Investment Opportunity

RENEWABLE ENERGY
AGRICULTURE

Sustainable Aviation Fuels

The Sustainable Aviation Fuels (SAF) market is rapidly growing, driven by the aviation industry's aim for net-zero emissions by 2050, with demand expected to exceed supply for years.

SAF is a proven alternative to conventional jet fuel, and already in widespread and growing use.

The Northern Territory's natural resource wealth, land availability, and strategic location to Southeast Asia, offer potential for developing a SAF industry.

Abundant renewable energy resources

Availability of feedstocks

Strategic location for export markets

Existing infrastructure and industry to markets

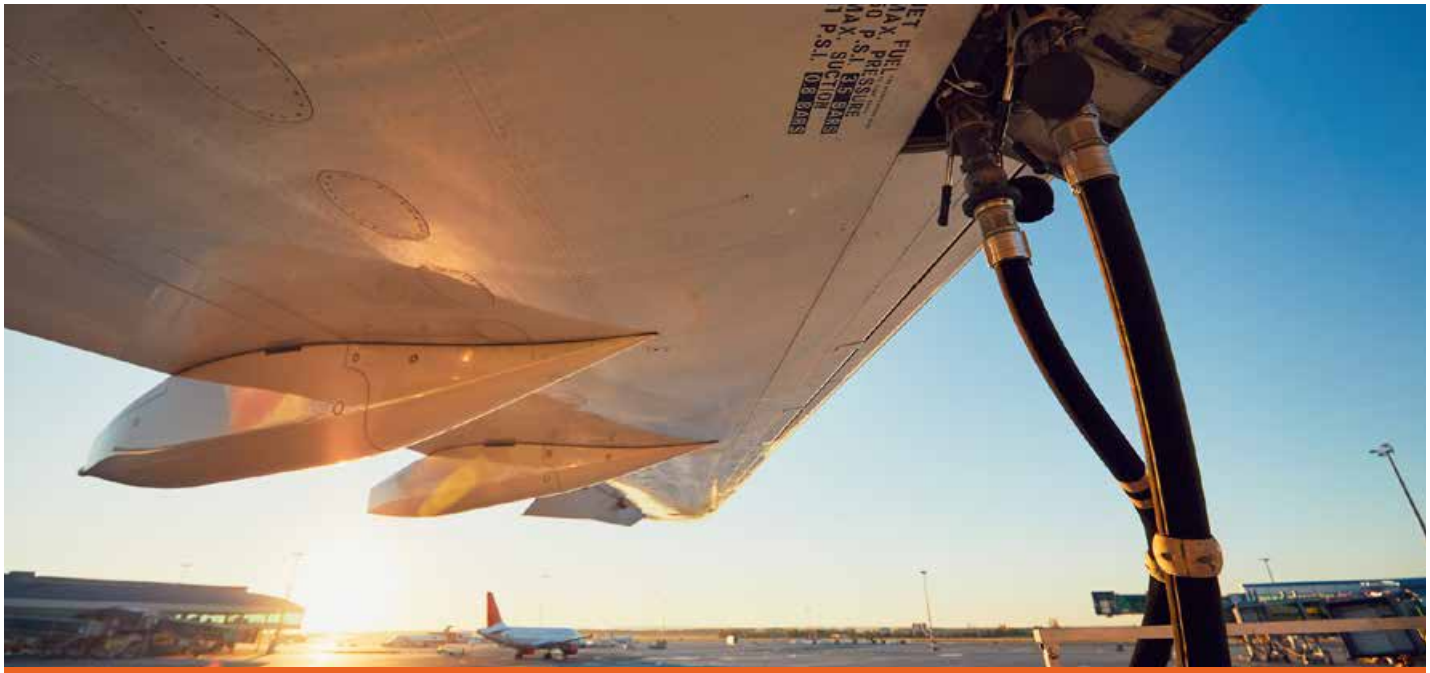
Investment Type
Greenfield

Status
Open for Investment

Region
Northern Territory, Australia

Project Value
Varied

Presented to market by
NORTHERN TERRITORY GOVERNMENT



The Northern Territory has the potential to become a leader in aviation fuel development.

Sustainable aviation fuel technologies related to biofuels and hydrogen represent the most feasible pathway in the Territory.

Hydroprocessed Esters and Fatty Acids (HEFA) and Power-to-Liquid (PtL) are identified as the most promising pathways for near-term and long-term implementation.

At small scale, a plant producing SAF through the HEFA pathway is a potential opportunity. The project would require a reliable, cost-competitive supply of feedstock and secure offtake agreements.

Oilseed cultivation is a well-established industry across Australia, with existing technologies and supply chains, making it easier to scale up production of natural oils for SAF.

The NT's solar irradiance and proposed infrastructure projects, such as the Middle Arm Sustainable Development Precinct, could support large-scale renewable energy and hydrogen production, essential for PtL SAF pathways.

More information

SAFs in NT

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AUSTRALIA'S NORTHERN TERRITORY