



# Boomer Green Energy Hub

Community Consultation Sessions

13-15 August 2025

# Acknowledgement of Country

We acknowledge the Traditional Custodians of the land upon which we meet and their continuing connection to lands, waters and communities.

We pay our respects to Elders past and present.



# Introductions

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## **Ark Energy**

- Rosahlana Robinson - Senior Project Manager, Boomer Green Energy Hub
- Gavin Lee - General Manager Development, Queensland
- Melissa Pisani - Head of Communications and Stakeholder Engagement
- Kasandra Beckman - Development Manager
- Matt Garbutt - Project Officer
- Peter Graham - Project Officer

## **Attexo**

- Comila Roebuck - Senior Consultant, Social & Environmental
- Nikki O'Donnell - Senior Principal Consultant – Biodiversity & Impact Assessment

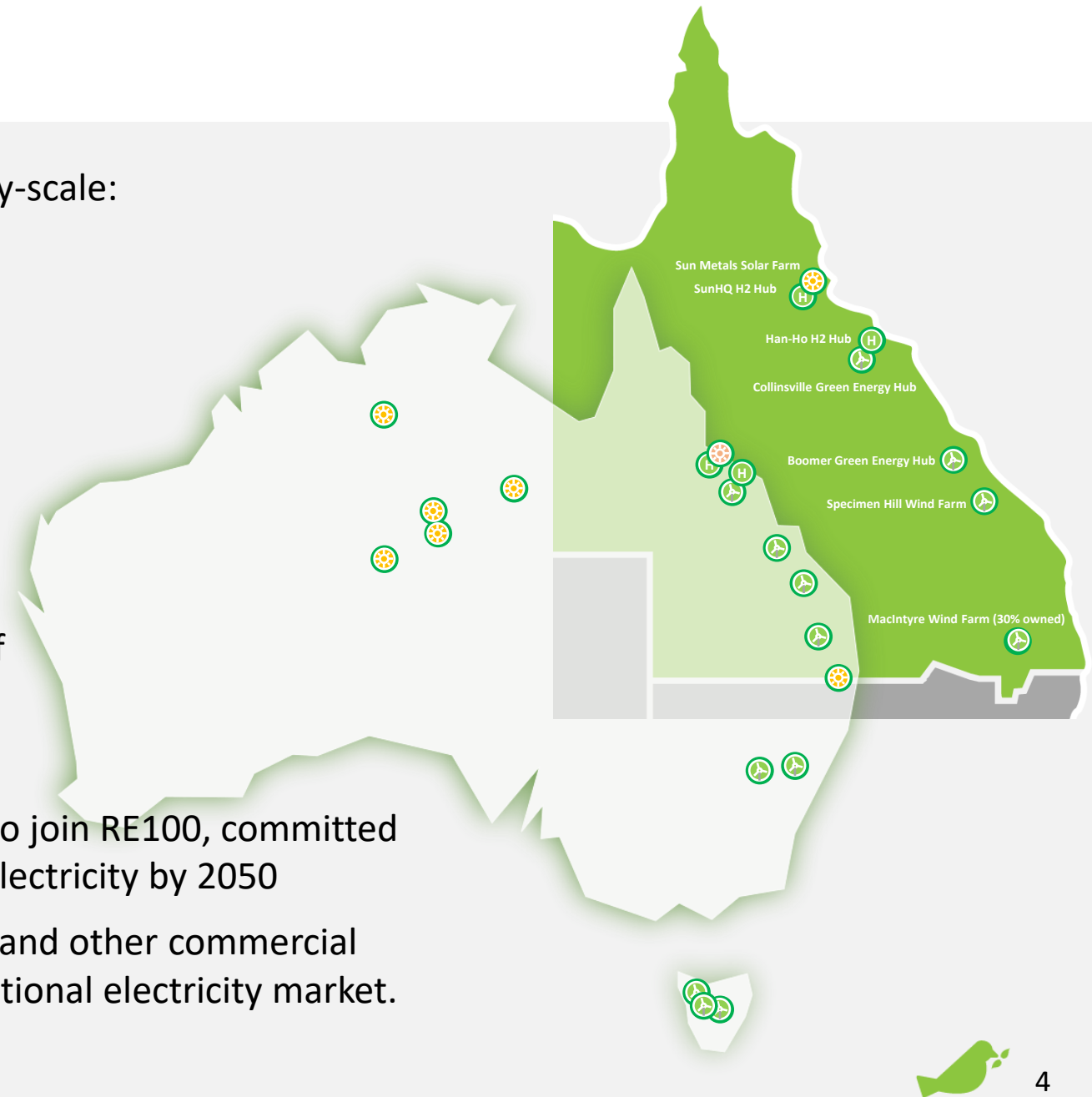
## **Red Sun Land Consulting**

- Chris Sunderland – Sociologist – Social and economic impact assessment



# Ark Energy

- Specialising in the development and operation of utility-scale:
  - Onshore wind and solar energy generation
  - Battery energy storage systems
  - Renewable hydrogen production.
- Team with 20+ years experience in renewables.
- Projects (12) in development in NSW, Qld. and Tas.
- 30% of MacIntyre Wind Farm
- Operation of Sun Metals Solar Farm – supplies ~25% of the Sun Metals zinc refinery's electricity needs .
- Solar assets in NT.
- Australian subsidiary of Korea Zinc, first major refiner to join RE100, committed to powering global operations from 100% renewable electricity by 2050
- Focused on decarbonising parent company Korea Zinc and other commercial and industrial customers, contributing to Australia's national electricity market.



# What can a renewable energy development offer the community?

- Coexistence with cattle grazing, providing a reliable, supplementary source of income for landowners.
- Employment and procurement opportunities.
- Increased patronage for local businesses.
- Opportunities for Traditional Owners and First Nations peoples with connection to the land.
- Improved knowledge about the local natural environment and more support for land improvement initiatives.
- Community benefit agreements to support the area's socio-economic development including services, facilities, community-based initiatives and projects.
- More renewable generation, providing clean electricity and putting downward pressure on electricity prices.



# Development approach

Avoiding, minimising and mitigating negative impacts is a priority.

Ark Energy's approach during early development is to:

- Iterate the project's design as more information becomes available, to avoid and minimise negative impacts to the maximum extent achievable.
- Consult widely with stakeholders – to identify opportunities, concerns, collaborate on solutions, find workable compromises with meaningful benefit.
- Invest and collaborate on strategies and commitments for environmental repair such as rehabilitation of the initial construction disturbance, environmental offset areas and tailored management regimes (fire, pests, weeds) to improve habitat values.
- Focus on how to achieve 'net gains' for biodiversity and key species in the project area over the longer term.
- Maximise opportunities for local and in-region procurement, investment and benefits.



## **Coexistence**

*Wind turbines are a complementary land use for grazing, and typically installed on parts of the property that are less suitable for grazing.*



# Community engagement approach

- Guided by the International Association for Public Participation (IAP2), leading practice and tailored plans.
- Signatory to Clean Energy Council's *Best Practice Charter for Renewable Energy Projects* - voluntary commitments to engage respectfully with communities, be sensitive to environmental and cultural values, and make a positive contribution to the regions in which we operate.
- Open, accessible, responsive, transparent.
- Multiple, ongoing channels: dedicated email, 1800 number, Rockhampton information centre, public local sessions, participation in community events, feedback and supplier forms on the website, community consultation group (to be formed).

Focused on:

- Providing opportunities for participation.
- Maximising meaningful benefits and outcomes.

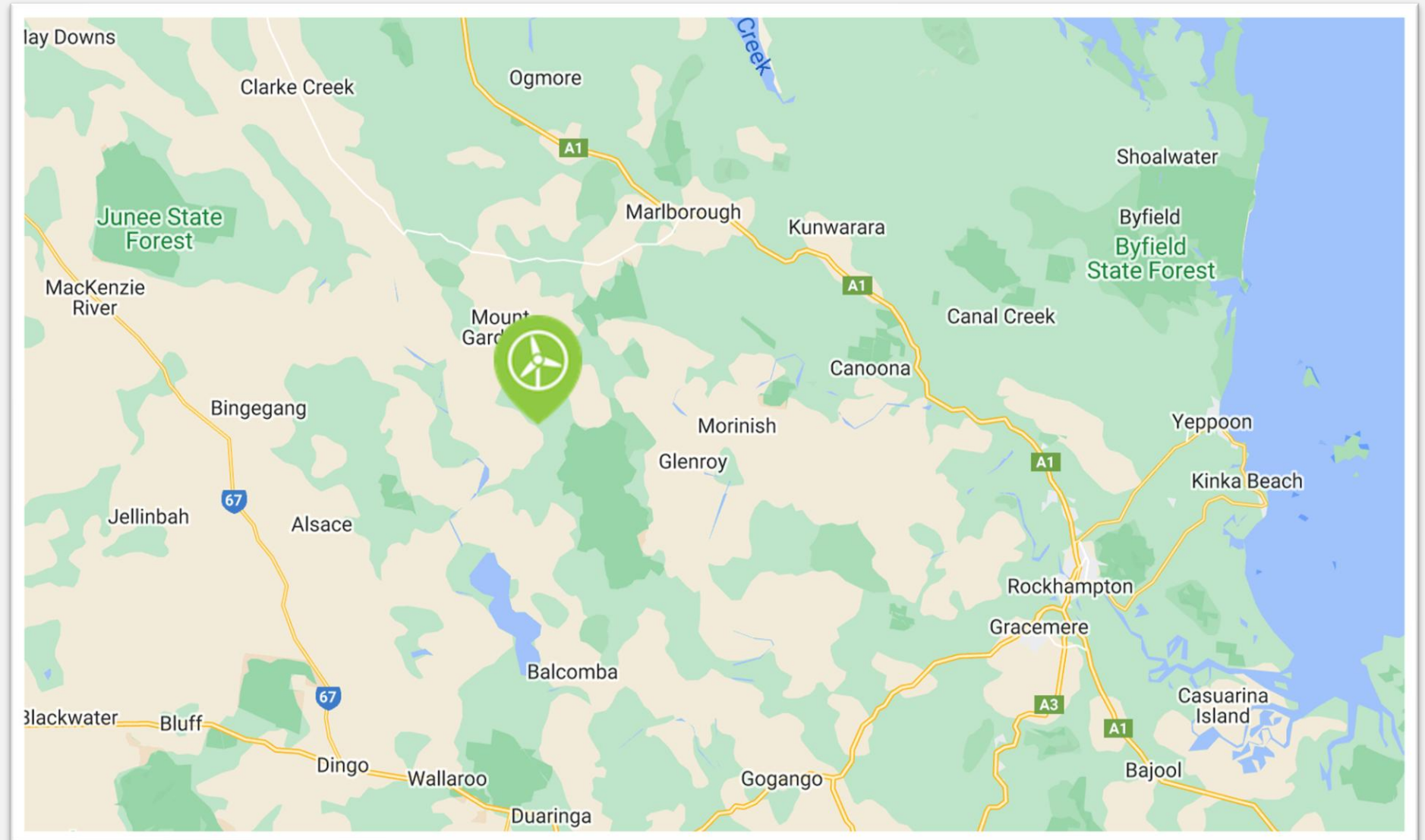


Input from community members is welcome and valued, and where practicable incorporated into project design to improve outcomes and benefits.



# Boomer Green Energy Hub

Near Mount Gardiner,  
approximately 30 km  
south-west of  
Marlborough and 100  
km north-west of  
Rockhampton.



# Boomer Green Energy Hub



Nr. Marlborough  
Central Qld.



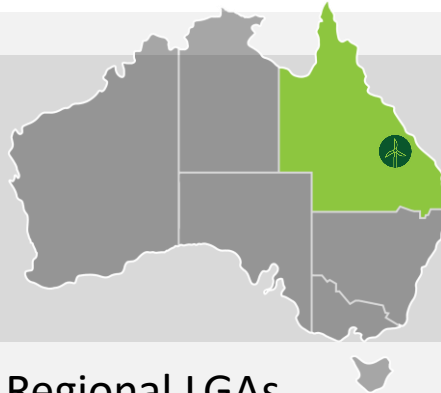
< Up to 145



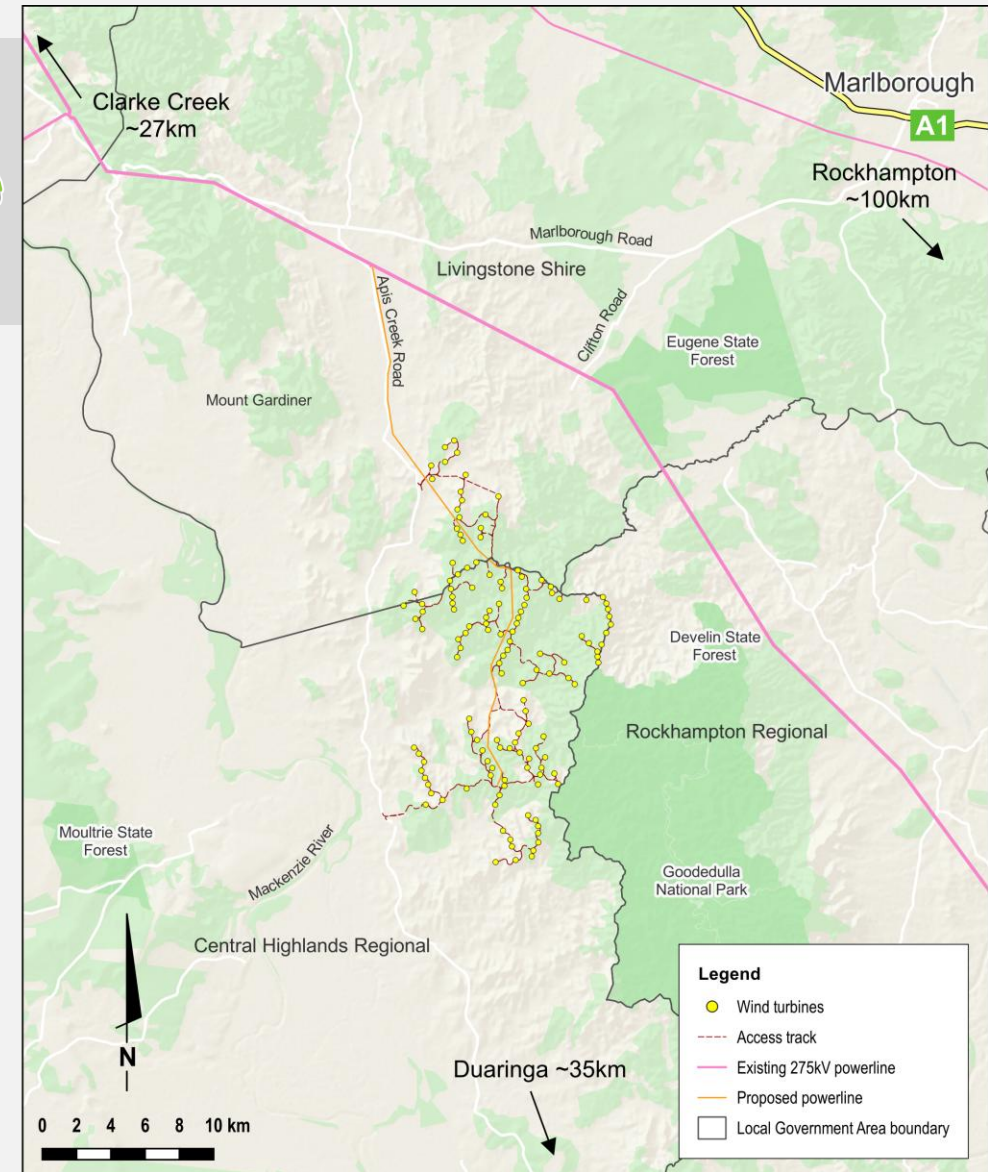
Target start of  
construction 2027



< 1,000 MW



- Within Livingstone Shire and Central Highlands Regional LGAs.
- Across several pastoral properties with mixture of historically cleared pastureland, remnant woodland and non-remnant (regrowth) vegetation.
- Strong wind resource, complementary land use, few neighbours, proximity to grid connection, transport corridors and ports.
- Capital investment of ~A\$3 billion, estimated to generate >\$500 million in local/regional expenditure, create < 450 jobs during construction and ~20 for operation.
- Design refined over last 12 months. Up to 145 wind turbines, UG reticulation, overhead powerlines, two substations and associated infrastructure (BESS), O&M facilities.
- Generation capacity of up to 1,000 megawatts.



# Assessment – Queensland Government

- The Queensland Government will assess and determine the **development application** under:
  - State Code 23: Wind Farm Development
  - State Code 16: Native Vegetation Clearing.
- Technical studies, reports and management plans include:
  - Ecology (flora, fauna, vegetation), use of agricultural land, erosion risk, sediment and erosion control, water, weeds and pests, rehabilitation, offsets.
  - Aviation safety, natural hazards, bushfire
  - Acoustic amenity, electromagnetic interference, shadow flicker, scenic amenity.
  - Workforce accommodation.
  - Transport networks, traffic.
  - Community engagement/impacts, Community Benefit Agreement (CBA), supported by Social Impact Assessment (SIA).
  - Decommissioning.
- **Target to submit DA - early 2026.**
- After the DA and reports have been lodged and accepted, they will be placed on public exhibition for comments. Ark Energy will be required to respond to submissions and then submit final documents.



# Assessment – Commonwealth Government

The Australian Department of Climate Change, Energy, the Environment and Water (DCCEEW) will assess and determine the proposal's **environmental** impacts under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act), which protects matters of national environmental significance.

- Determined 'controlled action' under Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act), to be assessed by Environmental Impact Statement (EIS) (Ref 2022/09396).
- Controlling provisions:
  - Listed threatened species and communities
  - Listed migratory species
  - Great Barrier Reef Marine Park, GBR World Heritage property, GBR National Heritage place.
- Final Guidelines for the EIS issued in May 2023.

- **Target to submit EIS – Q4 2025.**
- After the EIS has been lodged and accepted it will be placed on public exhibition for comments. Ark Energy will be required to respond to submissions and then submit final documents.



# Work done to date

- Resource monitoring – wind data collection (mobile and met masts).
- Ecology (flora and fauna) - three years of surveys.
- Geotechnical and constructability (civils) studies.
- Engineering design – grid, electrical, balance of plant
- Cultural heritage
- Traffic and transport
- Technical studies and assessments: scenic amenity and landscape values, aquatic ecology, water quality, noise, electromagnetic interference, natural hazards and extreme weather events, aviation safety, sediment and erosion control, workforce accommodation, socio-economic impacts, environmental rehabilitation, decommissioning.



# Environmental studies – key findings to date

- Ecology work to date:
  - Since 2022 – three years, by specialists and survey teams.
  - 4,000 + hrs on site
  - 22 survey periods
  - Targeted surveys for several key species.
- Up to ~80 design iterations to date based on inputs.
- Vulnerable and endangered flora avoided.
- Key fauna habitat avoided as far as practicable.
- Species found or evidenced within host property boundaries for special consideration in assessment: Greater Glider (E), Koala (E), Squatter Pigeon (V), White-throated Needletail (V, M), Fork-tailed Swift (M), Oriental Cuckoo (M).



# Local participation & benefit-sharing

## Employment & procurement

- Committed to maximising local and in-region opportunities and participation by ensuring consideration of existing capabilities, working with industry and government to improve industry participation and capabilities, optimising opportunities for local businesses, and employment of local personnel.
- Supplier form on the project website for EOIs to go to procurement team.

## First Nations

- Committed to maximising opportunities and providing meaningful, intergenerational benefits.
- Ongoing engagement with Traditional Owners, Barada Kabalbara Yetimarala People and other First Nation groups.
- Agreements to protect cultural heritage on the site and deliver benefits.

## Community

- Early development: community events, organisations and initiatives.
- Community benefit agreement - contextually-appropriate, meaningful legacy benefits.



# Key matters

## Workforce accommodation plan

- Accommodation camp proposed on site for practicality and safety.

## Transport and access route

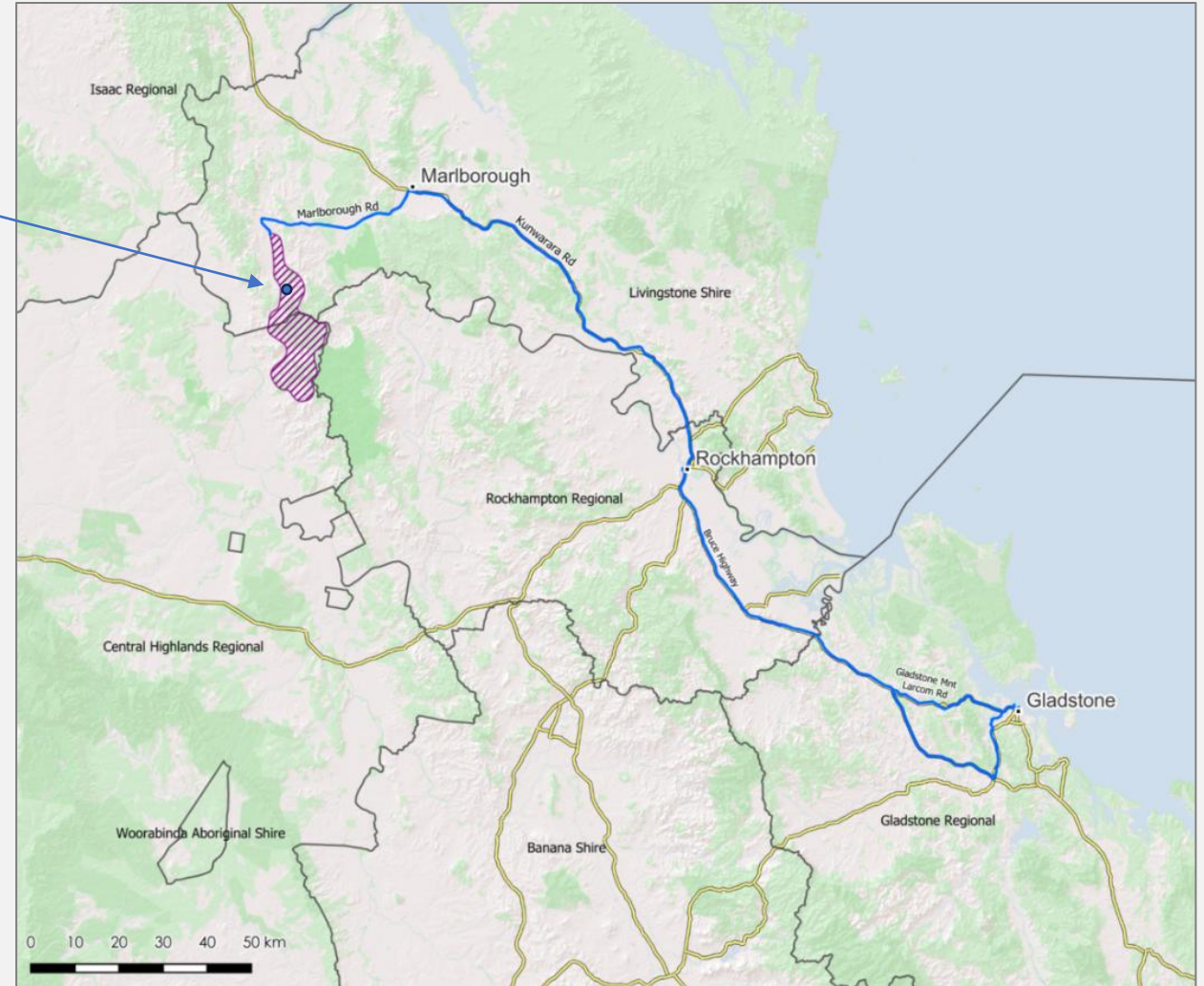
- Proposed transport route from Port of Gladstone.
- Site access from the north via Apis Creek Road.
- Engagement with TMR for Apis Creek Road upgrades.

## Resources

- Quarry materials expected to be sourced on site.
- Options for water supply being reviewed, expected to be a combination of local groundwater and surface water capture.

## Decommissioning

- State approved decommissioning management plans including financial security and waste management.



# Next steps

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- Consultation with community and local stakeholders – ongoing.
- Continued refinement of design based on inputs - up to ~80 design iterations to date.
- Local engagement for procurement - business networks, supplier events.
- Development of management plans and Community Benefit Agreement.
- Formation of community consultation group.

## Target dates

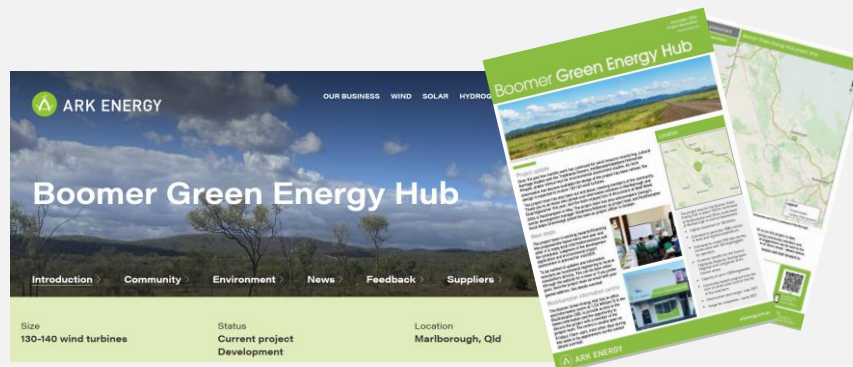
- Submission of draft EIS 2025 to DCCEEW
- Submission of DA to Queensland Government in early 2026.

- Management plans to be prepared include:
  - Construction Environmental Management Plan
  - Decommissioning and Waste Management Plans
  - Vegetation, Fauna and Weed and Pest Management Plans
  - Rehabilitation Plan
  - Sediment and Erosion Management Plan and Stormwater Management Plans
  - Bird and Bat Management Plan
  - Offset strategy
  - Bushfire and Site Stabilisation Management Plans
  - Traffic Management Plan and Noise Management Plan
  - Cleared Vegetation Management Plan
  - Community Benefit Agreement



# Contact details, information, feedback

- Boomer Green Energy Hub Information Centre – 1/24 William St, Rockhampton CBD.
- Website - [www.boomerhub.com.au](http://www.boomerhub.com.au) - issued newsletters, feedback and supplier EOI form.
- Direct contact details, anytime -  
Email: [info@boomerhub.com.au](mailto:info@boomerhub.com.au)  
Telephone: 1800 731 296.
- Newsletters -  
Email - <http://arkenergy.com.au/mailling-list-details>  
Post - provide mail (post) address to the project team.

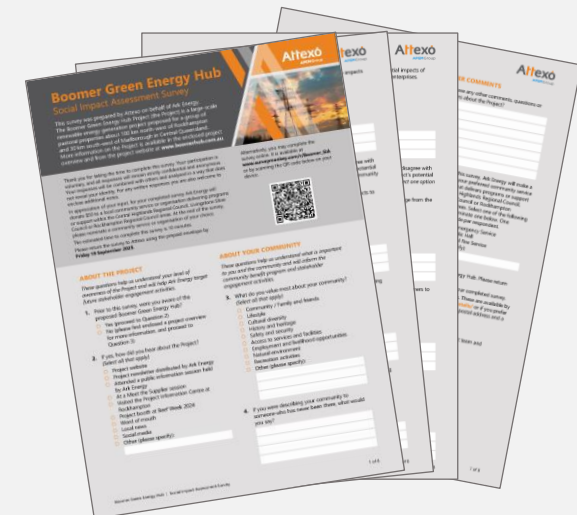


## Please complete Attexo's Social Impact Assessment Survey

Printed copy with reply-paid envelope or online at [www.surveymonkey.com.r/Boomer\\_SIA](http://www.surveymonkey.com.r/Boomer_SIA)

Nominate community service or program within Central Highlands, Livingstone Shire or Rockhampton LGAs for a \$50 donation.

Responses due Friday, 19 September 2025.



# Thank you

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Boomer Green Energy Hub

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