

# BANGCHAK CORPORATION PUBLIC COMPANY LIMITED

**COMPANY PROFILE Q3/2023** 











Bo, Based Products Business

# WHAT GUIDE US

**VISION** 

Crafting a Sustainable World with Evolving Greenovation

#### **MISSION**

We commit to accelerate sustainable energy transition, while balancing energy security. We are energizing lives through greenovative solution and promoting ESG for all.











# **BUSINESS STRATEGIES**

To achieve its short-term and long-term goals, Bangchak relies on the 4Ss Strategy.





Security to secure national energy supply focusing on building of energy security and accessibility for all people by executing business strategy in key focus areas consisting of oil refinery and marketing, green power businesses, and natural resource business to meet demands of the business and people.

## S2 Synergy

Synergy to transform and co-creation with synergistic on products and services across each business unit focusing on pursuing of businesses consistent with Bangchak expertise and align with core business units (S1), such as oil & gas logistics and trading businesses, energy utilities & infrastructure, food & beverage, and mineral mining to optimise income and create synergistic value of portfolio.

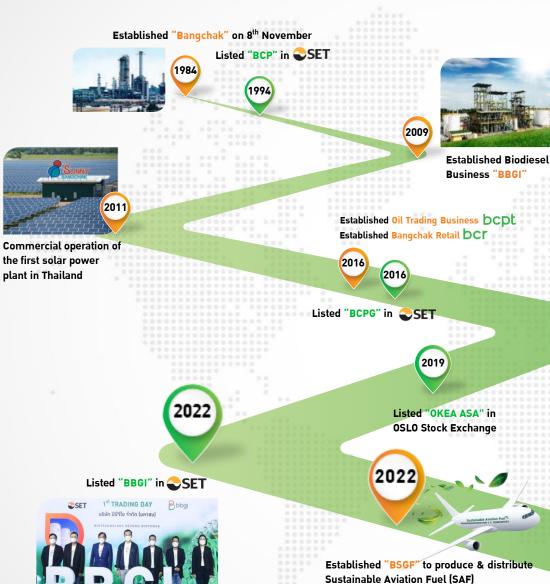
# S3 Sustainability

Sustainability to accelerate green portfolio inclusion eco-friendly businesses with Net Zero/Carbon Neutrality targets focusing on investment in clean and green businesses to support company operation in a sustainable way and to cope with global climate challenges.

# S4 Scalability

Scalability to reform revenue stream with new S-curves business for long term growth focusing on exploring and creating new businesses with high growth or high potential markets as a new growth engine that create an impactful contribution to the group and to prepare for disruptive technology, emerging risks, and market volatilities.

## **40 YEARS TOWARDS SUSTAINABLE GROWTH**





Acquired right over the pipeline network capacity and terminal systems through "BFPL"





Listing activity

**New business** 

Invested 76.34% in ESSO (Thailand), Taking A Leading Spot in the Country's Refinery Business, along with a Network of over 2,200 Service Stations



2023

## **MANAGEMENT TEAM**



Mr. Chaiwat Kovavisarach Group Chief Executive Officer and President, Executive Director, Director with Authorized Signature



Mr. Somchai Tejavanija Chief Marketing Officer & Senior Executive Vice President, Marketing Business Group



Mr. Pativat Tivasasit Chief Operation Officer, Refinery Business Unit



Ms. Phatpuree Chinkulkitnivat Chief Financial Officer and Senior Executive Vice President, Accounting and Finance



Senior Executive Vice President, Corporate Management and Organization Development



Mr. Thamarat Paryoonsuk Senior Executive Vice President. Refinery Business Group



Mr. Bundit Hansapaiboon Senior Executive Vice President, appointed to **BSRC Public Company Limited** 



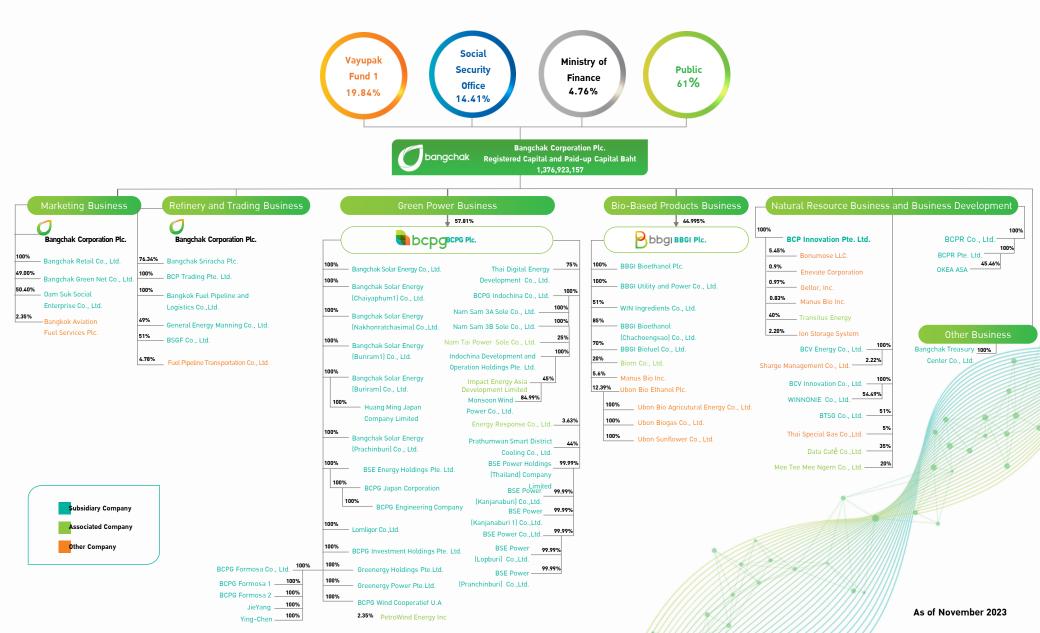
Senior Executive Vice President.

Mr. Phuwadon Suntornwipart appointed to BCPG Public Company Limited



Mr. Kittiphong Limsuwannarot Senior Executive Vice President. appointed to BBGI Public Company Limited

## SHAREHOLDING STRUCTURE



# **BANGCHAK'S BUSINESS PORTFOLIO**

Bangchak Corporation Public Company Limited, a Thai energy company engaging in business alongside social and environmental stewardship, aims to enhance national energy security with innovation-oriented businesses. This goal is to strengthen business continuity and develop sustainability for organization and Thai society. Currently, the Company covers 5 main businesses from upstream to downstream.



#### Refinery and Trading Business Group

Complex refinery with capacity of 120 KBD. Yields are mostly premium products in the gasoline and diesel groups and are of the government-required Euro 5 standard.

Bangchak refinery focuses on improving process energy stability and enhancing the efficiency of refining processes for optimal benefits and integration with own distribution channels.





#### **BSRC Business Group**

Complex refinery with capacity of 174 KBD and the adjoining petrochemical facilities work together to produce higher-value fuels and chemical products at a competitive cost.





#### **Marketing Business Group**

Distribution channels through industrial and retail channel of more than 2,200 service stations, completed with supplementary non-oil businesses and various services and products, including convenience stores, coffee shops, car care service, and lubricants, to provide customer convenience.





#### Clean Power Business Group

Bangchak invests in the green power business through BCPG PLC. **BCPG** runs the power generation businesses in Thailand and overseas from various sources including solar, wind and hydropower.





# Bio-Based Products Business Group

Bangchak engages in bio-based product business, including ethanol and biodiesel through BBGI PLC., BBGI is one of Thailand's largest biofuel producer and distributor, while aims to become a leader in premium bio-based products and biotechnology business.





# Natural Resources and New Business Group

Bangchak invests in upstream petroleum exploration and production (E&P) business through **OKEA ASA**, and involves in the lithium business and innovation businesses outside Thailand.





# REFINERY AND TRADING

# **BUSINESS GROUP**

Complex refinery with capacity of 120 KBD. Yields are mostly premium products in the gasoline and diesel groups and are of the government-required Euro 5 standard. Bangchak refinery focuses on improving process energy stability and enhancing the efficiency of refining processes for optimal benefits and integration with own distribution channels.



Complex refinery with capacity of

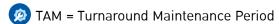
120

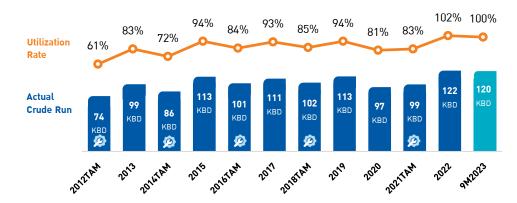
KBD

#### PHRA KANONG REFINERY CHARACTERISTIC

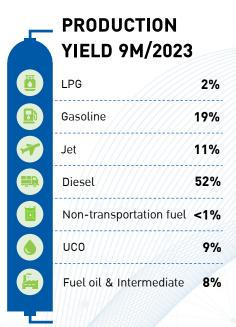


#### **PRODUCTION PROFILE**





# to produce high quality and environmental friendly products Bangchak Refinery uses > 20 different crude sources Crude Feed 9M/2023



# TURNAROUND MAINTENANCE CYCLE EXTENSION

From every other year, the schedule has become



#### INTEGRATED LOGISTICS NETWORK



# **DSTC BUSINESS GROUP**

ESSO Thailand public company limited, has a complex refinery and the adjoining petrochemical facilities work together to produce higher-value fuels and chemical products at a competitive cost. Our operations division continuously seek opportunities to enhance margins and reduce costs with improvement projects.



Refinery with capacity of

174

KBD

#### **SRIRACHA REFINERY CHARACTERISTIC**



Complex refinery with capacity of 174 KBD



Fluidized Catalytic Cracking (FCC)



Located near Laem Chabang deep sea port, Chonburi



Petchem-Asphalt Refinery Flexible Operation mode with 50,000 Tons of Paraxylene



# BANGCHAK'S VISIONARY FOR LONG-TERM STRATEGY



# PHRA KHANONG REFINERY

- Complex refinery with capacity of 120 KBD
- Producing high value specialty products

# REFINERY **DSTC**

- Complex refinery with capacity of 174 KBD
- Located near Laem
   Chabang deep sea port

#### TRADING BUSINESS



BCP Trading Pte. Ltd.

BCP Trading, one of leading independent oil trader in Singapore

- Over 20 countries for trading network
- More than 100 counterparties worldwide
- Expanded into Biofuel trading

# REFINERY OPTIMIZATION SYNERGY ENTERPRISE

#### rose

- Optimization and synergy services
- Commercial services

#### SAF PRODUCT

# bsgf

Bangchak Sustainable Green Fuel

The first and the only one SAF production in Thailand with capacity of 7 KBD

#### **LOGISTICS BUSINESS**

# bfpl

Bangkok Fuel Pipeline and Logistics Co., Ltd.

- Logistic network of pipeline, terminal, trucks and vessels.
- Expansion of terminal hub and fuel transportation to cover all parts of Thailand



# **BUSINESS GROUP**

Main distribution channel of oil and lubricant products through more than 2,200 service stations nationwide, and directly sell to industrial sectors, as well as providing supplementary non-oil businesses

#### BANGCHAK'S MARKETING CHARACTERISTIC



Aiming to maintain its service standards to guarantee maximum satisfaction from consumers. Done by turning Bangchak service stations into the "Greenovative Destination"



Emphasizing great customer experience with non-oil business and various services including Inthanin coffee shops, partner stores, and centers for lubricant replacement and car wash



Marketing products to airlines, industrial, transport, construction and agricultural sectors

improvement of high-performance

renewable fuels, embracing the

environmentally friendly

gasohol and diesel products

distribution

Focusing on

**Total Service** Stations Under Bangchak Group

Service Stations Service Stations **Under BCP Under BSRC** 

Inthanin **Stations** 



As of September 2023



#### **SERVICE STATIONS**

as of September 2023



**2,203**Total Service
Stations



#### **CURRENT NETWORK OPTIMIZATION**

To enhance consumer experiences

- Employ technology to advance Loyalty Program
- Develop high-performance environmentally friendly products
- Upgrade standard of customer services

#### **NETWORK EXPANSION**

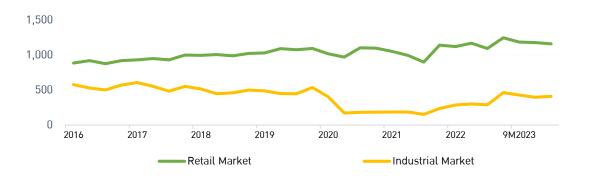
Focus on high potential areas, with service stations of distinguished character, harmoniously customized to customer needs

#### **NON-OIL BUSINESS EXPANSION**

To attract more customers and support modern consumer lifestyles

#### **TOTAL SALES VOLUME**

Sales volume has recovered to pre-COVID level [Unit: ML/Quarter]



#### **NON-OIL BUSINESS**

as of September 2023

Focus on expanding and developing businesses such as coffee shop, convenient stores, and car care services to enhance customer experience and induce more customers to Bangchak service stations. It became a crucial part to the expansion plan of marketing business group.

1,026
Inthanin coffee shops



With more than 1,000 Inthanin coffee shops nationwide, both in service station and stand alone, serve 100% Arabica coffee beans roasted with specific process while giving back to the community and environment nationwide







Bangchak invests in the green power business through BCPG PLC. with 57.81% shareholding portion. BCPG, established in 2015 and listed in 2016, is among Asia-Pacific's leading companies in renewable energy with solar power, hydropower, wind power and natural gas businesses in Thailand, Japan, Taiwan, Laos, Vietnam, Philippines and the United States of America. By 2025, BCPG will be a prominent renewable energy player in Asia Pacific with sustainable growth.

World's
Greenergy Icon

Evolving the world though the green ways

## **Empowering Green Lifestyle**

**Green Expanded** 

**Green Innovations** 

Green Target

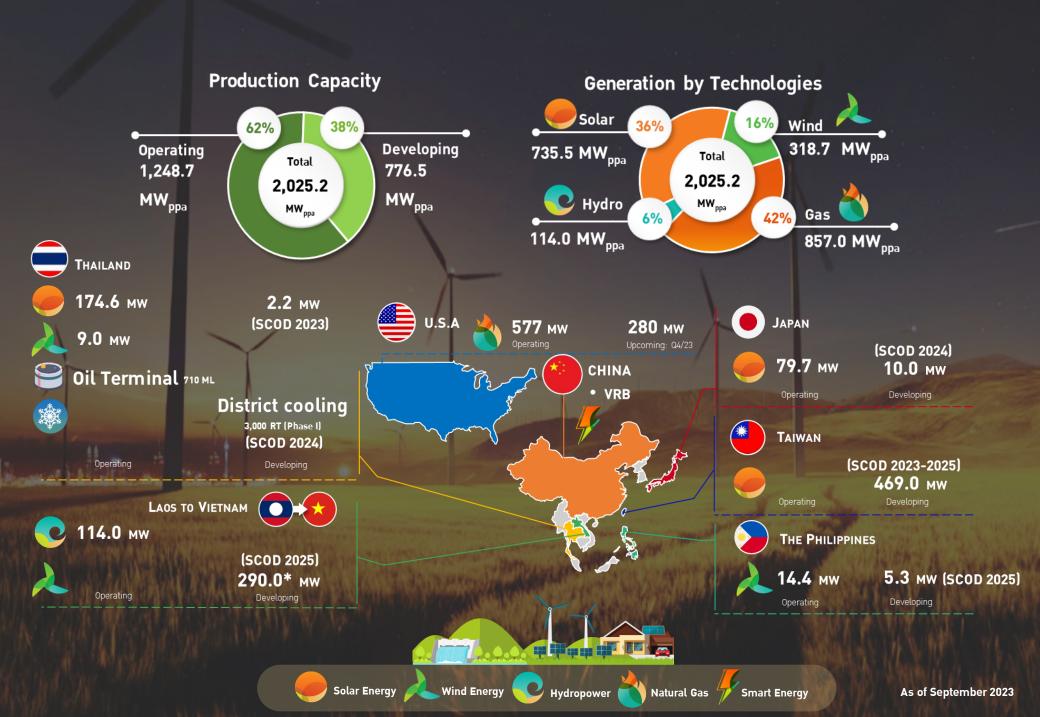
Continue to expand its green power production in the Asia-Pacific region by over 3,200

GWh per year.

Build confidence and strength in financial position to support both short-term and long-term investment plans. Continue investments in large energy storage system businesses to manage the use of electricity generated by green energy and to support future trends

Commit to developing green energy innovations to respond to sustainable energy consumption and environmentally-friendly lifestyles

Set a net-zero carbon goal by 2030 to extend a balanced world to future generations





# BIO-BASED PRODUCTS BUSINESS GROUP

Bangchak engages in bio-based product business, including ethanol and biodiesel through BBGI PLC., with 45.00% shareholding portion BBGI is No. 1 biofuel producer and distributor in Thailand, and aims to become a leader in premium bio-based products and biotechnology business.



**BBGI** has became a listed company in the Stock **Exchange of Thailand since** 17 March 2022.

#### **Biodiesel Business**

Biodiesel is alternative fuel to replace diesel fuels produced which from natural raw materials and it is regarded as environmentally friendly clean energy.

#### **Bioethanol Business**

Ethanol or ethyl alcohol is one of alcohols originated from the fermentation of molasses or flour plants. It is clear, colorless liquid which is inflammable and dissolvable in water and other organic solutions. So, it is variously useful by grades of the products.

#### **High Value Bio-Based Products**

The group company expects to continue investing in this business sector with the focal area that are acknowledged by government, for example, the Special Economic Zone for any benefits it may cause. The group company is waiting for more research and development of the Biofuel by-product to generate profits

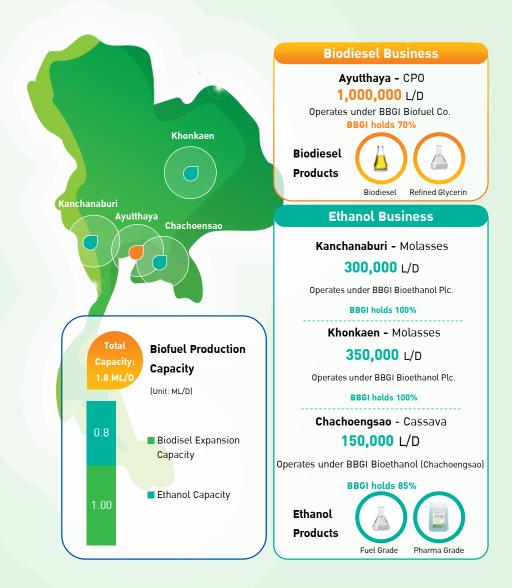






#### **Biofuel Business**

#### No.1 Fully Integrated Biofuel Producer in Thailand



## **High Value Bio-Based Products**

Leading and Pioneering in Thailand

Synthetic Biology





# OKEA ASA Listed in Oslo Stock Exchange

- A Norway-based oil company engaged in the oil and gas exploration and production industry
- Listed in Oslo Stock Exchange since June 2019

# BCPR holds 45.44%

As of September 2023

(BCPR is one of the subsidiaries in Bangchak Group, wholly owned 100% by BCP

# **Current Asset in Production**



44.56% Draugen Operator: OKEA



12% Gjoa



**15%** Yme



35.2% Brage Operator: OKEA



6% Nova



9.24% Ivar Aasen

#### **New Acquisitions**



14% Statfjord Øst



**15%** Sygna Unit

Unit



28% Statfjord Nord



\* Expected Completion in Q4/2023

#### STRENGTHENING A MORE ROBUST AND DIVERSE PRODUCTION PORTFOLIO IN NORWEGIAN CONTINENTAL SHELF

2P Reserves (mmboe)

60

+68%

**Production** 

Okea Base 2023

After Acquisition

2023 exit rate: 22-25 Kboepd

2023 After Aquisition: 35-40 Kboepd

## **Lithium**Americas

Cauchari-Olaroz project in Argentina: Construction underway with the first production targeted within 2023

BCP holds offtake rights of lithium carbonate up to





# BANGCHAK INITIATIVE AND INNOVATION CENTER (BiiC)

BiiC explores opportunities for collaboration with various partners to develop business innovation that will generate new income and profit. BiiC is divided into groups, as follows



#### **Corporate Venture Capital (CVC)**

Invest in global innovative and disruptive startups to create new strategic partnerships and business opportunities for Bangchak Group. Its investments has extended from green energy and bio-based businesses to hydrogen economy and carbon capture & utilization.



#### Research and Development (R&D)

Collaborate and fund research institutes and universities for joint research and development of innovative products in the field of green and bio-based technology, as well as intellectual property protection.



#### Ecosystem and Incubation (E&I)

Create an ecosystem to support innovation through collaboration and incubate the growth of internal and external startups to create new customer experiences, increase revenue and efficiency for Bangchak businesses.



#### Winnonie

#### New commercial startup from BiiC

An electric motorcycle rental platform for professional purpose that help cut the conventional costs of motorcycle payments, fuel, and maintenance into a singular all-inclusive rental service.



# **Each Award**

#### Further strengthens our commitment to develop and improve

Each award, each ranking, is a mark of trust at the national, regional, and global level.

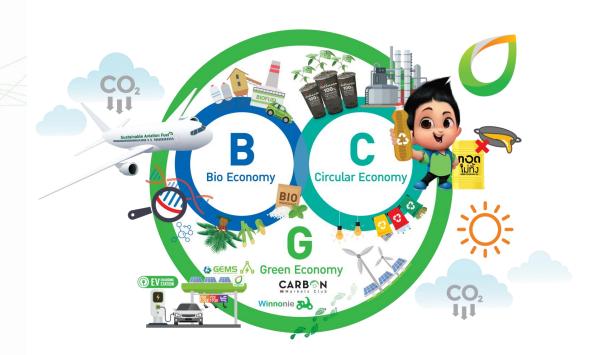
Corporate Governance and Sustainability – 6 Awards | Leadership and Management – 10 Awards |
Innovation – 5 Awards | Corporate Image and Branding – 3 Awards |
Environmental and CSR – 2 Awards | Finance and Investor Relations – 1 Award |
Human Resource Management – 2 Awards | Quality, Safety and Other – 5 Awards | 5 Certificates

- 1 Her Royal Highness Princess Maha Chakri Sirindhorn's Trophy for Sustainable Development Excellence at the Thailand Corporate Excellence Awards 2022
- 2 UN Women 2022 Thailand WEPs Awards – The First Runner-Up in the Transparency and Reporting Category
- 3 Sustainability Awards of Honor at SET Awards 2022

- 4 South East Asia MIKE Award (The Most Innovative Knowledge Enterprise) – Gold Level
- 5 HR Asia Best Companies to Work for in Asia 2022 – Thailand Region
- 6 Best Environmental Responsibility
- 7 Foundation for Thai Society Thai Awards – Organization of Excellence 2022
- 8 Thailand Top CEO of the Year for the Energy and Utilities Industry

- 9 Asia's Best CEO (Investor Relations) - Chaiwat Kovavisarach, Group Chief Executive Officer and President, Bangchak Corporation Public Company Limited
- 10 Asia's Best CFO (Investor Relations)
   Surachai Kositsareewong,
   Senior Executive Advisor
- 11 Foundation for Thai Society Thai Awards
   Best Practice Awards 2022
- 12 Superbrands Thailand 2022
- 13 Asia's Best CSR
- 14 Best Investor Relations Company

# Bangchak has adopted the "BCG Economy Model" to create profits, values and sustainability for the Company and stakeholders.



#### Bio Economy

Focusing on the productive use of biological resource through the use of technology and innovation to transform agricultural products to high-valued biological products

#### Circular Economy

Emphasizing the worthwhile use of resources, raw materials, and products

#### Green Economy

focusing on overcoming environmental issues and mitigating their impacts sustainably

#### **Sustainable Development Goals**























# Bangchak Pathway to Net Zero 2050



Target Carbon Neutrality by 2030





Target Net Zero by 2050



reakthrough Performance



**Energy Intensity Index: EII** 

90.5



Emphasizes high quality production processes, efficiency enhancements for Low Carbon

Niche Product
 Furnace Coating
 Solar Roof

Conserving Nature and Society 10%



100,000 tco 2 e/y in 2030 onward

Focusing on Agricultural, reforestation and Mangrove reforestation campaigns



Green Portfolio, Future Technology, 👩 🔱 **Carbon Capture and Utilization** Partnering with





**EV-Bike Platform & Battery Swapping Station** 

FY 2022 : 422 user, 100 stations



© 22,000 Users 1,000 Stations in 2025



Sustainable Aviation Fuel Producer

7 KBD or 1 ML/D COD Q4/2024

Co, Reduction 80% Compared to Conventional JET Fuel



One-Stop Solution Provider For LNG Supply & Integrated system for logistic and industrial customer





BFPL's fuel transportation business.

providing low-carbon fuels





Carbon credit linked FX with Kasikorn Bank



## STOCK INFORMATION



**Bangchak Corporation Public Company Limited** 

As of 30 Sep 2023

Resources/Energy & Utilities SET100 / SETCLMV / SETTHSI

**Establish Date** 08/11/1984

Paid-up (MB.)

**Listed Date** 

Par

Foreign Shareholder

1,376.92

02/08/1994

1.00 Baht

15.47%

Market Cap (MB.) Price (THB/Share) 52 Week High/Low NVDR Shareholder

56,798.08

41.00

41.75 / 28.75

16.17%





















0.40

**20**20

(5.50)

















#### **BANGCHAK CORPORATION PUBLIC COMPANY LIMITED**

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Email: ir@bangchak.co.th



**Corporate Website** 



**IR Website** 

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