

Bangchak Corporation Public Company Limited is a Thai energy company engaging in business alongside

social and environmental stewardship.

Its core business - petroleum refining - spans procurement of crude oil from domestic and overseas sources and refining it into various standard products. With a current production capacity of 120,000 barrels per day, Bangchak distributes its refined products to over 1,000 retail stations around the country. It has also spread its wings to other businesses, including power production from solar energy (solar farm) - a green source of energy from nature, biomass energy, petroleum exploration and production, and innovation-oriented businesses. Bangchak's mission is to enhance energy security, while investing in new businesses to keep the organization moving forward and ensure sustainability.

Natural Resources



BCP Group



Bio-based Products Business



Refinery and Trading **Business Group**



Green-power **Business**



evolving Preenovation

2017

2016

- · Company name change to **Bangchak Corporation Plc.**
- · BCPG expension to wind & Geothermal power 2015 plant business
- Acquired BCPG Japan
- Successful IPO of BCPG
- · Set up Trading Businesses
- · Set up Bangchak Retail
- · Restructured Green Power Plant Business for IPO
- BCP Innovation

2014

2013

- · Fully operated of all Solar **Power Plant** (118 MW PPA)
- Expanded to E&P Business

Operated Solar Power Plant Phase 2

(32 MW PPA)

2012

Operated Solar Power Plant Phase 1 (38 MW PPA)

2009

2002

- Complex Refinery
- · Biodiesel Business
- Launched **Biofuel Product**

1984

1994

IPO Listing

1990

Opened 1st service station with co-op

Established "Bangchak"





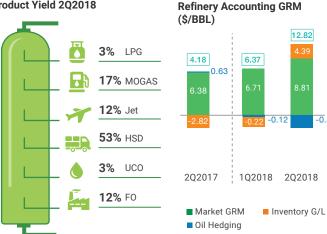
FACT SHEET 2Q2018 Performance

BUSINESS PERFORMANCE

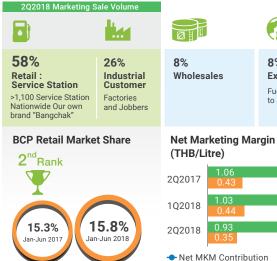
Refinery Business

Nameplate Capacity: 120 KBD Crude sourcing: Sweet Crude

Product Yield 2Q2018



BCP Trading Channels







8% Export

Fuel Oil exported to Japan

Net Profit*

TRIS

Α

Stable

Refinery Business

■ Marketing Business

■ Solar Power Business ▲ 19%

51%

v 31%

* Other was defined as EBITDA from BCPE, BCPI and others

EBITDA Performance



Earning Per Share

Biofuel Business

E&P Business

Other*



v 44%

v 46%

v 21%

Green Power Plant

Q2/2018 Electricity Sales of Solar Power Plant Total 81.58 M.kWh

- Thailand 66.70 M.kWh
- Japan 14.89 M.kWh

Capacity (MWPPA): Solar power





Wind power



14.4 MW



Natural Resources

E&P



Nido Petroleum Limited is a South East Asian focused oil and gas exploration and production company, headquartered in Perth, Australia

Lithium Mining

BCP hold 15.9 %

Lithium Americas (LAC) is a Toronto Stock Exchange listed, which holds interests in the Cauchari-Olaroz lithium project in Argentina, and the Kings Valley lithium project in northwestern Nevada.



BIO-Based Products



Biodiesel Business Production Capacity:

930 K.L/day(BBGI hold 70 %) Production Rate (Q2/2018) 675 K.L/dav

Ethanol Business

■ Net Retail Margin ■ Net Industrial Margin

Production Capacity: 900 K.L/day

BBE 150 K.L/day (BBGI hold 85 %)

Production Rate(Q2/2018): 96 K.L/day

KGI litre/day 350 K.L/day

(BBGI hold 100 %)

Production Rate(Q2/2018): 336 K.L/day

UBE litre/day 400 K.L/day

(BBGI hold 21.28 %)

Production Rate(Q2/2018): 237 K.L/day

Liabilities & Equity Assets 49.070

Debentures

37%

13,991

Stock Information



Dividend Payment Unit THB per Share



Shareholding Structure

As of 14 Mar 2018



14.66%

Net IBD/Equity

Long-Term

Unit: THR Million

Debt Portion

Current Ratio

Total

37,642

L/T Loan

63%

23.652