



A Carbon
Transformation
Company.

Sustainable Transportation Fuels

GLADSTONE | QUEENSLAND | AUSTRALIA

Turning abundant stranded
carbon assets into fuel security.

A Circular Carbon Economy Initiative.

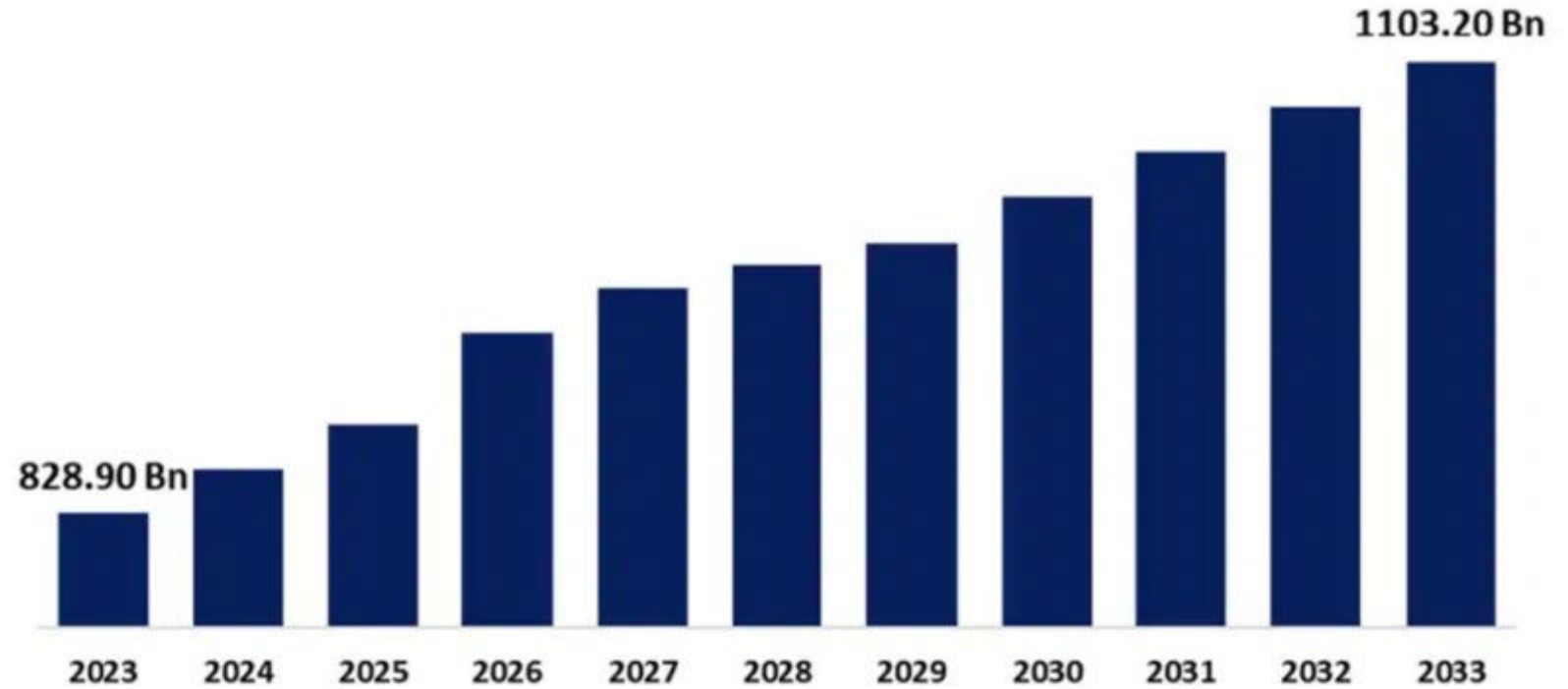


Global Transportation Fuel Market

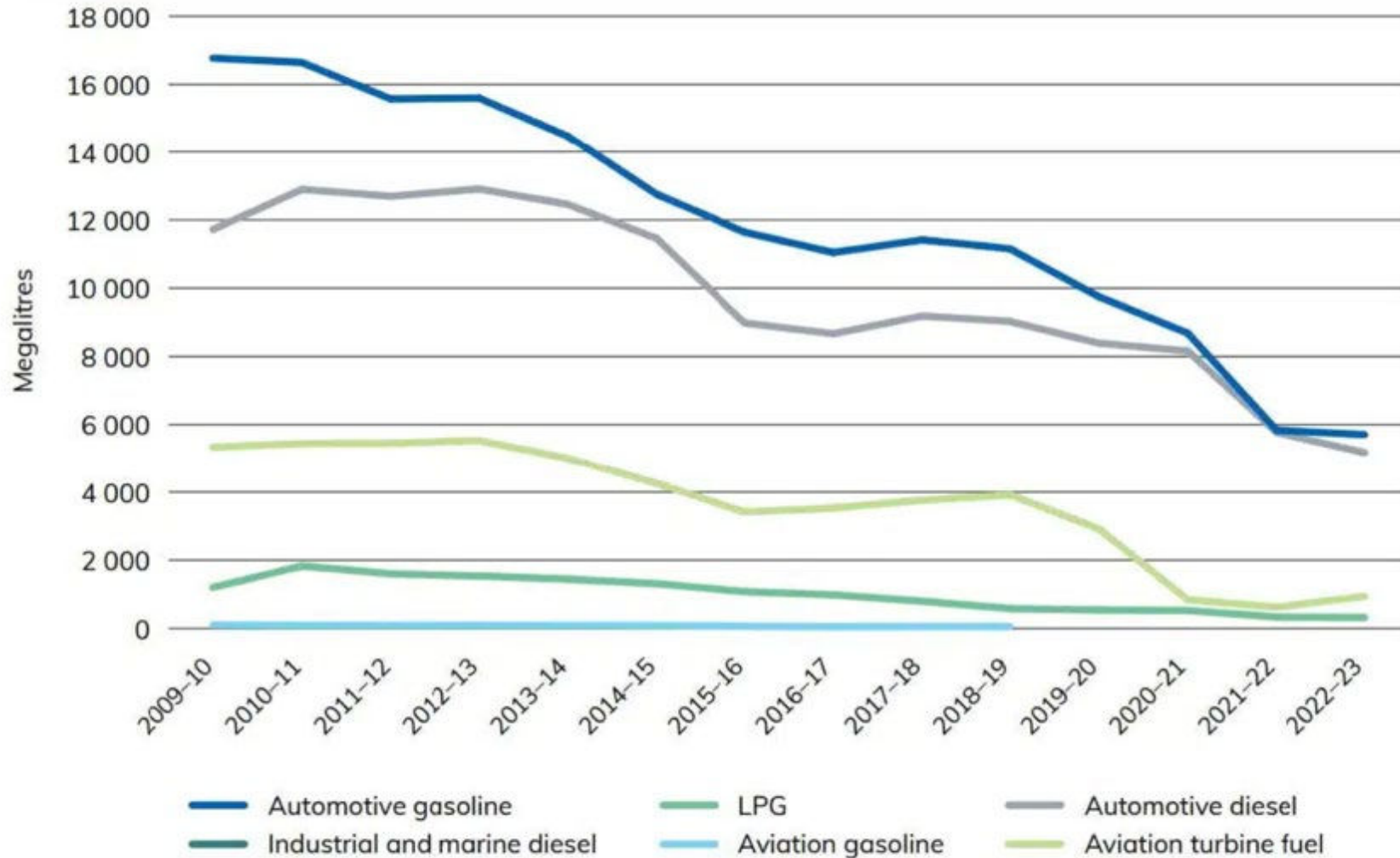
The Global Transportation Fuel Market was Valued at USD 828.90 Billion in 2023

The Market is Growing at a CAGR of 2.90% from 2023 to 2033

(Source: Spherical Insights)



Australian Refined Fuel Production



Australia consumes approximately 56 billion litres of transportation fuels annually.

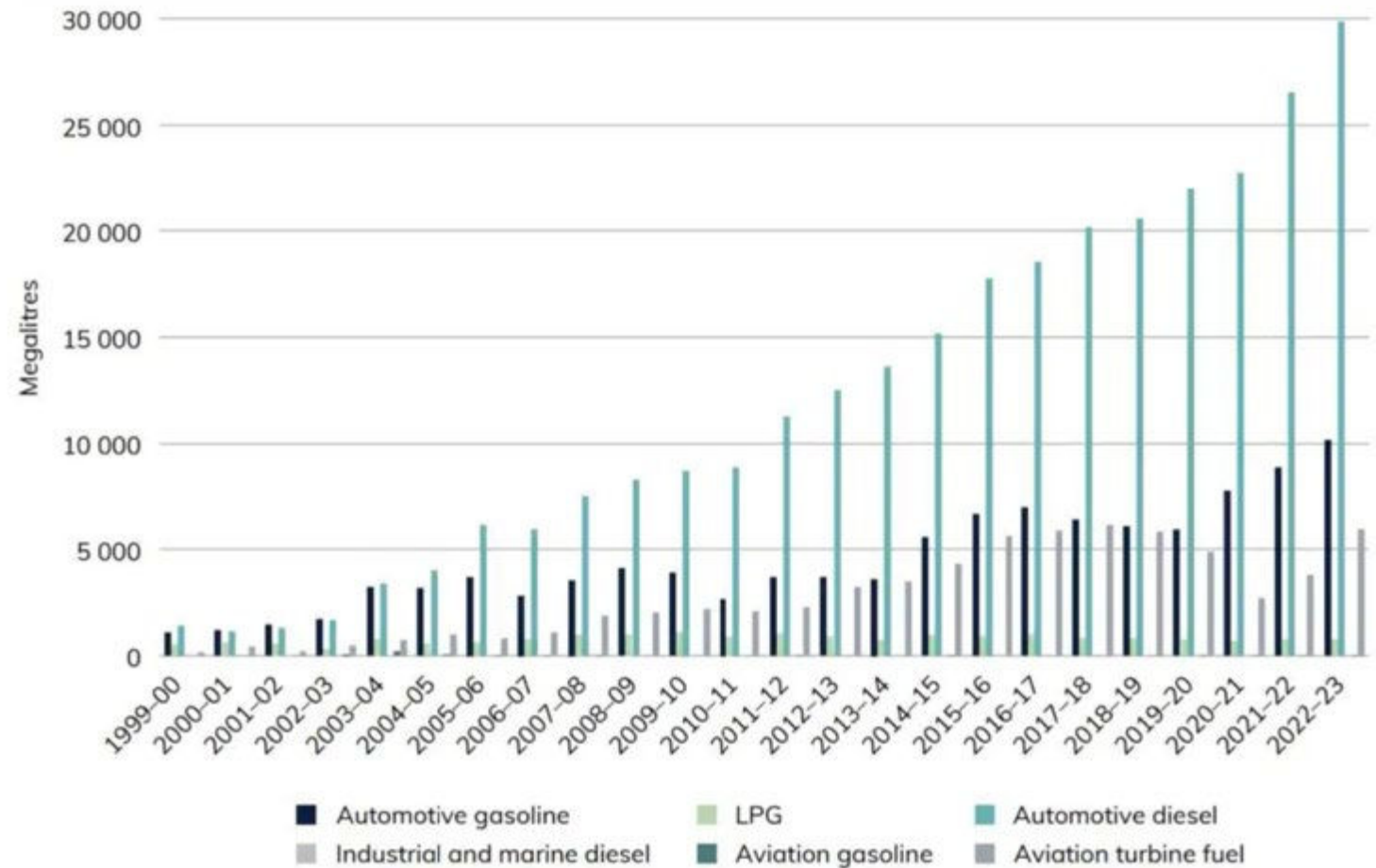
(Source: Dept. of Infrastructure)

Source: Department of Climate Change, Energy, the Environment and Water, 2023, Petroleum

Australian Refined Fuel Imports

Diesel represents 59.5% of total transportation fuel consumption.

(Source: Dept. of Infrastructure)



(Source: Department of Climate Change, Energy, the Environment and Water, 2023, Petroleum)

**Australia exports three times more energy
than it consumes ...**

**.... yet imports 91% of its liquid transportation
fuel requirements.**

MeOH Energy is the solution

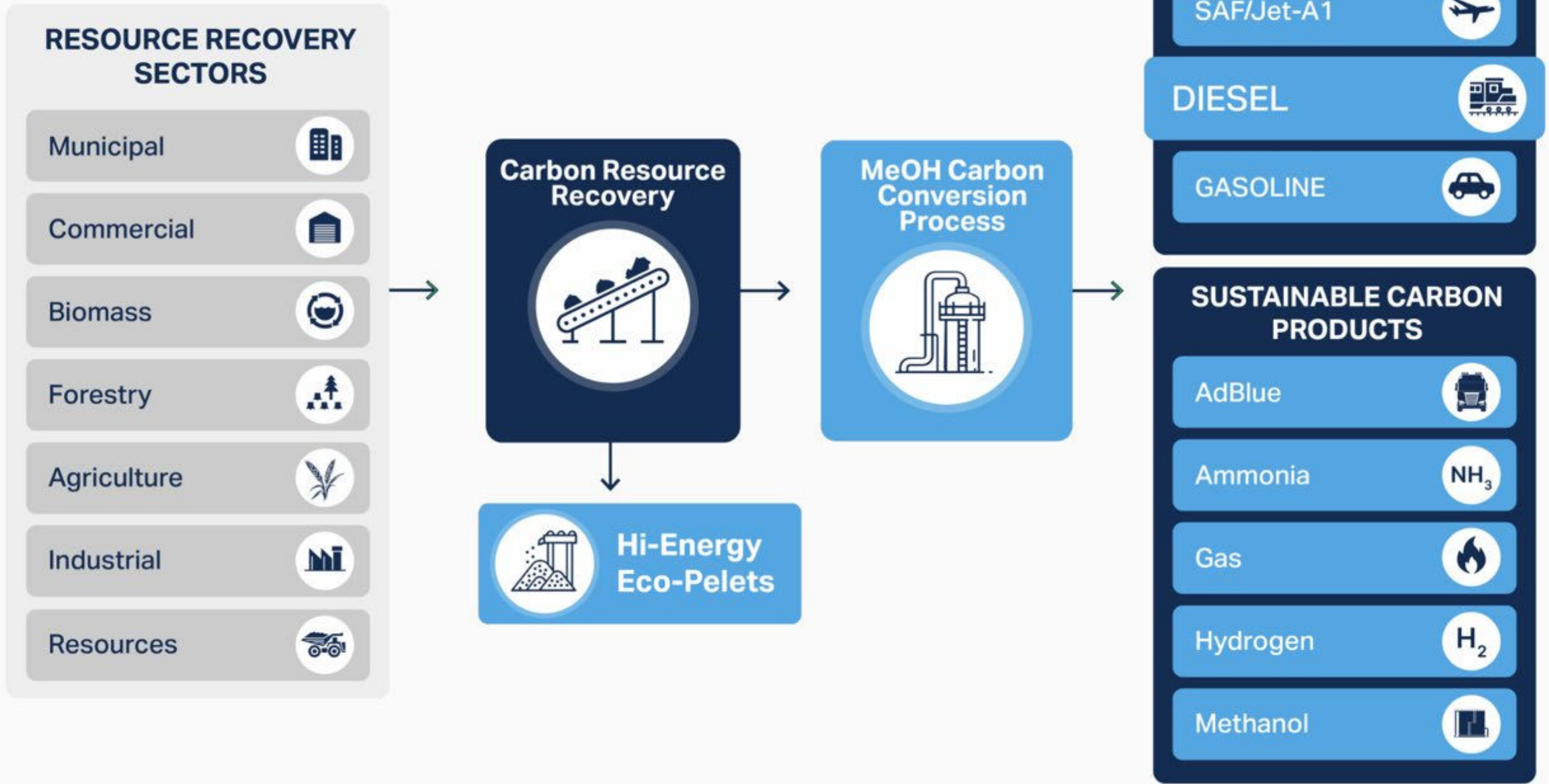


MeOH
NEW ENERGY

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MeOH
NEW ENERGY

CIRCULAR CARBON.
SUSTAINABLE FUELS.



Circular Carbon Economy - for carbon utilisation and resource recovery

Low-Emission Fuels - supporting lower-carbon transport, aviation and industry fuels

Industrial Decarbonisation - reducing lifecycle carbon intensity across industries

Feedstock Flexibility - Utilises multiple stranded carbon input streams; No dependence on gas supply

Sovereign Capability - domestic supply security, resilience and import replacement

**Australia's circular carbon resources
can power far more than today's economy**

Why Sustainable Fuels?

- ✓ Reduced emissions - up to 32% CO₂ ↓
- ✓ No SO_x emissions – sustainable fuels contain zero sulphur
- ✓ Reduced particulate emissions - high paraffin content, very low in cycloparaffins and aromatics
- ✓ Improved combustion performance.



MeOH supplies established large-scale, high-demand, repeat-purchase, transportation fuel markets.

Risk Mitigation

- ✓ existing infrastructure
- ✓ existing domestic demand
- ✓ 30+ year proven technology; 13 operating plants
- ✓ abundant stranded Carbon feedstocks
- ✓ 25+ feedstocks tested and proven
- ✓ experienced Team and construction partners



Proven Technology

Proven at scale; 13 commercial installations operating at 6 locations in North America and China



Established Infrastructure Domestic Demand

100% Domestic Demand for 240m L of Sustainable Fuels per annum. Access to natural deep water harbour & rail at port of Gladstone, Queensland



Low Operating Costs

Cost competitive 5,000 bbl/day capacity



High Efficiency Carbon Management

Low CO₂ footprint, CO₂ capture & use in production



Feedstock Flexibility

No reliance on LNG as feedstock. Focus on recycled waste products including coal tailings, coal washing rejects, waste tyres, plastics and biomass

EXECUTIVE SUMMARY



Proposed facility

240m

- litres pa of sustainable liquid transportation fuels

99.5%

- purity – Ultra Low Sulphur

1.05m

- tonnes pa of waste diverted away from landfill

100%

- domestic off-take

Production Cost

- consistent with leading first quartile global fuel producers

800

construction jobs

50

full-time jobs

A Queensland industrial platform built around feedstock flexibility and domestic offtake.



SUSTAINABLE TRANSPORTATION FUELS

THANK YOU

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