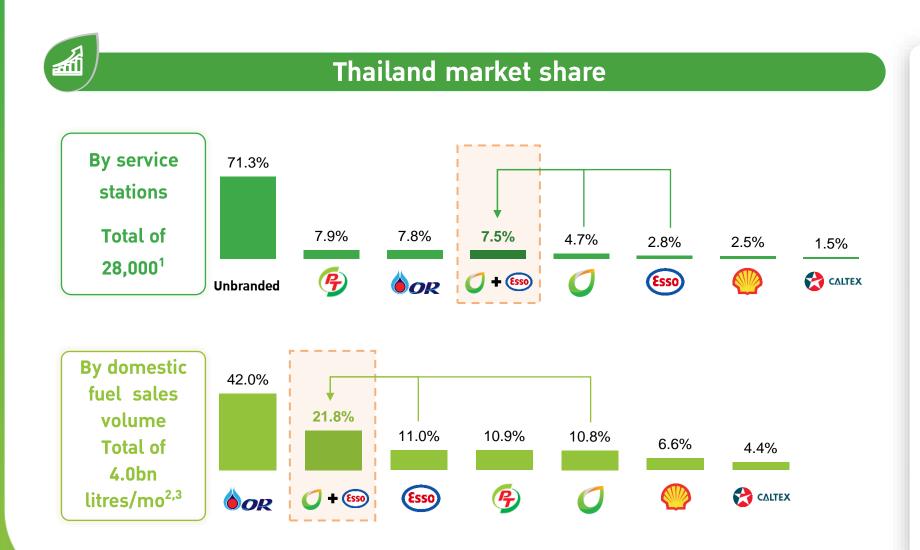
Bangchak's sales volume: 677mm litres/mo (equiv. to 140 KBD)

Pro forma sales volume²: 1,383mm litres/mo (equiv. to 286 KBD)

- Acquisition enhances
 Bangchak's self sufficiency
- Complements Bangchak's current production yield and enhances production of high value specialty products
- Provides an entrance to the profitable asphalt market and product blending
- Improves footprint in the wholesale and industrial markets
- Ability to optimize product yield to market demand dynamics

Create the leading Thai integrated R&M player...





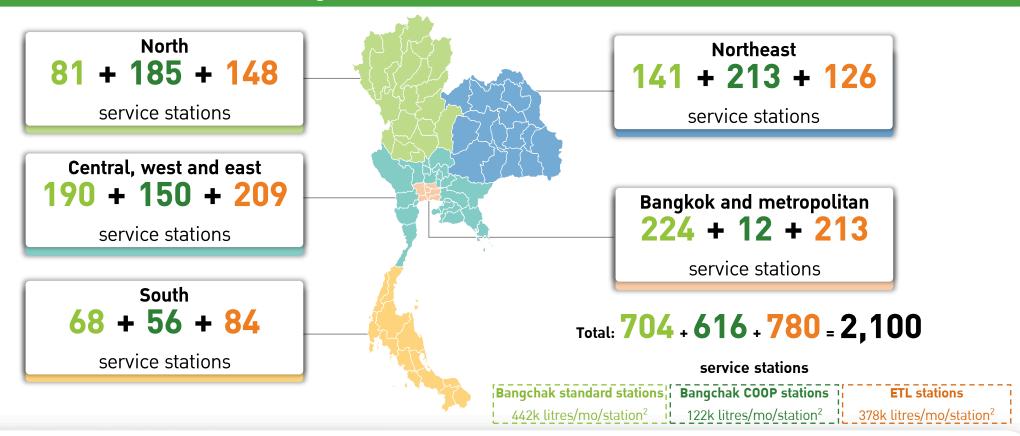
- Long-standing history in the
 Thai market, with strategic
 locations in prime
 areas, most of which are
 company-owned service
 stations
- Leverage sizeable ETL
 customer base of
 3.5mm+⁴ to generate
 further growth and cross-selling opportunities
- Enlarged platform for Bangchak's biofuels and lubricants

... with a strong national footprint and opportunities to expand retail experience





Bangchak + ETL's retail stations¹



- Complementary fuel retail portfolio with limited overlaps
- Potential to optimize fuel distribution channels and improve throughput per station of ETL
- Unique opportunity to implement and grow Bangchak's retail experience business

Note: ¹As of September 2022; ² As of LTM September 2022

Pathway to Net Zero 2050







Breakthrough Performance

3

Efficiency and Process Improvement = 30%

C

Conserving Nature and Society

1

Green and Blue Carbon = 10%





Proactive Business Growth and Transition

6

Green Portfolio, Future Technology and Carbon Offset = 60%



SCAN

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(free of charge)



Net Zero Ecosystem

Ecosystem Creation