



OPPORTUNITY DAY

FY2024 Earning Results &
Business Update

MARCH 4, 2025



WWW.BBGIGROUP.COM

Disclaimer



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Agenda



BUSINESS HIGHLIGHTS



PROJECT UPDATE



INDUSTRY UPDATE



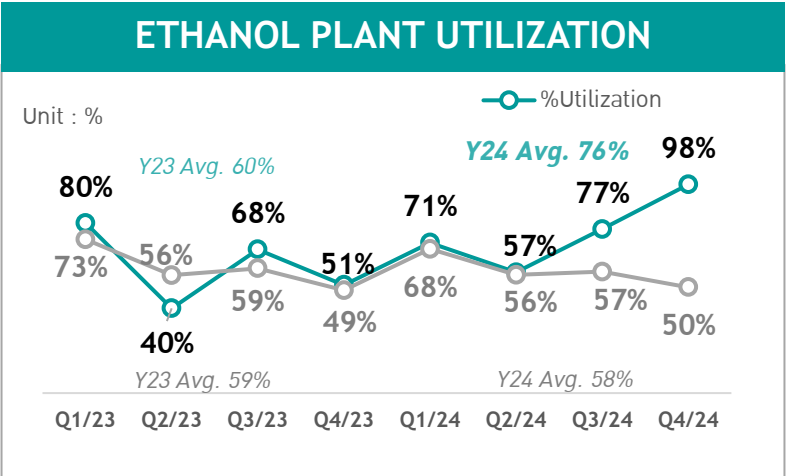
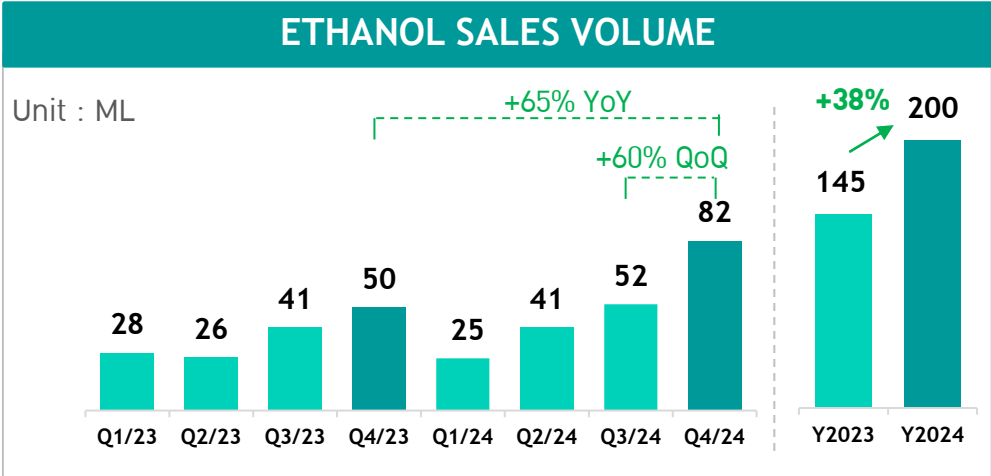
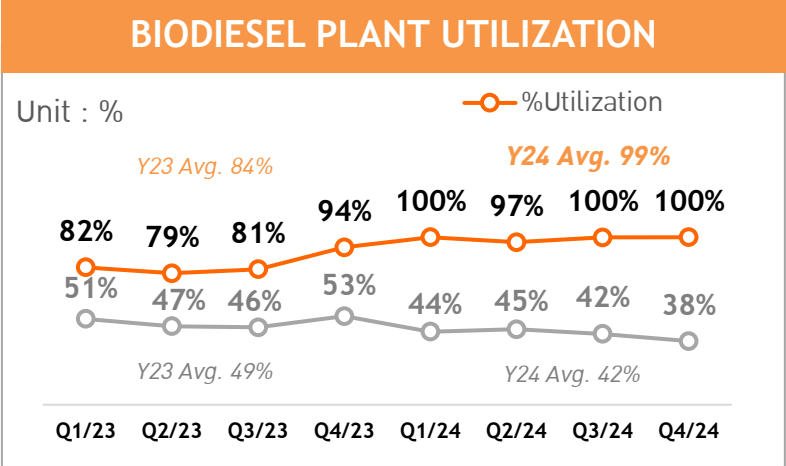
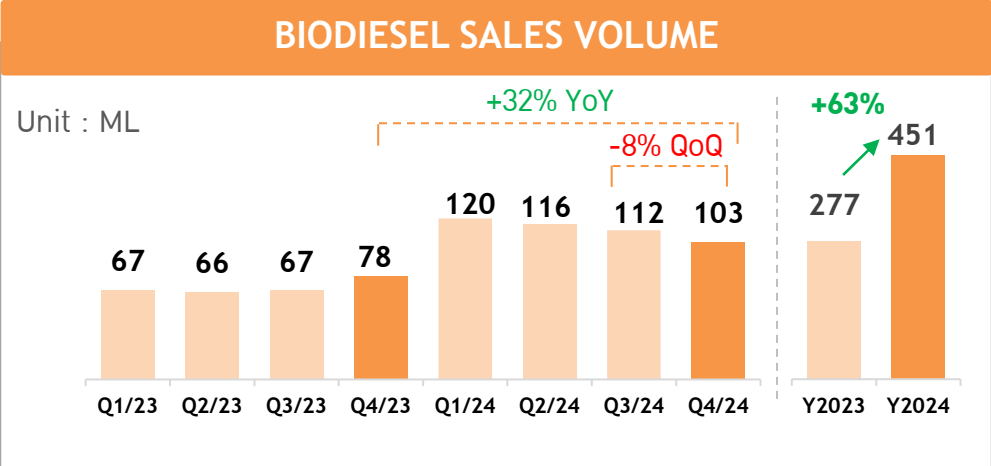
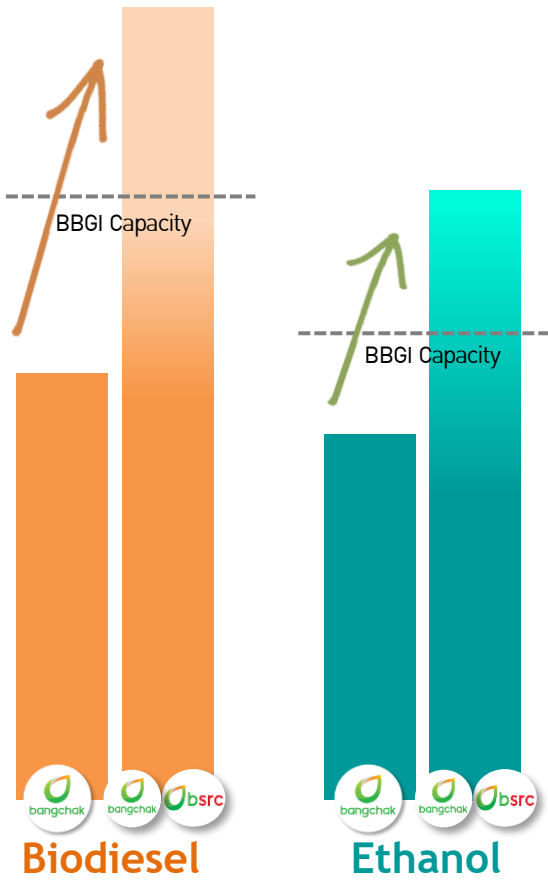
BUSINESS PERFORMANCE

STRONG DEMAND GROWTH

Operational Excellence



A Synergy beyond Acquisition



OPERATIONAL EXCELLENCE

EXCELLENT PLANNING

Optimization of production and procurement
serving BCP Group demand



PLANNING

PLANT



PEOPLE



EXCELLENT PLANT OPERATION

- Maximize capacity utilization
- Yield improvement
- Efficiency Improvement
- Utilities management
(Energy Saving projects)

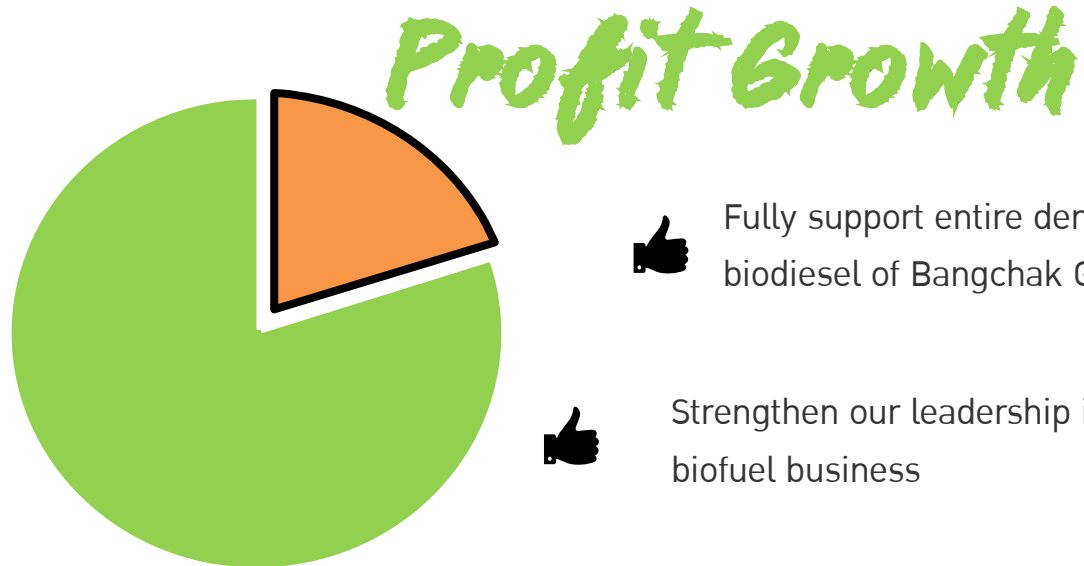
EXCELLENT PEOPLE & PROCESS

Training / Up-skill and Re-skill



Q4/2024 BUSINESS HIGHLIGHTS

01 BBGI hold **100%** share in Biodiesel plant



👍 Fully support entire demand for biodiesel of Bangchak Group

👍 Strengthen our leadership in biofuel business

✓ Successfully acquiring additional 30% from minority in Dec'24

Boosting +30%
From BBGI-BI



SET
ESG Ratings

02 BBGI JOINS SETESG AND sSET INDEX

BBGI has been selected by the Stock Exchange of Thailand to be **included in the SETESG and sSET index** for the first half of 2025. Reflecting commitment to driving ESG initiatives, reducing greenhouse gas emissions, and promoting environmental sustainability.

Agenda



BUSINESS HIGHLIGHTS



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BUSINESS PERFORMANCE

SUSTAINABLE AVIATION FUEL (SAF)

bsgf



Total Investment 8.5 BnBt.



BBGI Hold 20% of Shares



Target COD will be Q2/2025

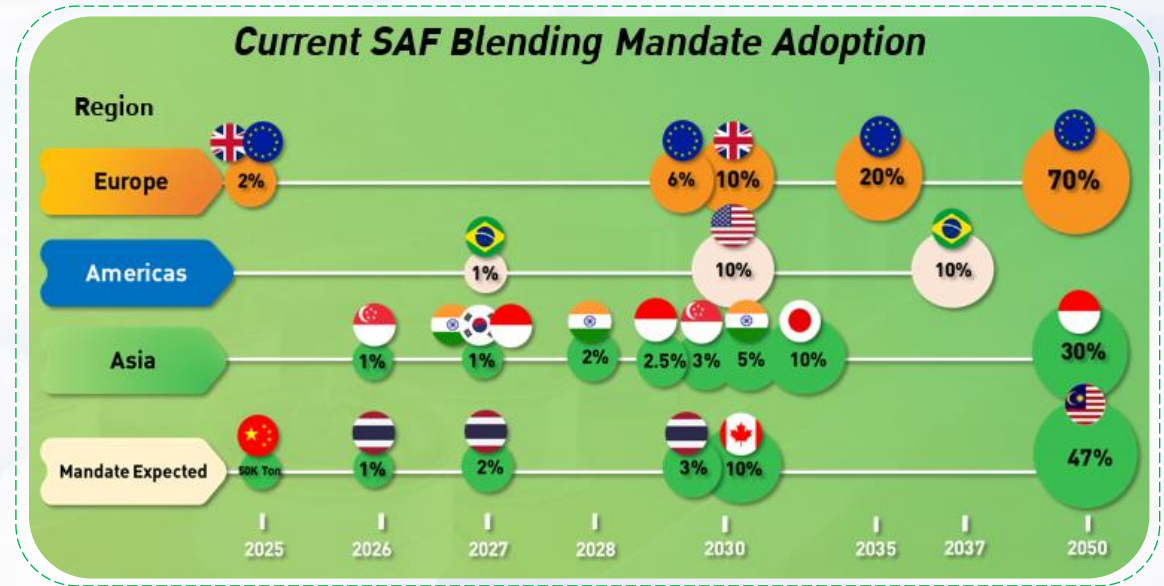


Production Capacity is 1 ML/D




Construction Progress 93% (as of Feb 2025)

93%



Used Cooking Oil (UCO)

- To purchase UCO at **Bangchak 297**  **non ไม้มก** "Fried To Fly" Service Stations nationwide

- Strategic partnership with leading UCO collector in Thailand.



Partners

- SAF Delivery via Pipeline to Suvarnabhumi and Don mueang airports. *Pipeline System*



THE 1st CDMO PLANT IN SEA



BBGI FERMBIOX BIO COMPANY LIMITED



Experience in large-scale
project execution



Expertise in
synthetic biology and
manufacturing processes

- ✓ PROJECT INVESTMENT : 444 MB
- ✓ BBGI SHARE : 86.8%
- ✓ TARGET COD : Y2025
- ✓ PRODUCTION CAPACITY : 2,000 Tons/Year (Initial Phase)
- ✓ CONSTRUCTION PROGRESS (as of Jan 2025)

82%



CAPACITY 0.2 ML/Year



Precision
Fermentation



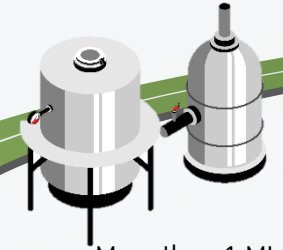
Engineered Microbes
(by customer)

Phase 1

2025

2024

2028



More than 1 ML/Year
(Domestic and Export markets)



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BUSINESS HIGHLIGHTS



PROJECT UPDATE



INDUSTRY UPDATE

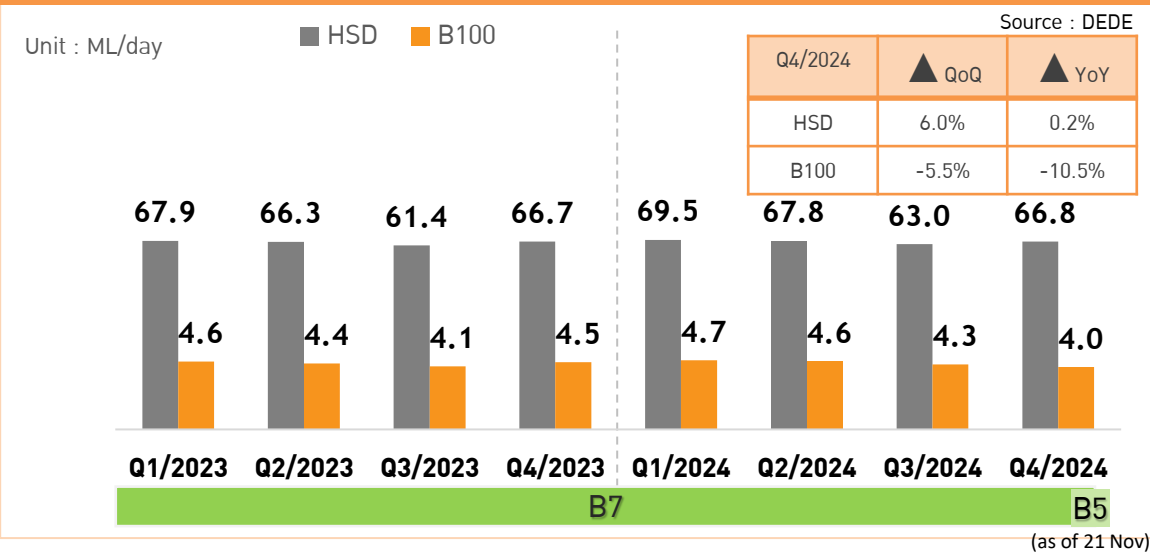


BUSINESS PERFORMANCE

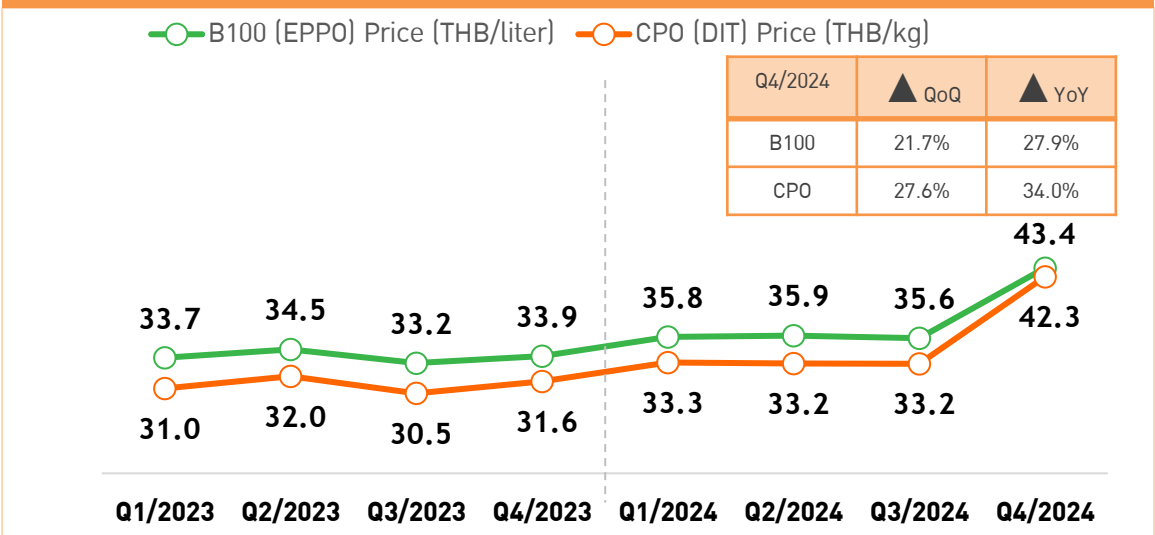
BIODIESEL MARKET SITUATION YEAR 2024



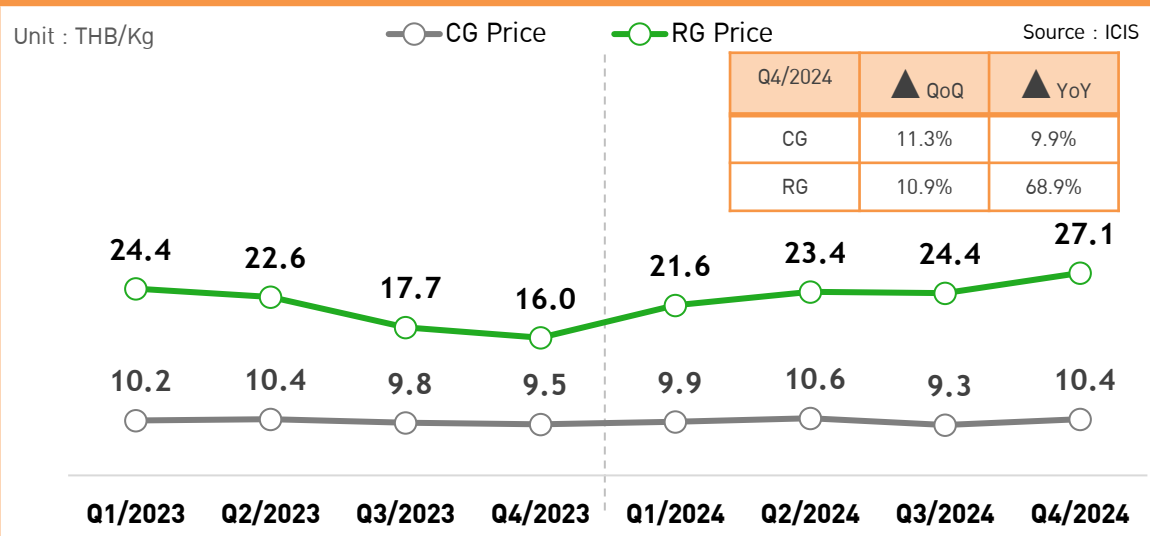
Biodiesel Demand in Thailand



CPO Price & Biodiesel Price



Crude Glycerin & Refined Glycerin Price



FY2024 :



CPO average prices increased in Q4 due to rising demand, driven by Indonesia's plan to implement the B40 biodiesel mandate.



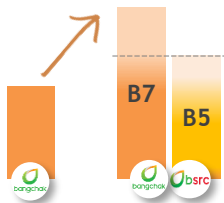
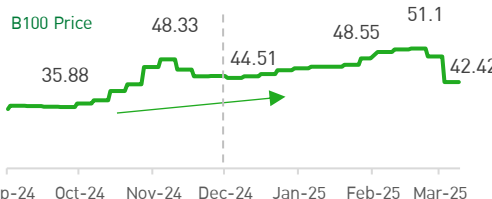
Biodiesel average selling price continued rise towards the end of the year.



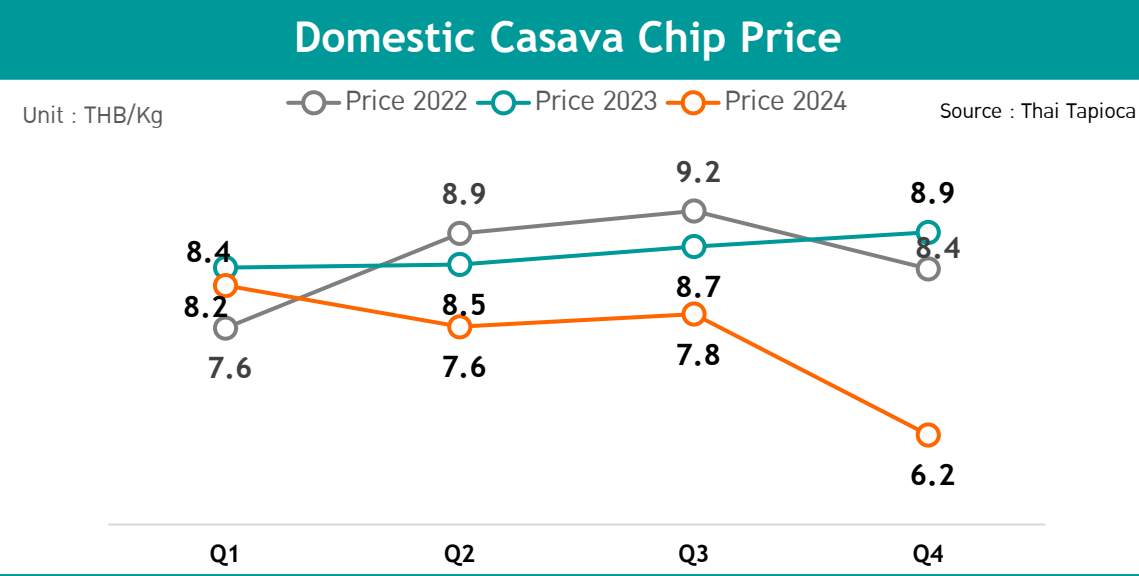
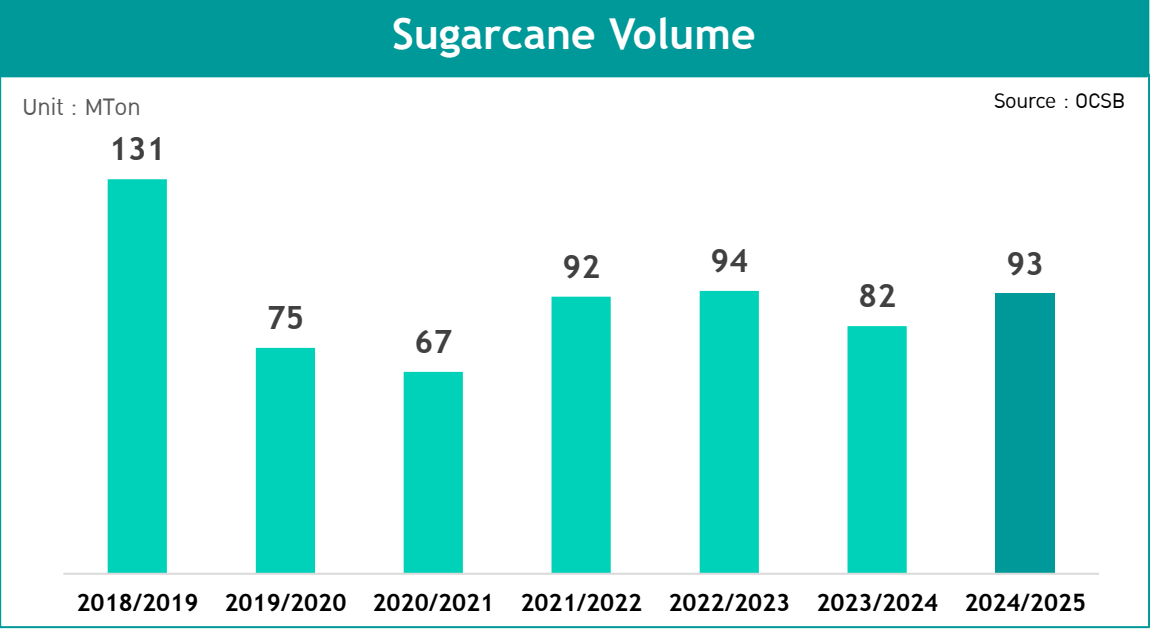
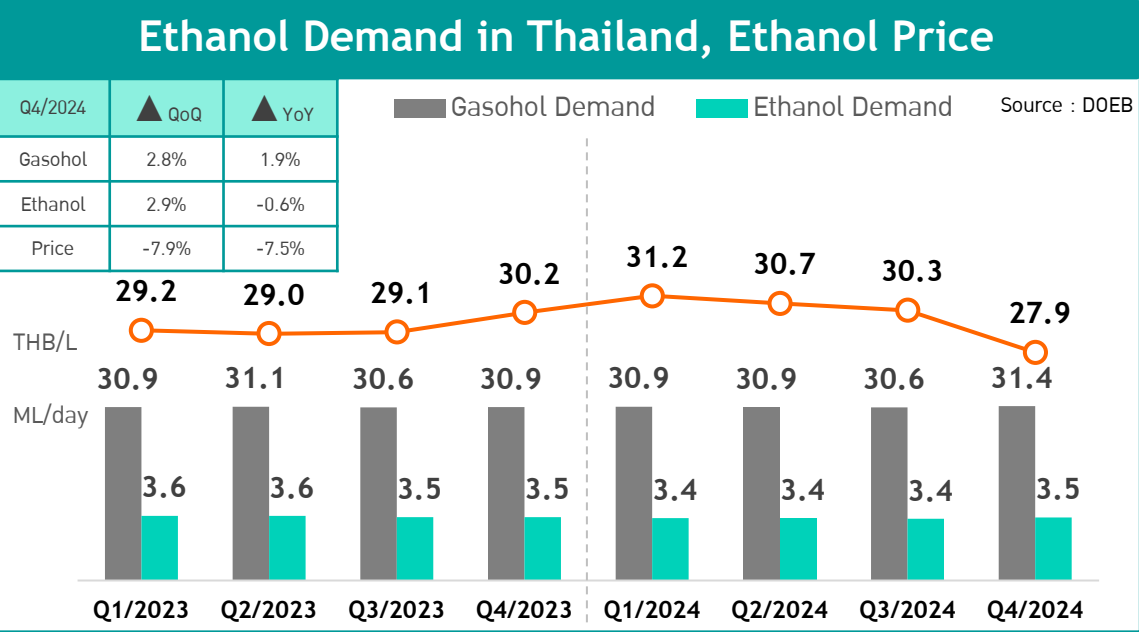
Blending at B5 effective from 21 November.



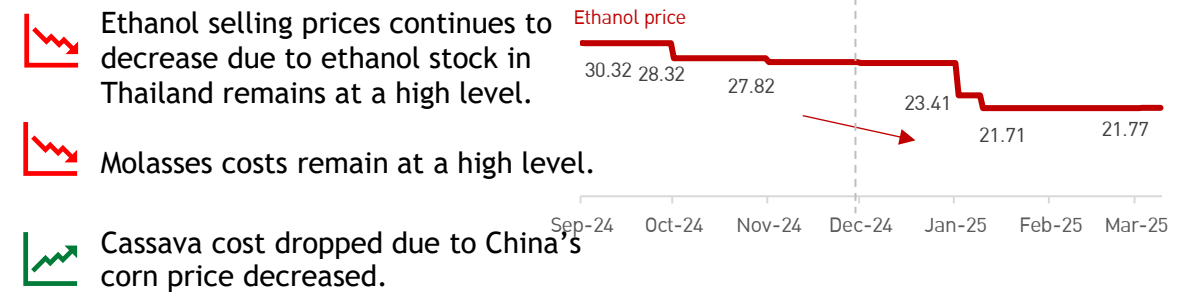
The government policy diesel price remain capped at 33 THB/liter., Starting Nov 1st, 2024 (indefinitely)



ETHANOL MARKET SITUATION YEAR 2024



FY2024 :



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BUSINESS HIGHLIGHTS



PROJECT UPDATE



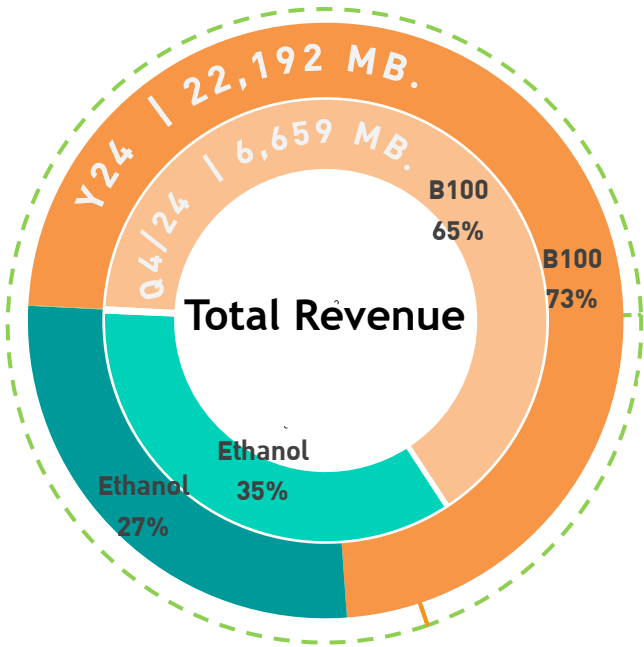
INDUSTRY UPDATE



BUSINESS PERFORMANCE

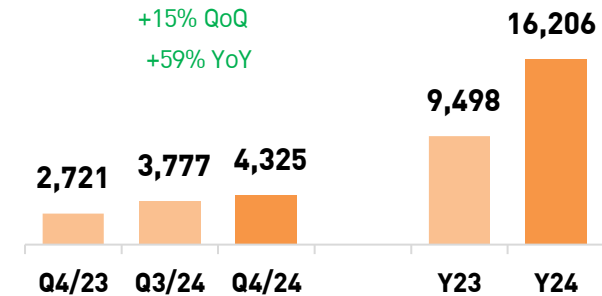


Revenue Breakdown



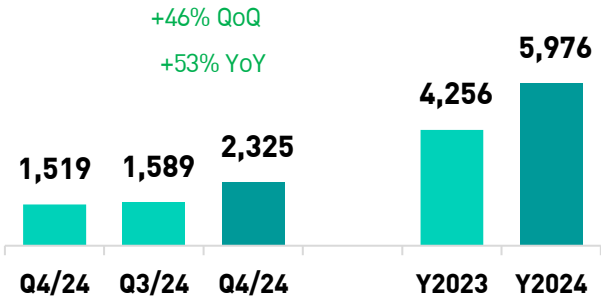
Biodiesel Revenue

Unit : MB



Ethanol Revenue

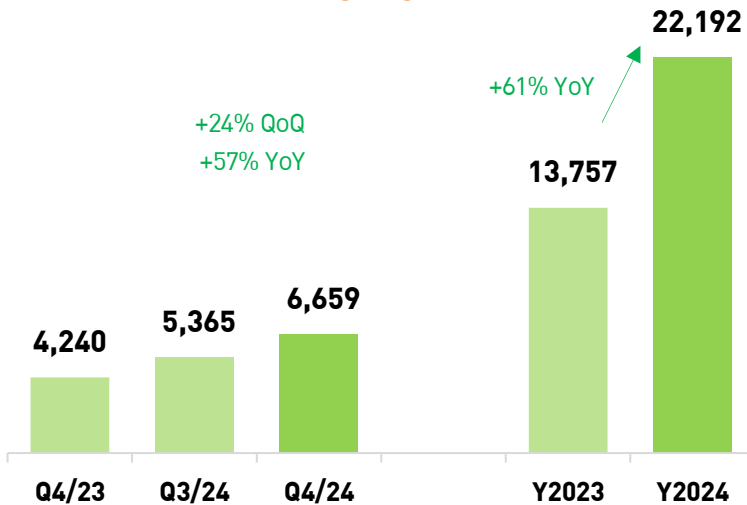
Unit : MB



TOTAL REVENUE

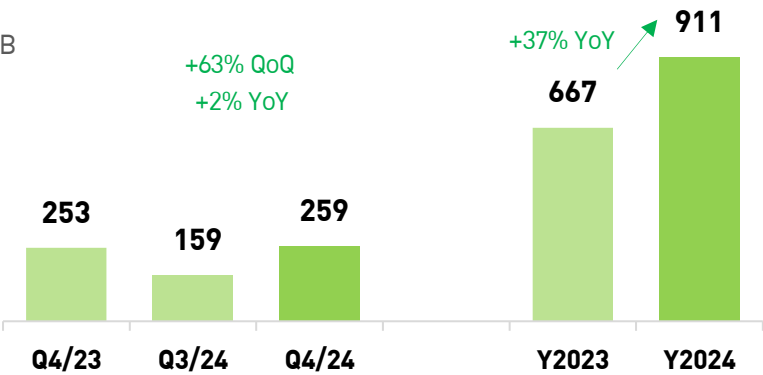
Revenue Q4 is at a record high again!

Unit : MB



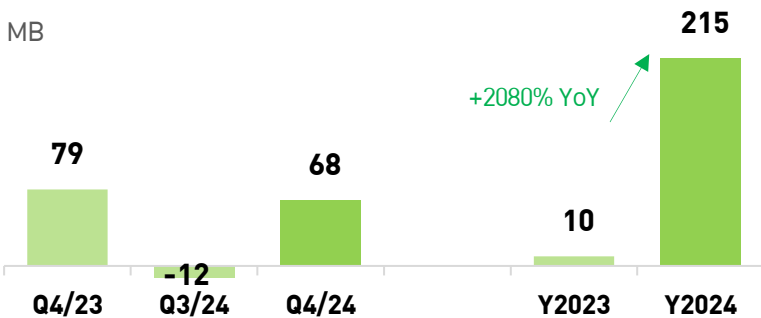
TOTAL EBITDA

Unit : MB

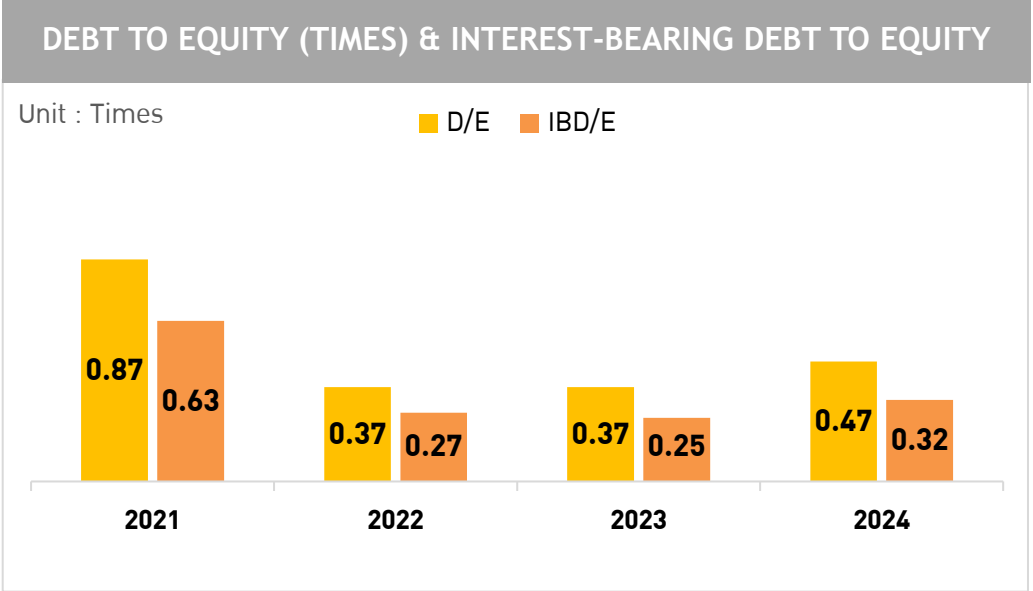
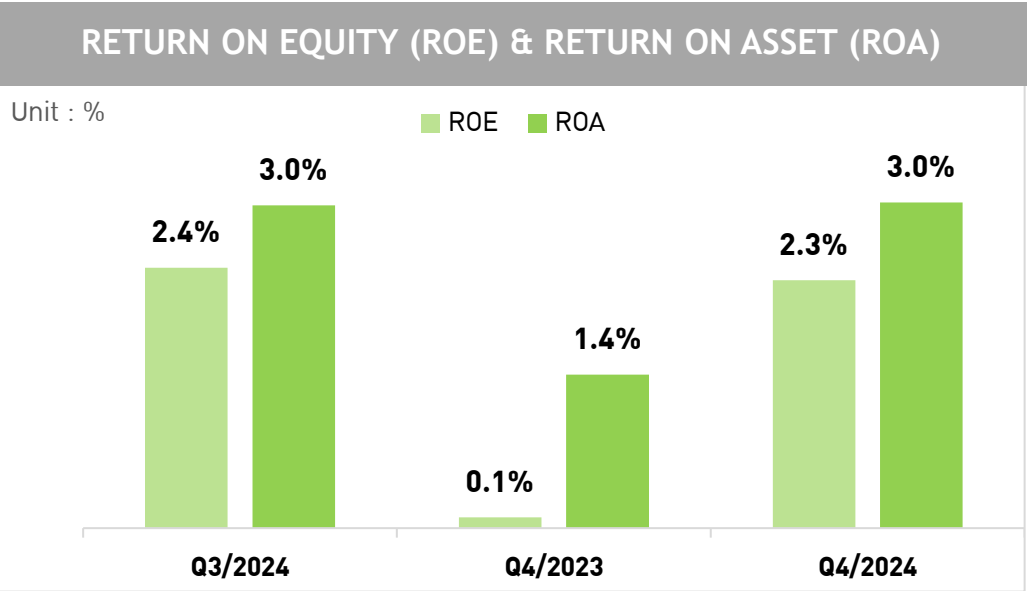
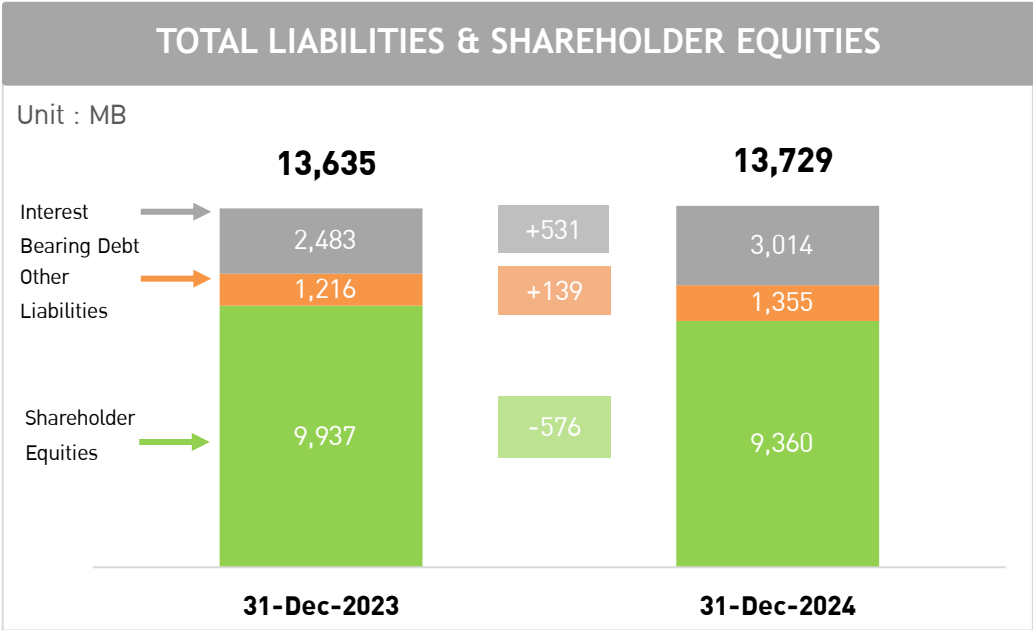
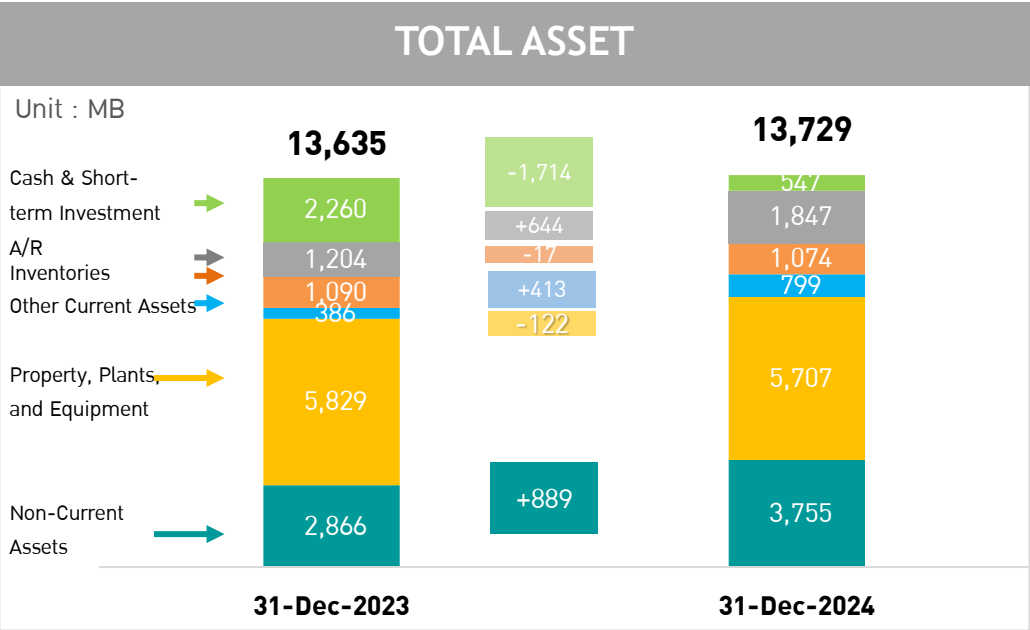


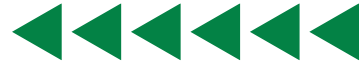
PROFIT ATTRIBUTABLE TO OWNER OF PARENTS

Unit : MB



BBGI GROUP | HEALTHY BALANCE SHEET





Thank You

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