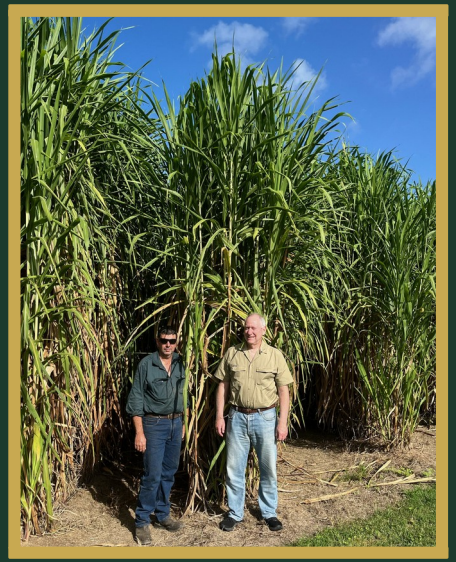
INVESTMENT HIGHLIGHT

Rio Tinto Offtake Agreement Signed
Bio-Pellets to its Gladstone Alumina Refineries

SUPERCHAR

Sustainable Renewable Biofuels- Green Energy

Biofuels Project Gladstone Region Central Queensland



Investment Overview · August 2026

Secure Offtake · First-to-market · Proven technology · Patented products.

"The first commercial validation of an Australian-made green industrial fuel at scale"

www.SuperChar.com.au

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01 About Our Project

SuperChar Limited (SCL) is developing a pioneering biomass-to-energy project in the Gladstone Region, Central Queensland, using Bana Grass and proven pyrolysis technology.

SCL is developing a pioneering biomass-to-energy project using Bana Grass, a high-yielding, low-input crop with multiple harvests per year.

Bana Grass poses no biosecurity risks and only requires planting every 15 years.

The pyrolysis plant is a self-powered, closed loop system, generating no waste streams, and which produces a range of char-based products:

- bio char, bio- pellets (bio-coal), bio-briquettes (bio-charcoal) - renewable alternatives to fossil fuels in power and steel production.
- high protein animal feed.

Our Process — Continuous, Renewable, Plant-Based

Bio-Briquettes (Bio-Charcoal)

Premium residential & export fuel

Bio-Pellets (Bio-Coal)

Thermal & metallurgical substitute

Animal Feed Pellets

High protein cattle feed

02 The Market Problem

Global plant-based bio-coal and bio-charcoal markets have growing demand and negligible supply. SCL is first to market in both categories.

The SCL process directly addresses this market demand as:

- No industrial-scale, continuous-feed biomass processing alternatives exist to meet this demand.
- Current production consists of batch processing utilizing earth kilns and/or small pyrolysis kilns without continuous feedstock supply.
- Existing alternatives to fossil fuel supply are cost prohibitive.

Global Coal Market

~8.9 billion tonnes produced globally p.a. Australia produces over 550 million tonnes (60% thermal, 40% metallurgical).

Global Charcoal Market

59 million tonnes produced globally p. a. Australia consumes over 100,000 tonnes p. a., with >80% imported.

The Opportunity

Supply to plant-based bio-coal and bio-charcoal markets is negligible. 100% of SCL production is immediately saleable by being first to market.

03 The Market Solution

SCL is ideally positioned to meet the demand of the transition from fossil fuels to a sustainable renewable alternative.

SCL has the Solution

- Years of research and testing
- Superior high yielding, low input cost biomass feedstock.
- Immediate suitability as alternative energy source across various industries for power generation.
- Immediate transition from fossil fuels.
- Substantial reduction in CO_2 emissions
- Pricing – Profitability
- Scalability
- Rio Tinto Supply Agreement demonstrates that SCL has the Solution.

First to Market

Global & Australian bio-coal and bio-charcoal markets have negligible supply. 100% of production is immediately saleable.

Proven Technology

Proven pyrolysis technology: designed and commissioned to meet Australian standards.

Strong ESG Profile

Substantial ACCU carbon credits and LGC certificates generated — strong ESG profile and additional revenue streams.

04 Rio Tinto Offtake Agreement

A five-year Rio Tinto Aluminium Supply Agreement — validated by industry, local Government and independent analysis.

- SCL will initially supply 35,000 tpa, with the Agreement allowing supply to increase to 400,000 tpa.

  ► Rio Tinto — read the announcement

- The project has the strong support of the Gladstone Regional Council and the local community.

  ► ABC News — read the article

- The bio pellets product addresses the immediate need to decarbonise industry and generates substantial CO_2 offsets.

  ► Discovery Alert — read the analysis

Rio Tinto - Media Release

"Reducing our alumina refineries' reliance on fossil fuel will require a mix of technologies, innovation and partnerships, and bio pellets are one of the practical options we are exploring as part of that. The recent trials and feasibility study have given us valuable insights, and this agreement allows us to take the next step in understanding how bio-pellets could work in practice and be scaled for use at our Gladstone operations. The project also has the potential to support new industries and supply chains in Central Queensland, connecting agriculture and industry in new ways."

- **Armando Torres, Managing Director, Rio Tinto Aluminium Pacific Operations**

ABC News

"That 35,000 tonnes, as we burn it, will reduce our carbon emissions by 90,000 tonnes per annum."

- **Tim McDougall, GM Bauxite & Alumina, Rio Tinto**

Discovery Alert

"The five-year supply agreement did not emerge in isolation. Rio Tinto conducted operational trials at its Gladstone facilities during 2024 and 2025, testing bio pellet combustion performance in existing boiler infrastructure and evaluating the practicalities of fuel handling, feed system compatibility, and ash management."

- **Discovery Alert analysis**

05 Why SCL?

SCL is positioned to meet the demand for the transition from fossil fuels to a sustainable renewable alternative.

Investment Highlights	Status	
Rio Tinto Offtake Supply Agreement executed	Yes	✓
Comprehensive product testing undertaken	Yes	✓
Patented products	Yes	✓
First Mover Advantage	Yes	✓
Plantation land leases secured	Yes	✓
Agronomist-verified feedstock nursery established	Yes	✓
Strong local community support	Yes	✓
Development Approval well advanced	Yes	✓
Pyrolysis Plant designed to meet Australian Standards	Yes	✓
Modular & scalable to meet increasing market demand	Yes	✓
Self-powered, closed loop system	Yes	✓
No waste streams generated	Yes	✓
Validated Capex & Opex Costs	Yes	✓

06 ESG & Carbon Credentials

The SCL biofuels project offers substantial ESG benefits with minimal negative environmental impact on the local region.

The demand for renewable fuels is structurally driven by regulatory imperatives such as the Safeguard Mechanism and Net Zero commitments for major CO_2 emitters. A key attraction of the SCL project is the significant potential for additional saleable revenue streams which are 100% owned by SCL and are entirely unencumbered.

The pyrolysis process generates excess syn gas which can be sold to off-takers for power generation. Sufficient syn gas could justify a low-pressure pipeline from processing facilities to off-taker facilities, creating an additional recurring income stream at negligible incremental cost.

ACCU Carbon Credits

Bana Grass farming generates 22 t – 60 t CO_2/hectare/ annum, equal to 16,500 to 45,000 pa per module.

Reef Credits

Bana Grass needs little fertiliser, reducing nitrogen runoff. A 60kg/ha reduction is possible in Great Barrier Reef catchments — not applicable to the Gladstone project.

Revenue

Potential revenue of $550,000 for ACCUs and $2.7m for reef credits per year per module

Syn Gas & Power

Pyrolysis generates surplus syn gas for sale or grid supply. Self-powered facility with surplus capacity available to the Queensland grid.

07 Contact Us

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The Future of Green Energy in Australia

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