









CIMC Green Energy Technology Co., Ltd



Project background:

Using feedstocks of agricultural and forestry waste such as branches and firewood, forestry waste, bagasse & leaves, banana stalks, etc., Synthesis gas is produced through gasification, and the synthesis gas is purified and reorganized to synthesize green methanol.







Scalability and Product: 產能和產品

产能规模/年: I期5万吨, II期20万吨







Project COD. Q4,2025









Beta Analytic, Inc. 4985 SW 74th Court Miami, FL 33155 USA Tel: 305-667-5167 Fax: 305-663-0964

Summary of Results - % Biogenic Carbon Content ASTM D6866-22 Method B (AMS) TC

Certificate Number: 5861506964611

Submitter Company CIMC Green Energy Low Carbon Technology (Zhanjiang) Co., Ltd Date Received May 06, 2024 Date Reported May 10, 2024 Submitter Label

ISO/IEC 17025:2017-Accredited Testing Laboratory

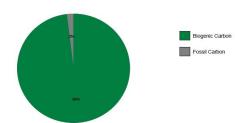
Biomethanol-2024-4-23

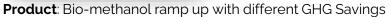
98 % Biogenic Carbon Content (as a fraction of

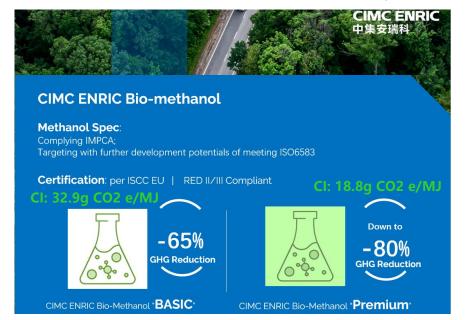
total carbon)

Laboratory Number 98.06 +/- 0.29 pMC Percent modern carbon (pMC) Atmospheric adjustment factor (REF) 100.0; = pMC/1.000

RESULT:









Plant View (Under Construction & Retrofitting) 中集生物甲醇工廠實景圖 Major Equipment under Installation 主要設備緊張安裝中

CIMC ENRIC





Bio-Methanol Plant Real-View (Under Construction & Retrofitting) 中集生物甲醇工廠實景圖

CIMC ENRIC













Project Sustainable Features



CIMC ENRIC adhere to Well-to-Wake green sustainability throughout the entire life cycle, in pursuit of environmental friendly and sustainability in **every detail**.



- In house biomass power plant
- Renewable Powered Office Building
- Renewable EV Charging Garage
- Feedstock chain sustainable (RED III)
- Feedstock plant solar empowered
- EV crane & fork lift used
- LNG powered trucks for methanol & biomass transport
- Biomass Solid waste used as bio-fertilizer
- Waste water recycling
- Green byproduct utilized- Bio-methane, Ammonia, etc.













Bio-Methanol Location: 中國廣東湛江 (中國大陸最**南**端) Zhanjiang, Guangdong , PR. China

The location favors very convenient geological network of sea/land/railway transport where deep sea hubs, highway and railway network co-exist.

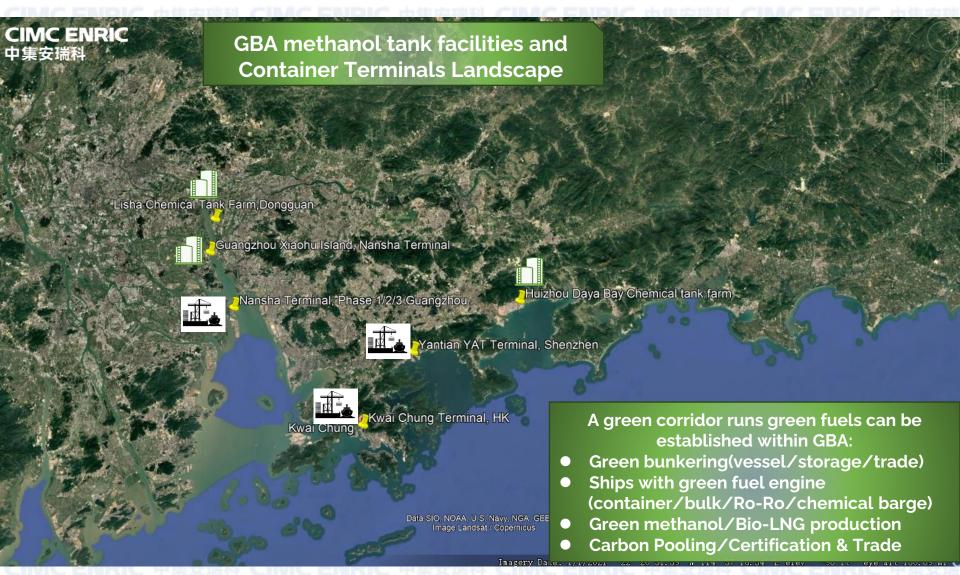






Barge Ships to GBA: 300 Nautic miles ONLY
Barge Ships to Shanghai: 1,200 Nautic miles ONLY
Barge Ships to Singapore: 1,400 Nautic miles ONLY

中國華南地區第一家生物甲醇示範工廠 The 1st Bio-methanol plant in South China



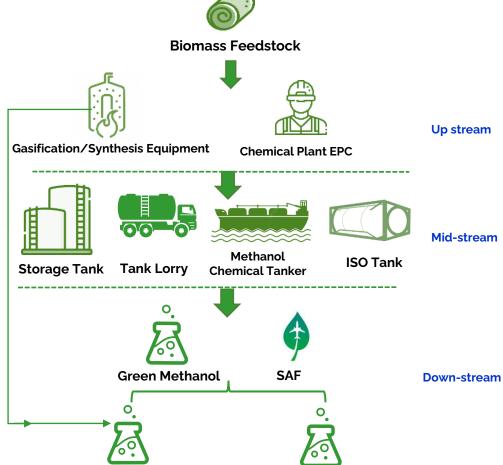


Long Term Strategy on Green Fuels

We focus on Waste to Energy Production



2022 CIMC ENRIC COG to H2 & LNG Project Project Location : Anshan, China H2 annual Output: 24,000K cbm/a LNG Annual Output: 125Kt/a



Green Fuel

Bio-based Chemical

Green Methanol full supply chain And Roadmap of CIMC ENRIC



关于中集安瑞科 About CIMC ENRIC (3899.HK)

CIMC ENRIC 中集安瑞科

CIMC ENRIC FY2024: **3.6** Billion € Group Revenue



Clean Energy Sector 2.25 Billion € /a



Chemical & Environment





Liquid Food

(中海浙江LNG

0.4 Billion € /a







The world's leading integrated business service supplier and key equipment manufacturer for LNG & Clean energy.



Natural Gas

Hydrogen

Methanol



Ammonia



Chemical



Liquid Food (beer/wine)

Energy equipment

Chemical equipment

Liquid Food Equipment



Scope of business: the "production, storage, transportation, processing and use" of equipment for the entire industrial chain of natural gas, hydrogen energy, and industrial gas etc., involving the upstream, midstream, downstream of the industrial



The business includes: after-market services such as maintenance, cleaning, renovation and transformation of liquid containers, gas containers, powder containers and tanks; environmental protection equipment business



The business includes: beer and spirits turnkey projects, and engineering, manufacturing and sales of stainless steel storage tanks for juice, alcoholic sparkling water, baijiu, dairy products and other liquid food

关于中集 About CIMC (000039.SZ / 02039.HK)











container

Bamboo and wood

composite flooring for containers

> Liquefied gas car tanker

World's Leading Market Position

Skeleton

truck

Semi-trailer for

CIMC Champion Product Cluster

2024 Revenue: Over 160 Billion RMB (22 Billion USD)

Global Employee: 70,000+







Standard dry

container







Extra wide tank









Beer/bever age EPC







liquid tank High-pressure gas transportation highend equipment



Skeleton



Modular data center

Semi-submersible

drilling platform

FPSO/FPU

Boarding

bridge

(LPG) ship



mixer



Ball tank





Cryogenic liquid



Energy storage equipment Small and medium-sized (cabin) liquefied petroleum gas







Contact us

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Always steps ahead of others

CIMC ENRIC 中集安瑞科

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Thanks

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