

# Townsville's gateway to a greater tomorrow

The Lansdown Eco-Industrial Precinct will be North Australia's **first environmentally sustainable industrial hub.**

📍 Located in Woodstock, 40 kilometres south of Townsville

Townsville City Council acquired Lansdown in 2001 with the vision to become Northern Australia's foremost precinct for advanced manufacturing, processing, technology and emerging industries.

The precinct is set to take Townsville to a greater tomorrow from a jobs, economic, and environmental perspective, bringing together innovative organisations (proponents), passionate about driving positive change for our economy, community, and the environment.

The project will generate significant jobs for the city, both during construction and in operation.

The 2200 hectare (22sq km) precinct is primarily a High Impact Industrial Zone away from residential areas. It is a 'greenfield development' and is incorporating environmentally responsible systems right from its start.

Council has attracted major State and Federal government funding, including:

- \$14M in grants from the Commonwealth and Queensland Governments;
- Additional Commonwealth Government funding commitment of \$34M through the Townsville City Deal; and
- A further \$26M in Queensland Government Funding announced in the 2022 State Budget.

The Lansdown Industrial Precinct was declared a Prescribed Project by the Queensland Government in March 2023. The declaration will provide Council with additional Queensland Government support to deliver this significant precinct.

## Proponents

Several proponents have been conditionally allocated land in the precinct following tender processes conducted by Council.

Council continues to work with all proponents to bring their proposed developments to fruition and unlock the jobs and economic stimulus they will provide to our city and region.

Companies such as Queensland Pacific Metals Townsville Energy Chemicals Hub project and Edify Energy's green hydrogen production facility are already well advanced in planning for construction at Lansdown over coming years.

Current Proponents to the Precinct are:

### Axon Graphite Limited

Axon Graphite, wholly owned by Lithium Energy (ASX:LXL), intends to construct a battery manufacturing facility on a 33ha site at Lansdown to produce battery anode material from high grade graphite flake concentrate. The graphite would be mined and processed at the Company's proposed Burke Graphite Mine near Cloncurry. The product will be sold as a battery anode material for use in lithium-ion battery manufacturing, or for battery energy storage solutions. Demand for the product is increasing, especially in the booming electric vehicle (EV) industry that relies heavily on lithium-ion batteries.

[lithiumenergy.com.au](http://lithiumenergy.com.au)

### Edify Energy Pty Limited

**Green hydrogen production facility**  
Edify Energy has been granted development approval to build and operate a green hydrogen production plant of up to 1 GW, as well as a behind-the-meter solar photovoltaic and battery storage facility.

The facility's green hydrogen will meet the growing need domestically and across the world for this emission-free fuel.

[edifyenergy.com](http://edifyenergy.com)

### High Purity Quartz Ltd

HPQ Ltd plans to develop significant solar PV production and manufacturing facility at Lansdown in stages, using ore from a quartz resource near Forsyth in Queensland, initially for both solar crucible grade sand production and by collaboration with others, for metallurgical grade silicon production at LEIP. These products are the building blocks to make solar panels made up of photovoltaic (PV) cells to collect light from the sun and convert it to electricity. HPQ has secured a Federal Government grant under its flagship Critical Minerals Development Program (CMDP).

[ultrahpq.com](http://ultrahpq.com)

### Jet Zero Australia Pty Ltd

Jet Zero Australia is an Australian bioenergy company focussed on the production of sustainable aviation fuel (SAF). The company wants to fuel planes using SAF made from agricultural by-products and is backed by strategic partners Qantas, Airbus and Idemitsu. Jet Zero is conducting a feasibility study on an additional SAF feedstock and production facility for Lansdown, amidst an emerging local ecosystem of renewable power and green hydrogen. A domestic SAF industry is expected to be worth \$3 billion annually and could create up to 15,600 jobs nationwide by 2050.

[jetzero.com.au](http://jetzero.com.au)

### Project Green Poly

The Queensland Government declared Project Green Poly a Prescribed Project in March 2024. Project Green Poly represents a \$7.8 billion investment and will create one of Australia's first integrated mine-to-manufacturing polysilicon supply chains.

The project is expected to create 4400 jobs in and around Townsville during construction and the facility will run for 30 years or more, supporting the worldwide expansion of solar PV energy generation.

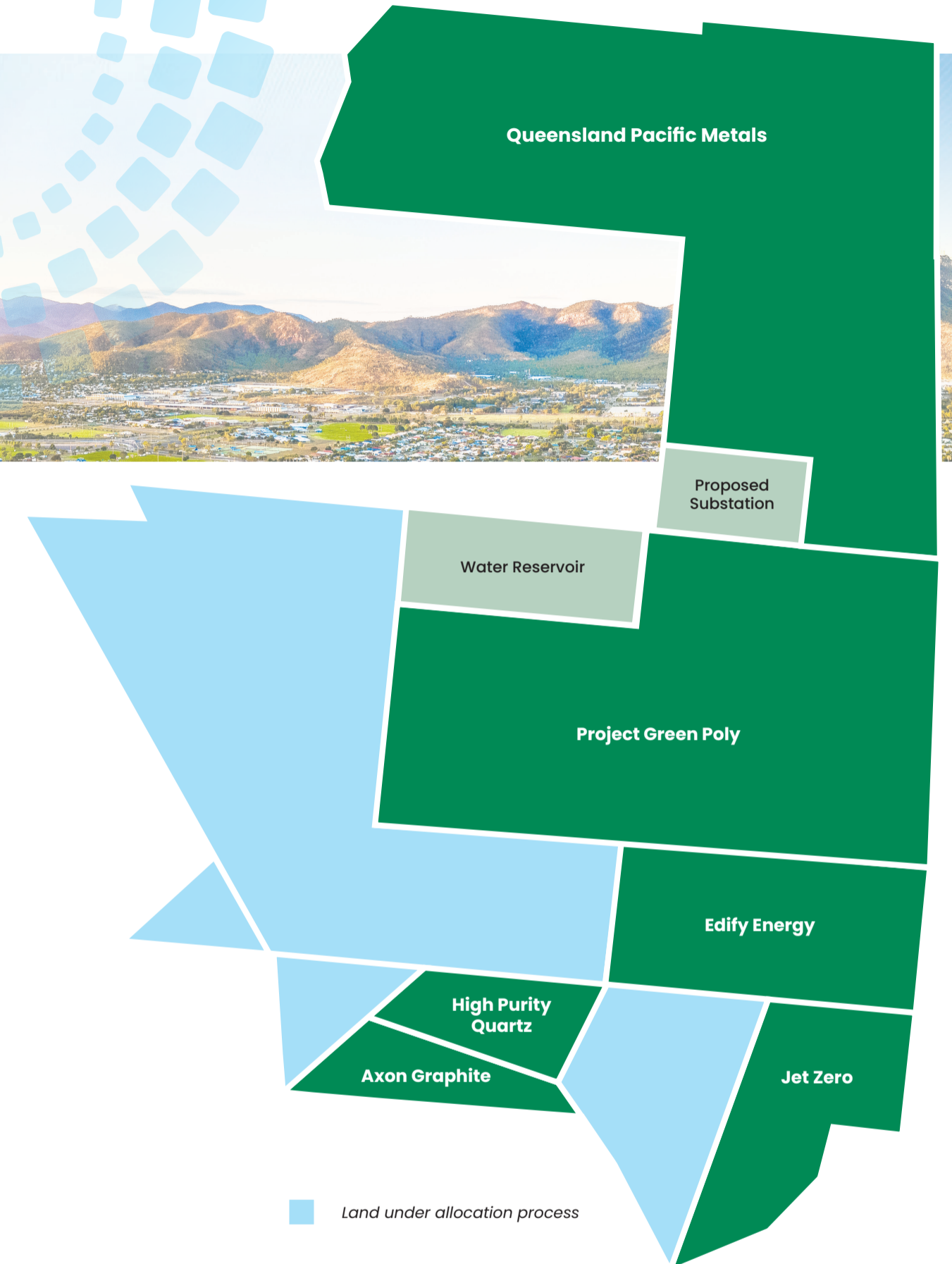
[www.solquartz.com.au](http://www.solquartz.com.au)

### Queensland Pacific Metals Townsville Energy Chemicals Hub (TECH project)

The TECH project is being developed in response to the growing demand for battery materials for electric vehicles, particularly nickel and cobalt. Once operational, the project will be a world-leading zero waste, carbon negative, sustainable, clean and green production facility, employing up to 1,400 people during construction and approximately 350 when operational.

The project is backed by world class shareholders, including South Korean Companies LG and POSCO and US industrial giant General Motors (GM). Combined, the 3 companies have contributed and committed over \$125M of equity funding, with GM alone having committed \$108M. All these manufacturers have invested to secure their share of nickel and cobalt to power their future electric vehicles.

[qpmetals.com.au](http://qpmetals.com.au)



## Enabling Infrastructure

Council has committed to ensuring roads and raw water supply are in place to meet the operational requirements of proponents (enabling infrastructure) and has secured \$74m from the Australian and Queensland Governments toward enabling infrastructure projects.

### Completed Works

Dec 2023  
Flinders Highway intersection upgrade ✓

Early 2024  
No-Name Road Stage 1 construction ✓

### Upcoming Works

Late 2024  
Raw water pipeline

Jones Road intersection upgrade

No-Name Road Stage 2 construction

2025  
Construction of raw water storage reservoir



Scan here for more information

[townsville.qld.gov.au/lansdown](http://townsville.qld.gov.au/lansdown)

The Lansdown Eco-Industrial Precinct is jointly funded by the Australian Government and Queensland Government in partnership with Townsville City Council.



Australian Government



City of Townsville



Queensland Government