



Economic Analysis Summary

Renewable Energy Industrial Precincts
Hunter Valley and Gladstone

Overview and Aims

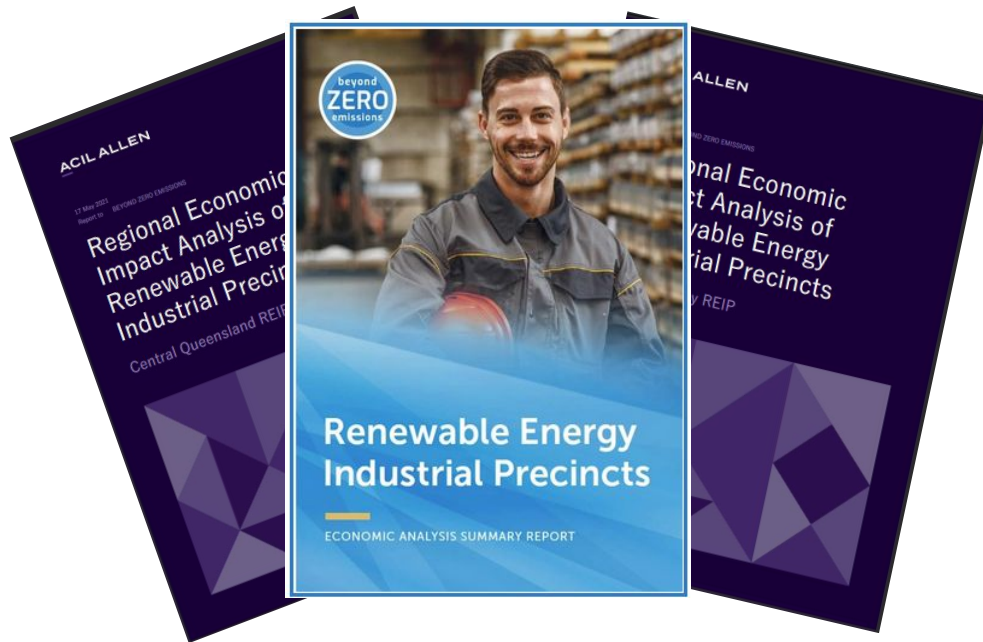
Renewable Energy Industrial Precincts

- **Build on existing economic strengths** in mining, mineral processing and manufacturing
- Create secure and **good quality jobs** in regional communities
- Support local **business innovation** and economic diversification
- Connect abundant, **low-cost renewable energy** with our industrial strength
- Put regions in control of their **economic future**

Priority locations for establishing Renewable Energy Industrial Precincts



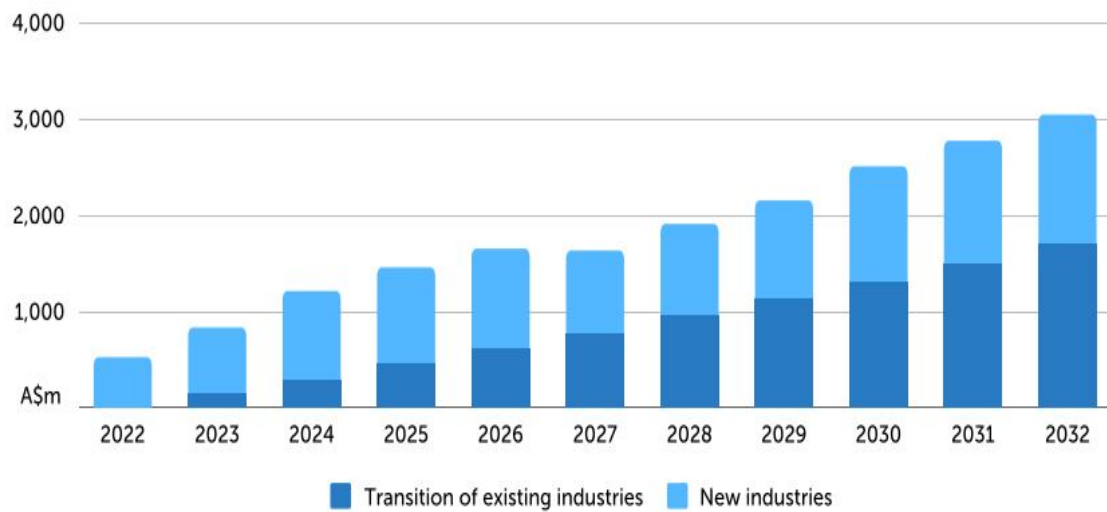
Economic Analysis - Gladstone and Hunter Valley REIPs



Impact on economic outputs

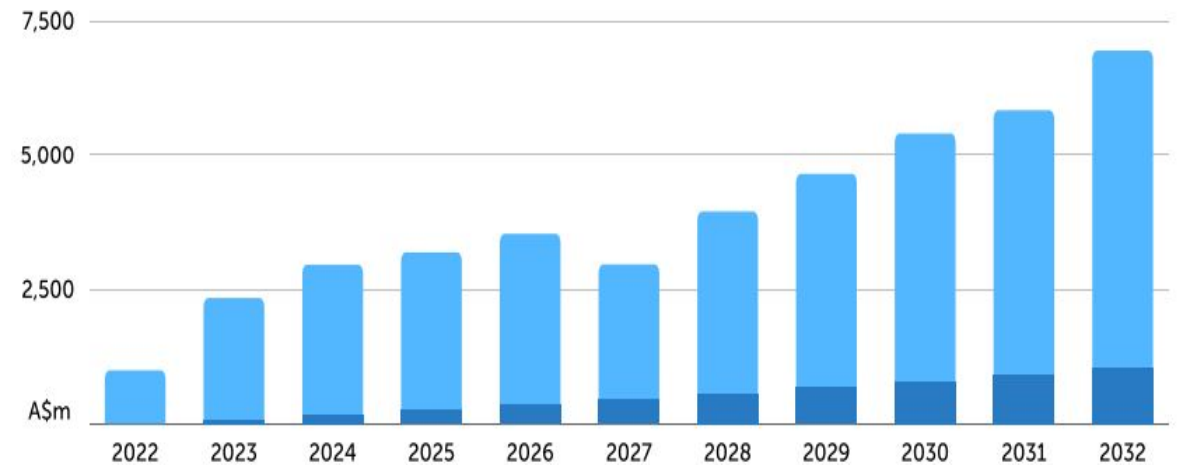
Gladstone REIP

Figure 1 Real economic output impacts in the Gladstone region by industries, 2022-2032



Hunter Valley REIP

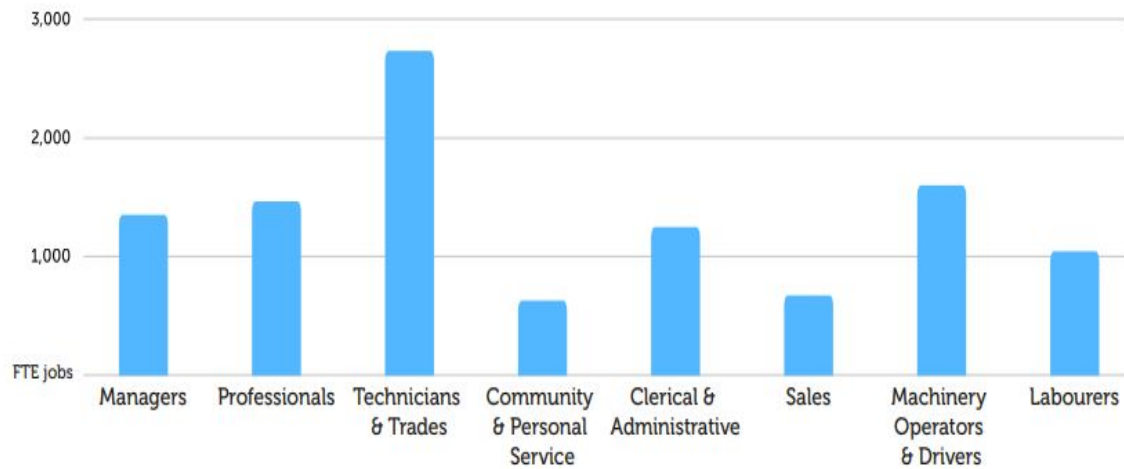
Figure 2 Real economic output impacts in the Hunter Valley region by industries, 2022-2032



Job creation by occupation

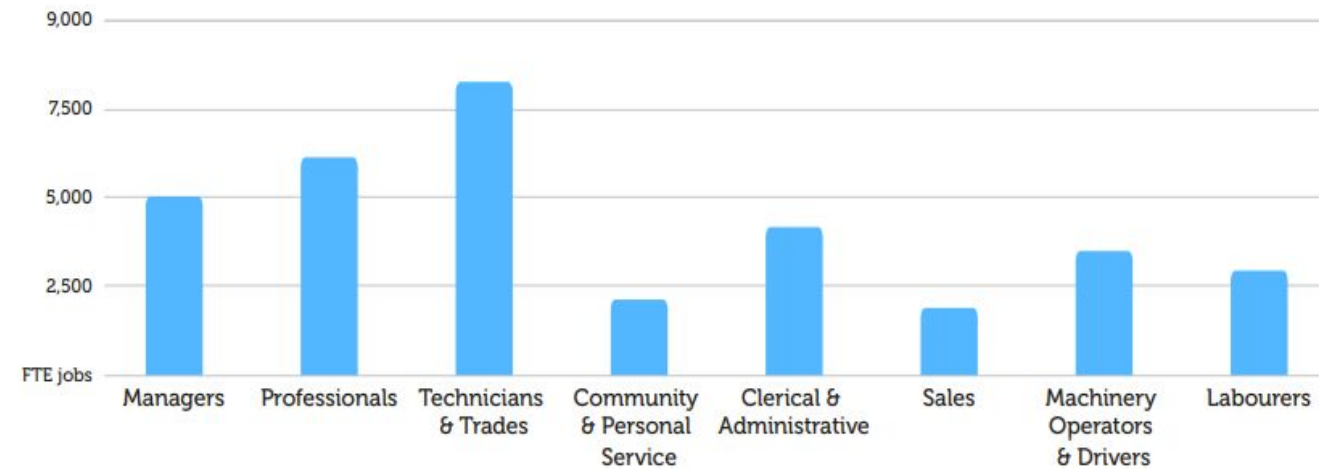
Gladstone REIP

Figure 3 Impact on occupations in Gladstone in 2032



Hunter Valley REIP

Figure 4 Impact on occupations in Hunter Valley in 2032





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Hunter Overview

Current State

Centre for coal mining and energy exports for 200 years.

Well known for manufacturing, and energy-intensive industries:

- aluminium
- steel making

Population ~620,000

Home of the largest coal export terminal in the world

Federal Electorates of Hunter, Paterson, Lyne, and Newcastle

REIP Suitability

World-class, deep water port.

Established export focussed industrial sector.

Large renewable resources in the Hunter Renewable Energy Zone

New Industries

New industries attracted to the competitive advantages of the region:

- including battery manufacturing
- renewable hydrogen
- renewable steel
- resource recovery
- low carbon building materials.

Additional benefits not modelled:

Retained existing industries

- aluminium
- chemical production
- steel manufacturing

- Construction and maintenance of REIP renewable energy supply including offshore wind development

Hunter Modelling Results

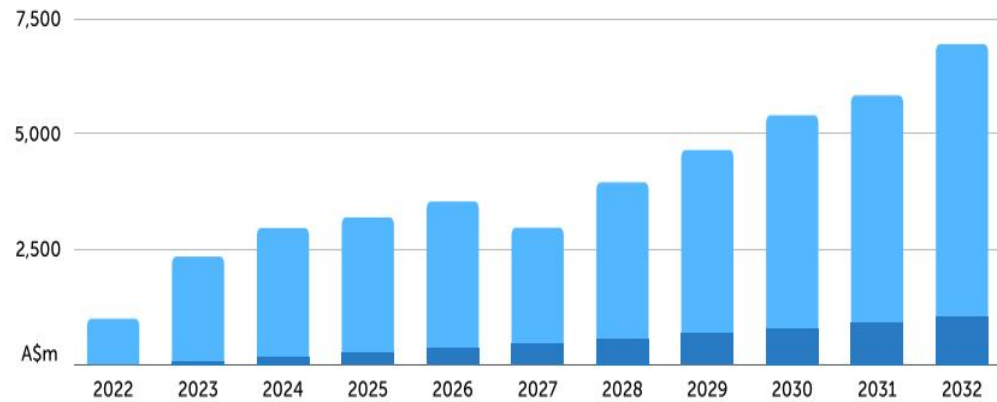
Unlock new capital investment of **\$28 billion**

This will create **34,000 new local jobs** in new industries

Generate **\$11 billion** in revenue by 2032.

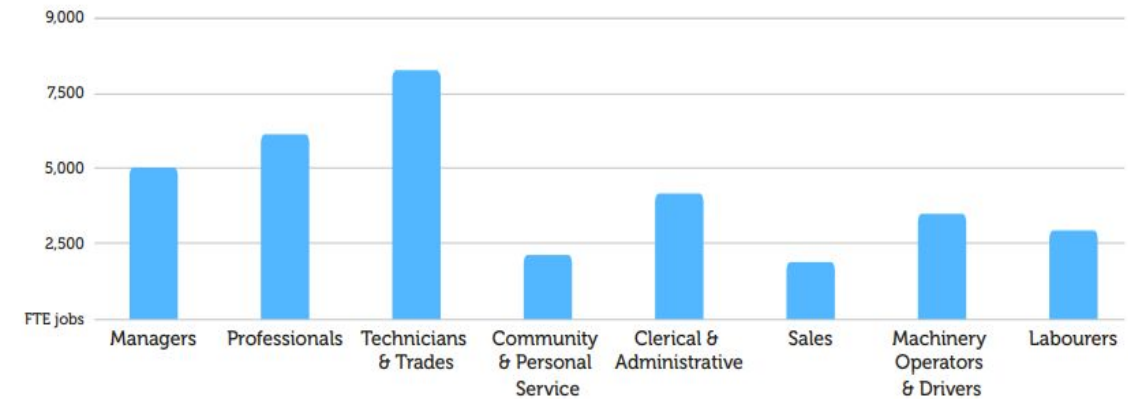
Economic Impact

Figure 2 Real economic output impacts in the Hunter Valley region by industries, 2022-2032



Impact on Occupations

Figure 4 Impact on occupations in Hunter Valley in 2032



Gladstone Overview

Current State

Export economy based on coal, aluminium and alumina, fossil gas, sulfuric acid, and meat products.

Population of ~33,000 people

Home of three LNG export terminals

Federal Seat of Flynn

REIP Suitability

World-class, deep water port.

Established export focussed industrial sector.

Extensive hydrogen development opportunities

Large renewable resources in the Central Renewable Energy Zone

New Industries Modelled

- Renewable hydrogen
- Ammonia production
- High purity alumina
- Wind turbine manufacturing
- Resource recovery industries.

Additional benefits not modelled:

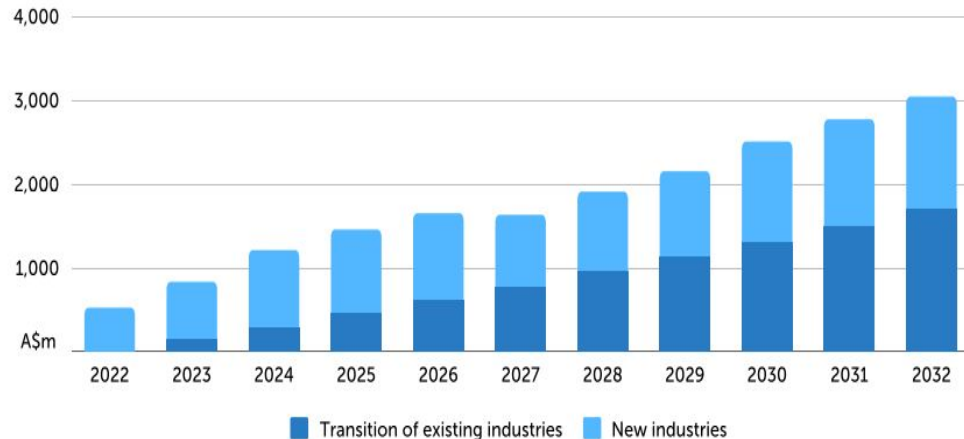
- Retain energy intensive industries
 - aluminium smelter
 - chemical production
- Construction and maintenance of REIP renewable energy supply

Gladstone Modelling Results

- \$7.8 billion capital investment in the region (inc \$1.7 billion storage/firring)
- \$2B extra revenue per annum by 2032
- 11,000 new jobs for Gladstone and 2500 in broader QLD

Economic Impact

Figure 1 Real economic output impacts in the Gladstone region by industries, 2022-2032



Job Types Created

Figure 3 Impact on occupations in Gladstone in 2032

