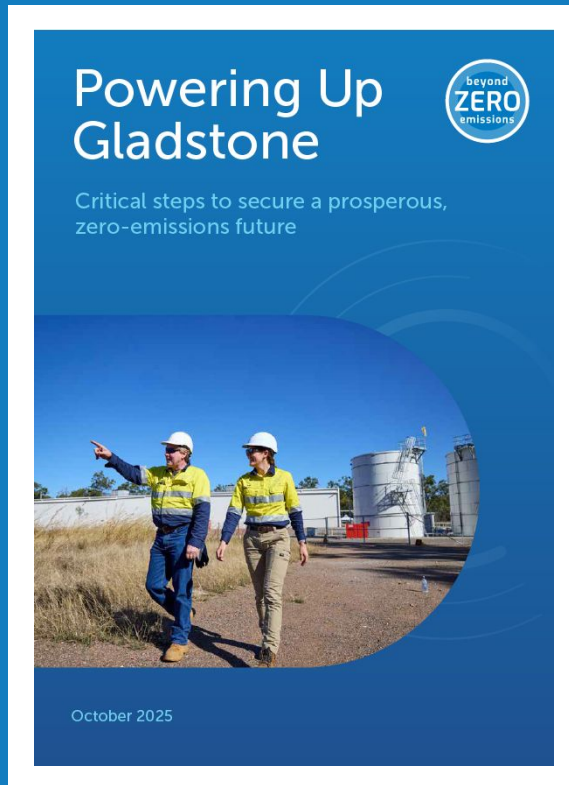


Powering Up Gladstone

Gladstone Regional Council Deputation

3 February 2026

Heidi Edmonds and Matt McKee



About Us

Our optimistic and compelling solutions inspire industry, political decision-makers, and regional communities to accelerate climate action and turbo-charge Australia's shift to the zero-emissions economy.



What is a Renewable Energy Industrial Precinct?

- A manufacturing cluster sharing renewable energy infrastructure and powered by 100% renewables
- Centre of manufacturing for energy-intensive exports
- Located near Renewable Energy Zones or well-connected to renewable energy generation

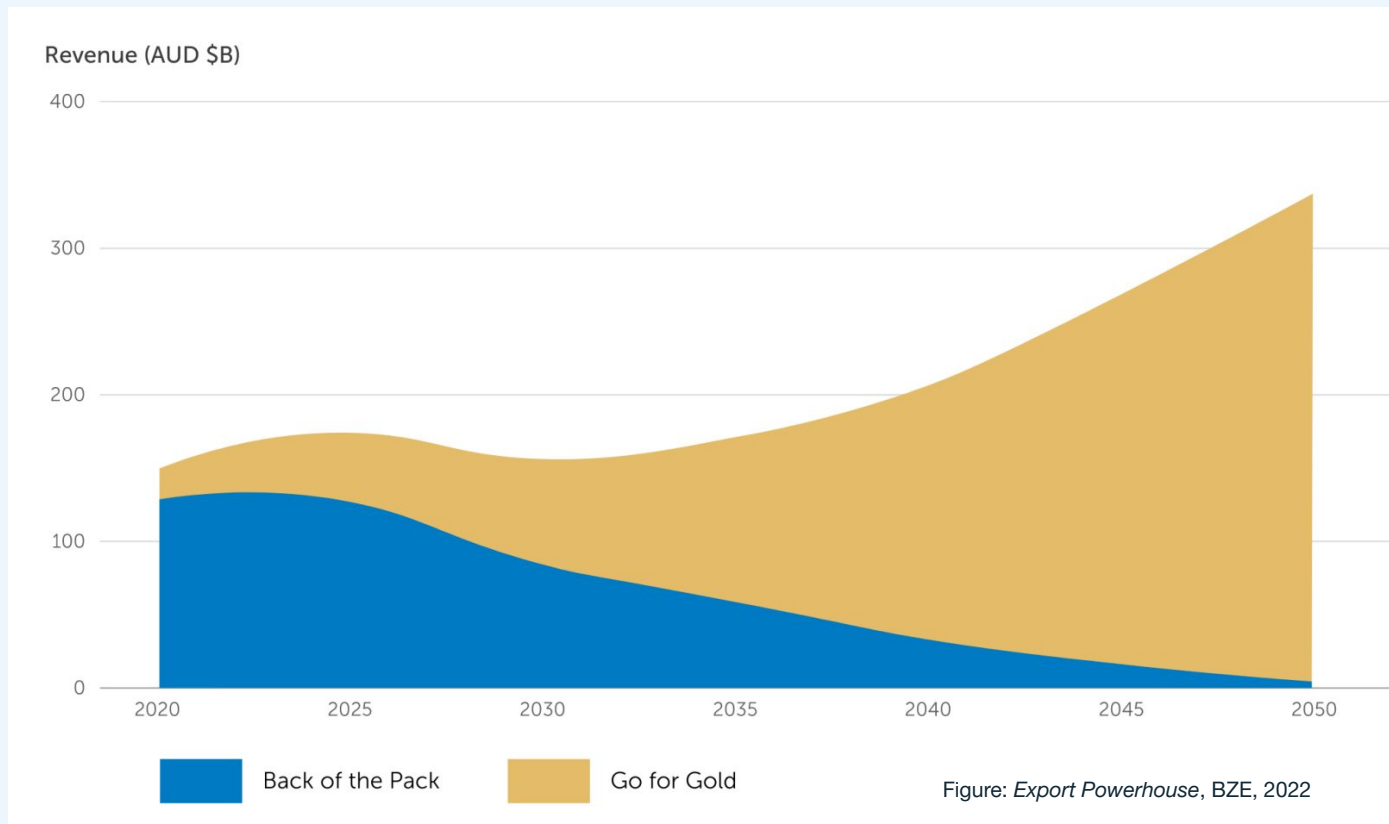
Shared renewable generation & storage



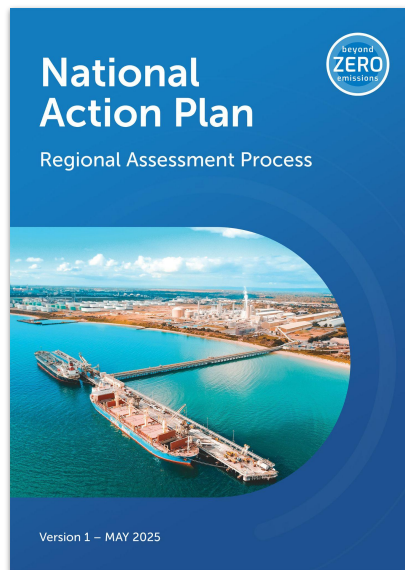
Driving zero-emissions industry



Australia's opportunity

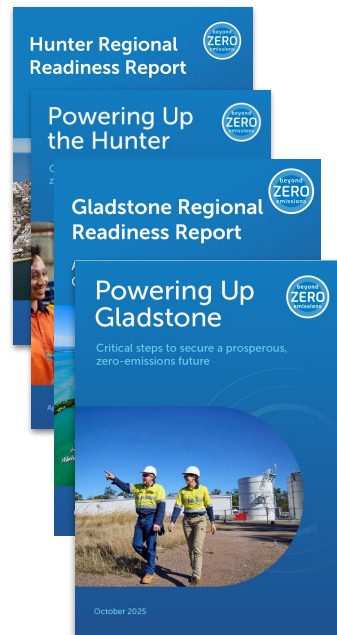


A national plan to decarbonise and grow

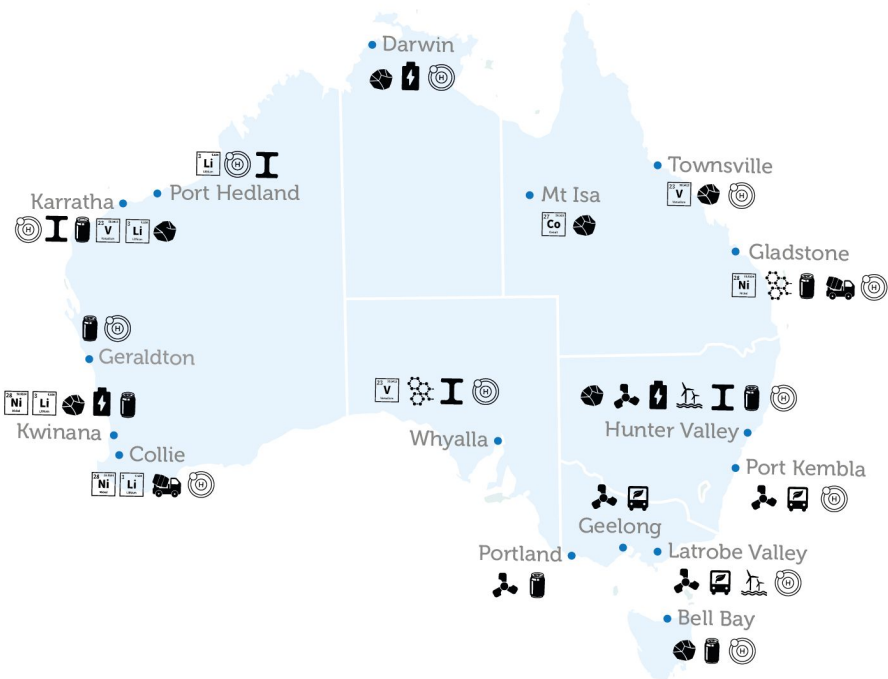


Regional Assessment Process

- Transparent & replicable
- Applies to industrial regions



Regional Insights



Success criteria for regions to thrive



Enabling Infrastructure

Energy System

Renewable energy generation
Transmission network
Distribution network
Energy storage
Hydrogen network

Energy system orchestration

Transport System

Port
Rail
Road

Transport networks

Water System & Waste Management

Water supply
Wastewater management
Solid waste & resource recovery

Social Infrastructure

Housing
Health
Education

Communications Infrastructure

Digital infrastructure



Industry Capability & Capacity

Industry Decarbonisation

Industry decarbonisation plans

Workforce Capacity to Deliver

Existing workforce capacity
Reskilling and upskilling programs

Innovation & Knowledge Development

Innovation
Commercialisation
Knowledge generation and sharing

Collaboration & Industrial Ecosystems

Industrial symbiosis & material exchange
Coordinated infrastructure plan for common user infrastructure
Contribution to Australian supply chain resilience
International linkages / international coordination



Policy & Governance

Federal Policy

Emissions reduction commitment
Skills and training
Approvals processes
Investment framework
Research and development
Government procurement support

State Policy

Emissions reduction commitment
Skills and training
Approvals processes
Investment framework
Research and development
Government procurement support

Local Government Policy

LGA decarbonisation plans
Regional climate adaptation / resilience plan

Governance

Regional coordination
Regional representation of key agencies
Policy alignment and coordination



Social Acceptance

Community Benefits & Impacts

Strategic and nature-positive land-use planning
First Nations community benefit sharing
Wider community benefit sharing
Demographic planning

Engagement & Participation of Communities

Knowledge sharing and co-design forums
Effective First Nations engagement
Effective community engagement
Public awareness and education





Financing the Transition

Investment

Public finance commitment
Attracting private investment

Risk & Resilience

Risk and resilience

 Evaluated as part of preliminary assessments
 Criteria yet to be investigated



Gladstone Findings

Why Gladstone?

REIP Potential - 2035



\$7.8b

Regional
Investment



\$2b

Annual REIP
Revenues



11,000

New
manufacturing
jobs

Today's Assets - 2025



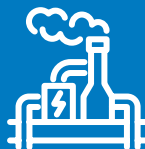
15%

Workforce in
Manufacturing



67%

Export
Value



35%

Australia's
Aluminium
Production

Industry Decarbonisation

3



3 of 5 main manufacturers have ambitious decarbonisation plans



Great solo efforts - little coordination



Generation and transmission delays risk industry plans



H₂ is key, but no commercial scale solutions

Enabling Infrastructure



Only **12%** of generation needs in construction or operation



Just **14%** of storage duration needs delivered versus **45%** of capacity



Gladstone Project only partially sufficient for current industries



Stalled REZ rollout—coordination opportunities being missed



Project cancellations weaken H2 pipeline

Government Policy



Gladstone: **high priority**
for Federal & State



Strong LGA Plan, Targets
Need Support



Approvals reform remains a
critical bottleneck



Conflicting Signals



Offsets Overused, Cuts
Delayed



Funding Promised, **Thin**
Disbursement

Strategic & Nature Positive Land Use Planning



Useful land use data exists



Progression in pilot studies and
land use prioritisation research



Better data integration and tools
are needed

What's needed?

1. **Action, not announcements** - accelerate deployment of previously approved renewables capacity
2. **Industry coordination is critical** - companies would strongly benefit from collaboration around demand and common infrastructure
3. **Align policy signals** - Disconnected federal and state policy environments and ongoing fossil fuel support impacts investor confidence





Contact

Matt McKee

Chief Researcher

matt.mckee@bze.org.au

+61 466 903 125

Dr Heidi Edmonds

Senior Researcher

heidi.edmonds@bze.org.au

+61 432 998 388



**Download the
Report**

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