

Welcome

Townsville Industry Breakfast
Thursday 23rd November



Queensland
Government

The Department of
**State Development, Infrastructure,
Local Government and Planning**





Brenton Creed, Wulgurukaba Representative

Townsville Industry Breakfast

Kidston Wind Project

23 November 2023

Presented by Ben Williams
GM - Development and
Construction

Image: Wind co-located with pumped storage hydro and solar at the Kidston Clean Energy Hub

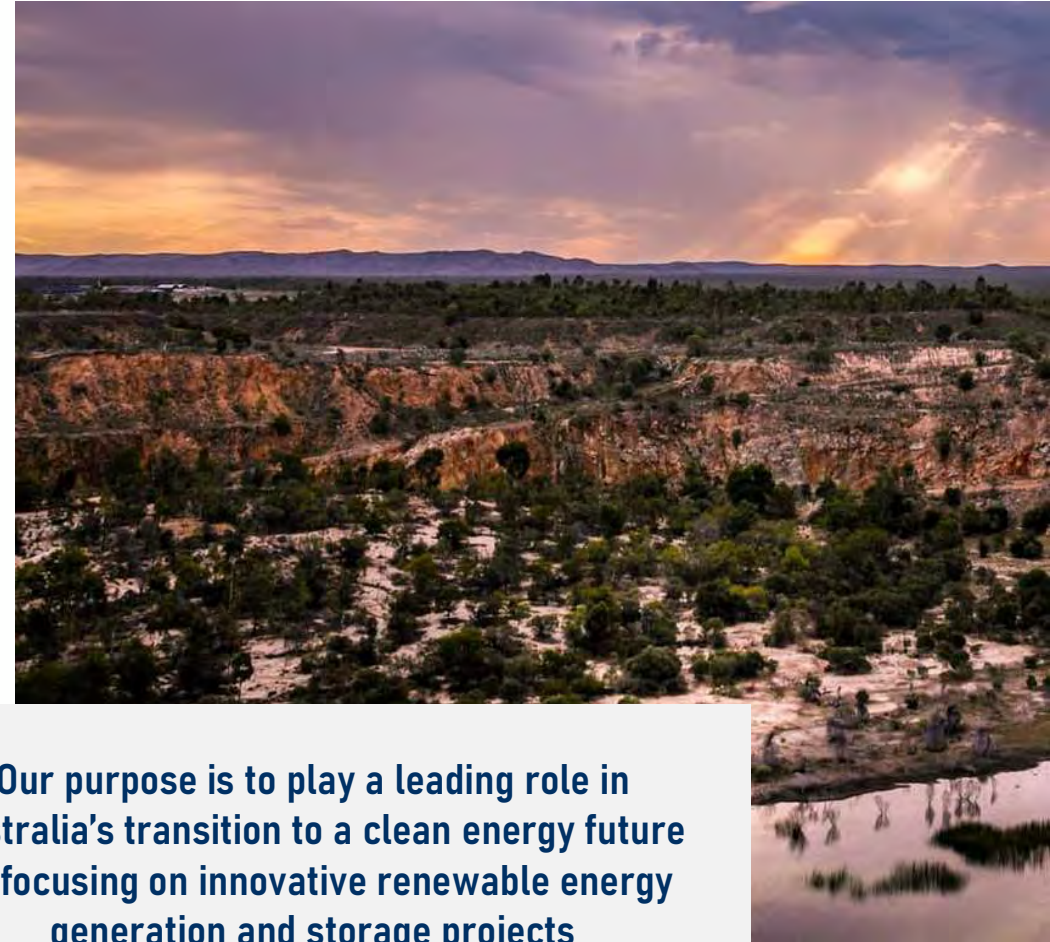
Genex 101

Genex is focused on developing a portfolio of renewable energy generation and storage projects in Australia including large-scale batteries, pumped storage hydro, wind, and solar across QLD and NSW

THE >\$1BN PORTFOLIO OFFERS:

150 MW	In operation
250 MW	Under construction
2.25GW	In pipeline assets
903 GWh	Generated
747,670	Tonnes CO2 saved

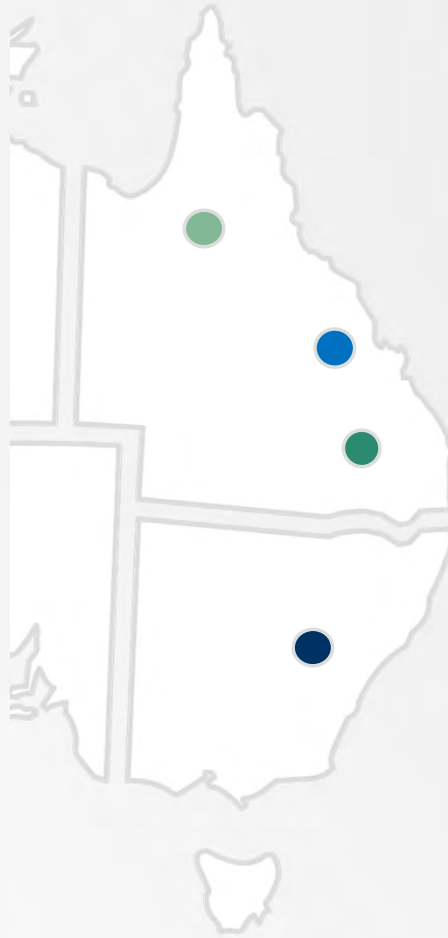
The first pumped storage hydro project in Australia in >40 years



Our purpose is to play a leading role in Australia's transition to a clean energy future by focusing on innovative renewable energy generation and storage projects

Diverse renewable energy project portfolio

By 2025 our portfolio of renewable energy and storage projects will provide clean energy to over 350,000 homes offsetting up to 2mtpa of CO₂ emissions



KIDSTON CLEAN ENERGY HUB



50MW Kidston Solar Project (Operating)



250MW/2000MWh Kidston Pumped Storage Hydro Project (Construction)



~258MW Kidston Wind Project (Development)



Up to 270MW Kidston Stage 2 Solar Project (Feasibility)

BOULDERCOMBE BATTERY PROJECT (BBP)



50MW/100MWh Large-Scale Battery Energy Storage System "BESS" (Commissioning)

BULLI CREEK CLEAN ENERGY PROJECT (BCP)



Up to 1.6GW Solar Project (Development)



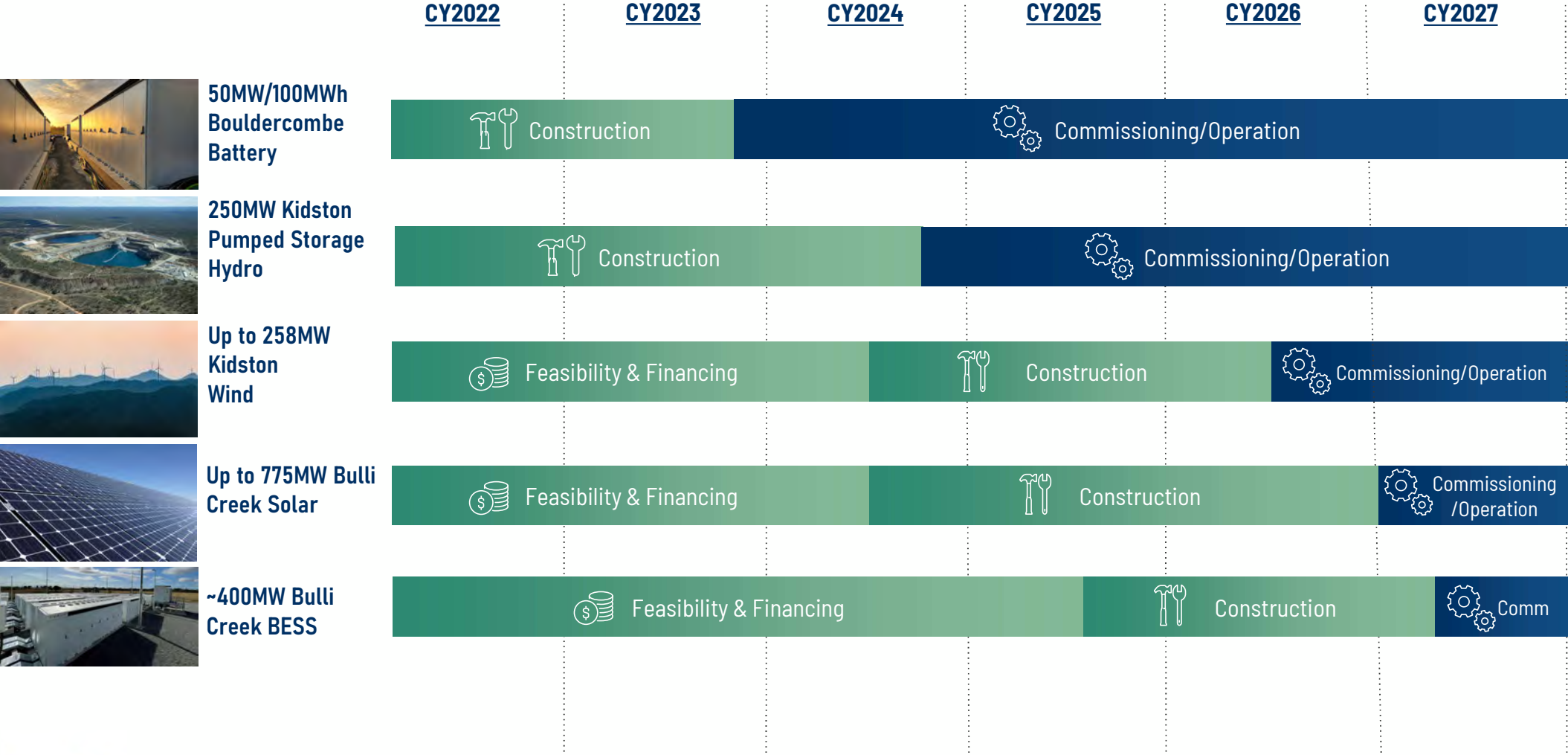
Up to 400MW/1600MWh BESS (Development)

JEMALONG SOLAR PROJECT (JSP)



50MW Jemalong Solar Project (Operating)

Genex project portfolio timeline



Key player in QLD's Renewable Energy & Jobs Plan

- Qld Government targeting 80% renewable energy by 2035, with a 90% reduction in electricity emissions
- New energy renewable projects will create 100,000 jobs, with 70% in regional Queensland
- Genex is well placed to assist the QLD Government in achieving these targets



900 jobs created
for **Kidston
Hydro**



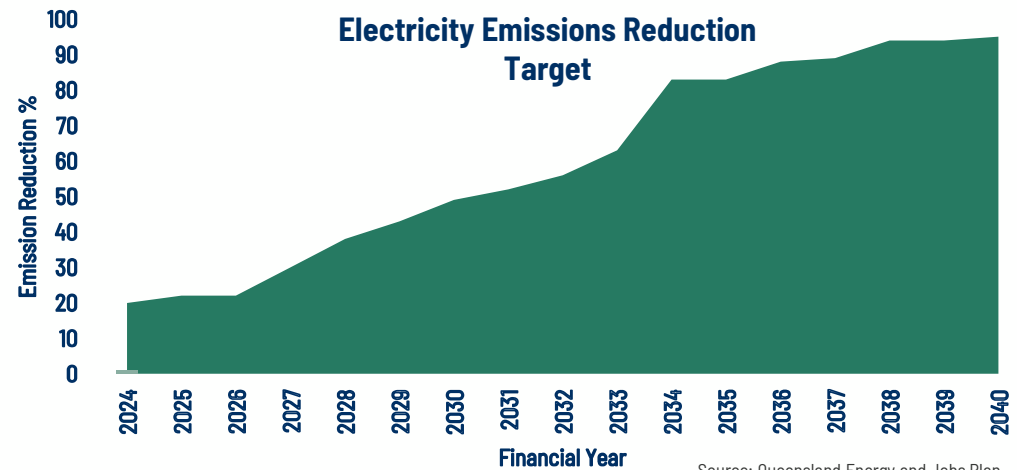
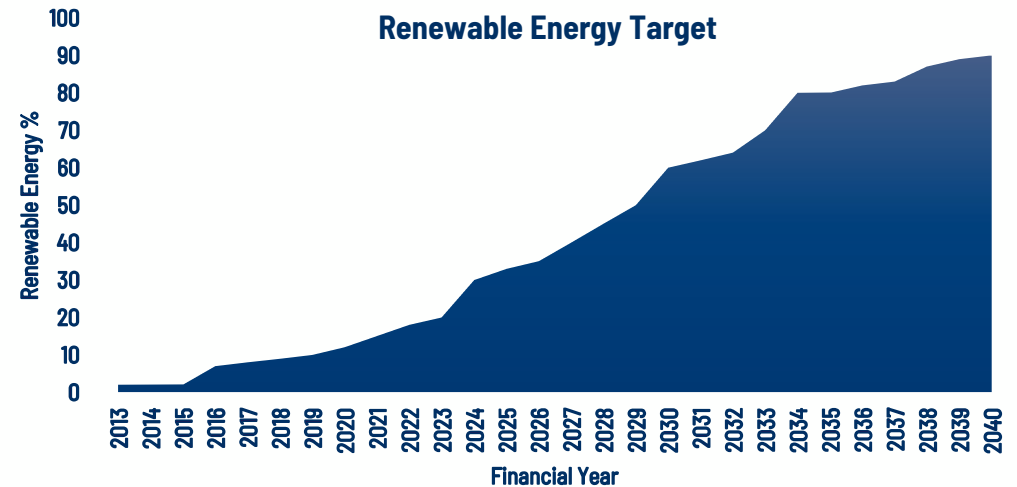
Projects provide
**boosts to rural
economics**



2.25GW
in Genex
development
pipeline



**Strong
relationships**
with **Qld GOCs**



Source: Queensland Energy and Jobs Plan

Our people, communities and the environment



People, Health and Safety

- Continuation of COVID-19 protocols to ensure our people and communities remain safe
- Commitment to managing risk and driving safety leadership through our organisation and ensuring our contractors implement best practice
- Strong focus on diversity and indigenous engagement within our workforce



Environment

- Strict focus on minimising disturbance
- Commitment to conserving and protecting the environments we operate in
- K2-Hydro converting disturbed mine site to sustainable energy generation
- 2 million tonnes CO₂ abatement by 2025





Community

- Focus on job creation in our local communities
- Indigenous Engagement Strategy to promote Indigenous employment and procurement for K2-Hydro
- Genex was the lead financial sponsor for the Talaroo Hot Springs (Indigenous enterprise)
- 900 jobs created at Kidston and along the transmission route

Genex has been developing the **Kidston Clean Energy Hub** since acquiring the Kidston Gold Mine in 2014:

01 /  **50MW Kidston Solar Project (KS1)**
Commenced operation in 2017, and is connected to the existing 132kV distribution network

02 /  **250MW/2000MWh Kidston Pumped Storage Hydro (K2-Hydro)**
Commenced construction in April 2021, to be energised in 2H CY2024

03 /  **Up to 258MW Kidston Wind (K3-Wind)**
In development, proposed to connect into new Aurumfield substation in CY2026



Kidston Wind project overview



Located at **Kidston, North Queensland** adjacent to **Kidston Solar and Kidston Pumped Storage Hydro**



The project will connect to the **Aurumfield Powerlink substation** alongside the Kidston Pumped Storage Hydro Project



Engagement with key stakeholders and the community is ongoing and remains strong



Early works commenced **Q2 2023** and targeting the facility to be operational in late **2026**



43 x 6.0MW Wind Turbine Generators (WTGs) on a 130m tower, for a **total 258MW installed capacity**



Maximum of **350 people on-site** during construction, up to 10 during operations.



JDA signed with JPOWER with a 50% ownership in the project



Goldwind Australia appointed as preferred wind turbine generator supplier and installer



First offtake signed with EnergyAustralia for 30% of the project output over 10 years



Transport of turbine components

Key transport route activities to date

- **Surveys completed** - to determine the best routes for the project's Over Size Over Mass (OSOM) deliveries from the Port of Townsville to the project site by heavy haulier logistics provider Rex J Andrews.
- **Stakeholder engagement** - Port of Townsville, Department of Transport and Main Roads (DTMR), Ergon, Energex and effected councils

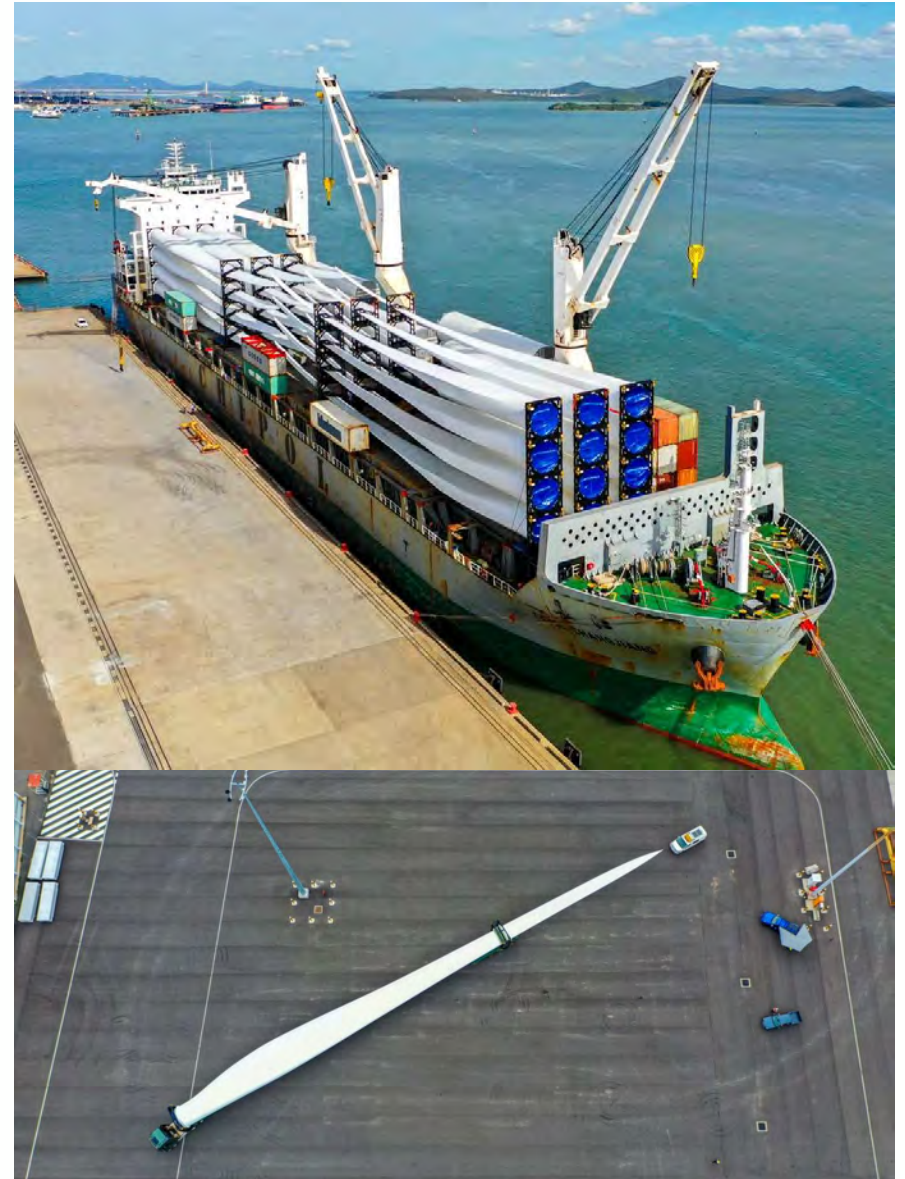
Upcoming activities

- **Design** - minor upgrades required along each route on state and council roads.
- **Schedule** - typical weekly schedule will be derived with feedback from involved stakeholders (QLD Police, DTMR, school buses etc.)
- **Community engagement** - community information sessions will be held in 1H 2024 once design and schedule further progressed.
- **Stakeholder engagement** - continuation and expansion of engagement once design and schedule further progressed.



Delivery Statistics

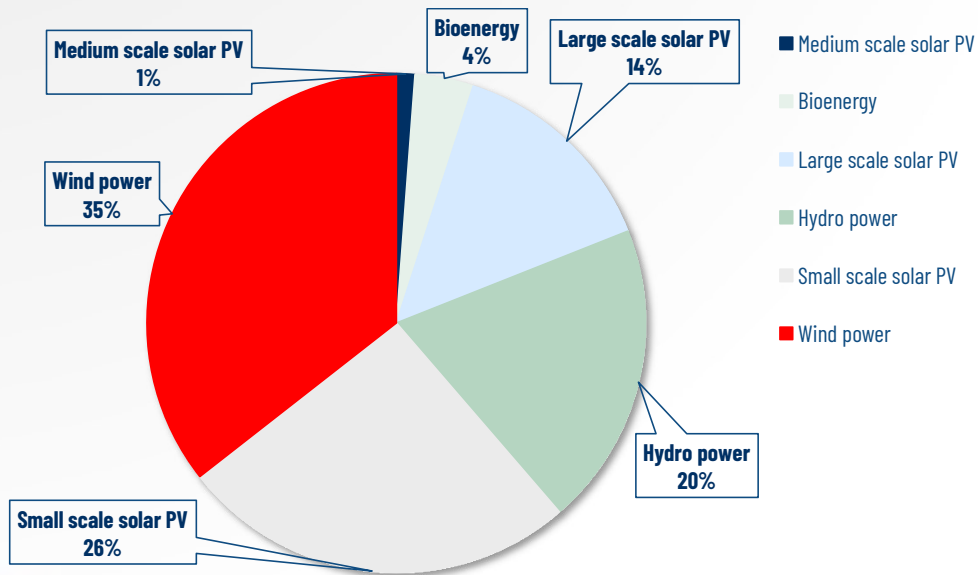
- ✦ Turbine deliveries will start 9-12 months after construction commences
- ✦ Each turbine has ~13 OSOM loads, resulting in 559 OSOM deliveries for the Project over a ~30-week period with the relevant pilots and police escorts.
- ✦ Deliveries of one-off loads will also take place including transformers, control rooms and other buildings.
- ✦ Turbine components typically depart port around midnight and the specific timing of each component will be communicated through several channels (emails, SMS, websites, advertisements, VMS boards etc.)
- ✦ Upgrades along the routes include modification to overhead signs and signals, side tracks to avoid structures, modification to traffic islands, and vegetation trimming. Powerline lifting will also take place to ensure no impact on power supply to the community.



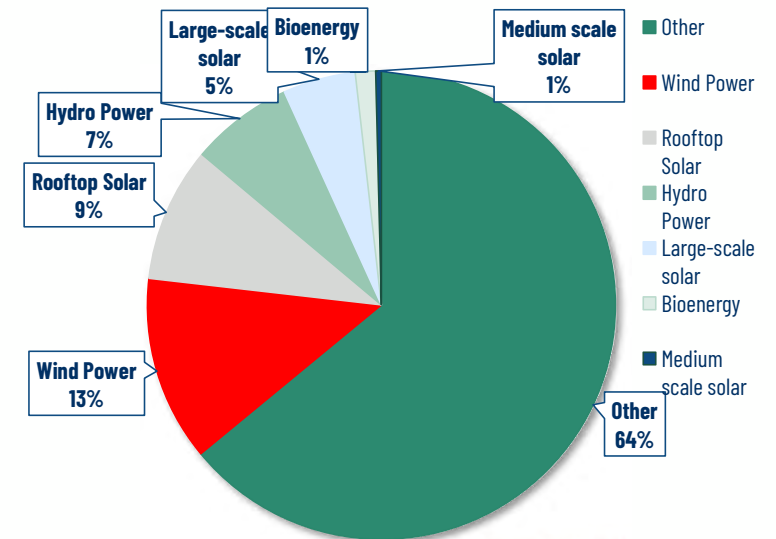
Industry opportunities

- Australia has excellent conditions for harvesting wind power
- A strong and growing network of developers, technical specialists, and advisory firms focused on wind
- CY2023 wind power remains one of Australia's most significant renewable generation contributors.
- Wind market share will grow further, particularly in Queensland.

Australia's renewable energy generation mix - wind power at 35%



Australia's total energy generation mix - wind power at 12.8%



Source: The Clean Energy Council Report 2023

Kidston Wind Project: procurement & job opportunities

Civil and Electrical Construction

Major work packages:

- Bulk earthworks (people, plant and equipment)
- Electrical installation and commissioning
- Concrete form, reo and pour (~750m³ concrete per turbine)
- Road upgrades
- Labour
- Raw material supply

Job opportunities:

Up to 150 people are needed for ~20 months for these work packages.

Procurement and job package openings:

H2 CY2024

Wind Turbine Construction and O&M

Major work packages:

- Support craneage
- Support vehicles
- Qualified trades people and trade assistants (electrical and mechanical)
- Riggers and specialist labour

Job opportunities:

Up to 80 people are needed to work on the delivery, installation and commissioning of wind turbines over ~18 months. Up to 10 people required for operations and maintenance.

Procurement and job package openings:

H2 CY2024

Workers camp operations

Major work packages:

- Kitchen and meals operations
- Camp maintenance
- Camp operations
- Security

Job opportunities:

Up to 15 people are needed to operate and maintain the camp.

Procurement and job package openings:

H1 CY2025

More details on procurement packages and job opportunities will be made available in Q1 CY2024.

If you have any questions regarding the above, please contact Genex using the following email address: info@genexpower.com.au

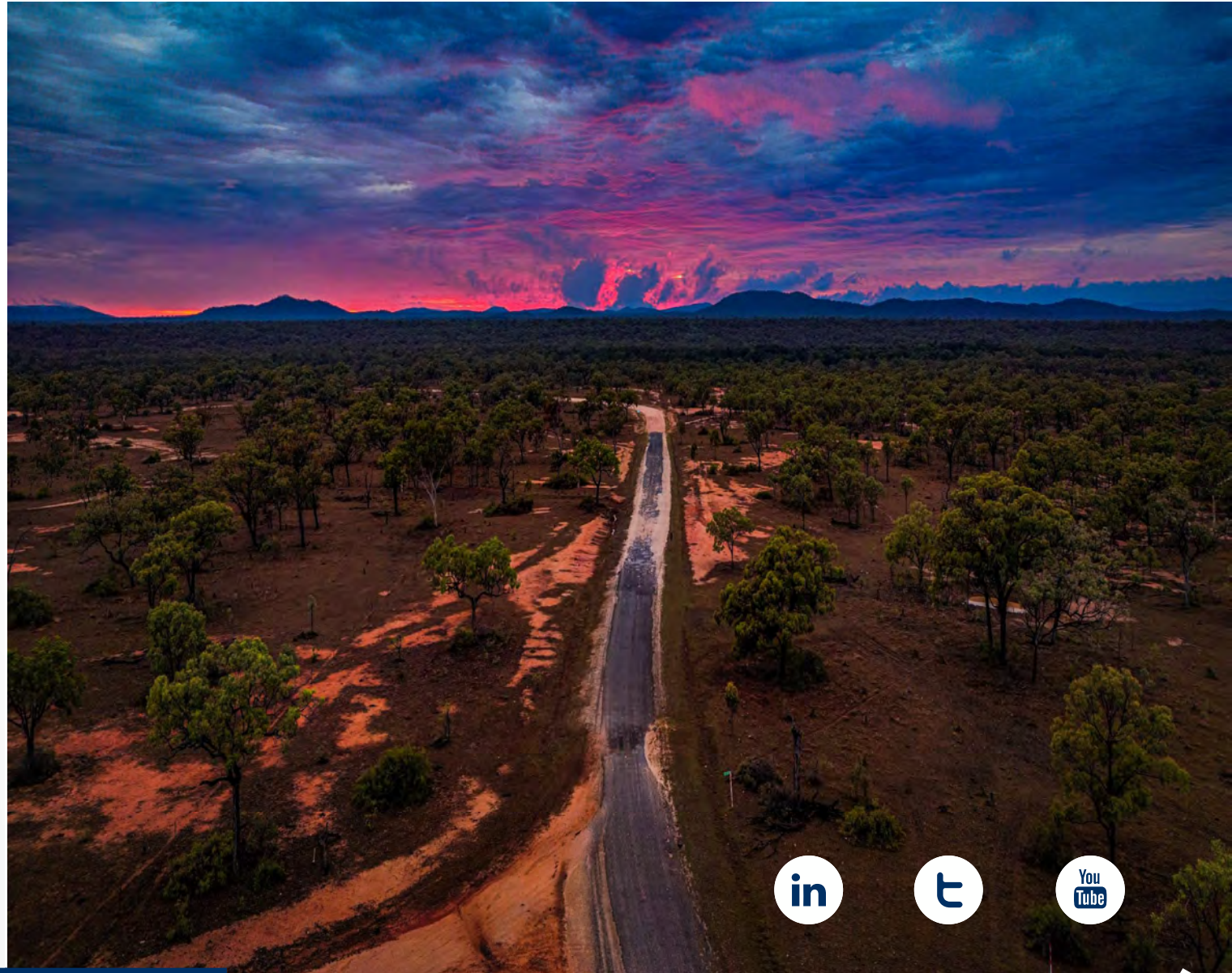
Contact



Ben Williams

GM – Development and
Construction

Tel: +612 9048 8855



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Kirwan Health Campus Expansion



Andrew Law
Project Manager

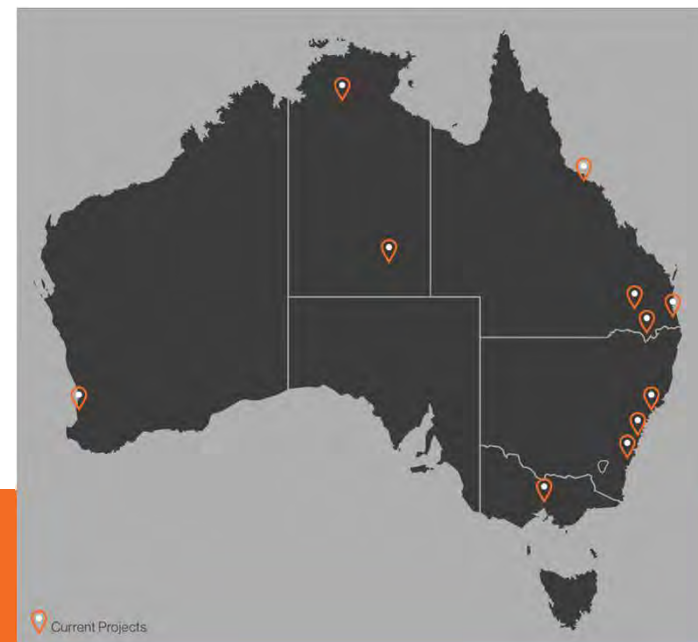




Proudly, privately, Australian-owned since 1989.

Delivering local projects within far North Queensland since 1995, St Hilliers extensive experience includes working with a diverse range of clients, both private and government institutions. We have established long-term relationships spanning decades and have tackled projects as varied and complex as infrastructure upgrades on high-security Defence bases to expansions within operational school and health precincts.

Our success lies in our strong values, quality of work, and our dedicated and committed employees who ensure that our clients consistently receive exceptional outcomes.



Local Projects

2021



**Joint Health
Command Garrison
Facilities Upgrade
(RAAF Base
Townsville)**

2021



**Defence Fuel
Transformation
Program (RAAF
Base Townsville)
Risk Reduction**

2022



**Lavarack Barracks
Land400 Armoured
Fighting Vehicle
Facilities**

2022



**RAAF Base
Townsville
Hangar 75
Refurbishment**

2023



**Queensland
Country Bank
Stadium
Refurbishment**

2023



**Kirwan Community
Health Campus
(KCHC) Expansion
(Stage 1)**



Project Overview

Kirwan Community Health Campus (KCHC) Expansion (Stage 1)

Budget

The State Government has allocated **\$40 million** for the Stage 1 Expansion of the Kirwan Community Health Campus (KCHC).

Clients

Contracted to **Queensland Health**, as a Design & Construct (D&C) project.

Objective

The project involves a new, stand-alone **two-storey building** on an existing site within the campus and a modest refurbishment of part of the existing building.

Deadline

The expected completion date for the main KCHC building is in late **September 2024**. The design phase is nearing completion and work has commenced on site.



Kirwan Health Campus Expansion (Stage 1)

- The proposed expansion will deliver additional capability and capacity to meet the service demands.
- Minor refurbishment of spaces within existing building. Green Star 5 Pilot Health project.
- There will also be upgrades to bring infection control and occupational health and safety aspects up to contemporary standards.



- **Northern Carpark Works**
 - Bulk Earthworks
 - Roadbase & Kerb installation
- **Substructure - Ground Level**
 - Detailed excavation
 - Slab on ground pour
 - Blockwork
 - Perimetre scaffold
 - Inground services

- **Internal Works - Ground & Level 1**
 - Sheeting, setting & sanding
 - Waterproofing & bedding wet areas
 - Painting & tiling
 - Joinery, carpet & vinyl installation
 - Fit off electrical/ comms/ hydraulics
- **Plant**
 - Switchboard, generator & lift installation
 - Rough in & fit off services

- **Landscaping**
 - Garden edging, turf & tree planting
- **Concrete Pavement**
 - Playground installation
 - Concrete walkways
 - External seating

Late 2023

Mid 2024

Early 2024

Late 2024

- **Level 1 - Roof**
 - Perimetre Scaffold
 - Formwork & reo installation
 - In-slab services installation
 - Structural steel / sheet roof
- **Internal Works - Ground Floor**
 - Wall framing
 - Services rough in
- **External works - Glazing & Cladding**

- **Internal Works - Ground & Level 1**
 - Install feature timber batten ceiling
 - Blinds installation
 - Mechanical & electrical services
 - Fit off electrical/ comms/ hydraulics
- **Internal Clean**

Completion of main building expected in late September 2024.

Procurement Opportunities

St Hilliers is in the early stages of procurement. Our team is eager to hear from businesses interested in this project.
Trades let at this stage include: Civil, Hydraulic and the Mechanical.

**Brick and
Block works
Supply and
Install**

**Structural
Steel**

Dry Fire

**Communication
/ Nurse Call**

**Roofing / Roof
Safety**

Joinery

Waterproofing

Glazing

**Metal Work
including
Stainless Steel
Joinery**

**Louvres /
Sunshades**

Carpentry

**Ceiling
Partitions**

The Project Team

Andrew Law
Project Manager



Joel Watkins
Senior Project Engineer



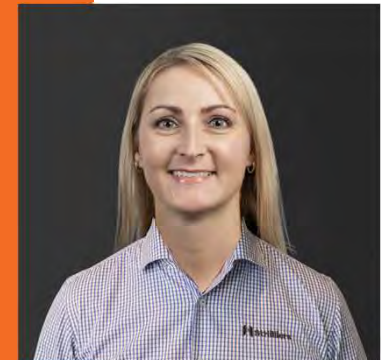
Luke Zatta
Contract Administrator



Troy Kemp
Site Manager



Antionette Coetzee
WHS Officer



Isabella Allen
Building Cadet



Get in touch

If you think you or someone you know could provide some of the services we have mentioned please do not hesitate in contacting a member of the St Hilliers project team.



<https://sthilliers.com.au/contact>



Andrew Law

St Hilliers Project Manager

0447 774 342 | alaw@sthilliers.com.au



Luke Zatta

St Hilliers Contract Administrator

0400 753 516 | lzatta@sthilliers.com.au



Defence Industry Hub



Queensland
Government

Defence Industry Update

What's happening in the world of Defence...

- Defence Strategic Review – 'Hardening the North'
- Army Aviation – Apaches coming to Townsville
- Estate Capital and Sustainment Works Program

Want to know more, get in touch.

Defence Industry Hub Workshops and Events

Workshop Suite:

- Introduction to Defence
- Marketing to Defence
- Tendering for Defence
- Cyber (for DISP)
- Next Steps in Defence
- Quad Chart Masterclass – coming in 2024!

Webinar and in person options

Defence Industry Hub Contacts

Defenceindustryhub@qld.gov.au

- Erin Kiernan, A/Manager
Erin.Kiernan@dsdilgp.qld.gov.au

SEDGMAN

Queensland Resources
Common User Facility
(QRCUF)

David Proud – General
Manager Australia East

23 November 2023



Queensland
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A MEMBER OF THE CIMIC GROUP
CIMIC

INTEGRATED
MINERALS
PROCESSING
SOLUTIONS



DESIGN



DELIVERY



OPERATIONS

250 **STRONG
PORTFOLIO**

WORLD-CLASS PROCESSING PLANTS
ENGINEERED CONSTRUCTED OPERATED



GLOBAL
FOOTPRINT

**SINCE
1980**



PRECIOUS &
BASE METALS



COAL & IRON
ORE BULKS



INDUSTRIAL
MINERALS

OPTIMISE
DEVELOPMENT RETURNS

MINIMISE COSTS

MEET SAFETY, TIME, BUDGET,
RISK & QUALITY GOALS

DRIVING GLOBAL BEST PRACTICE FORWARD



SEDGMAN

Sedgman Projects Delivered in Queensland

Olive Downs – Queensland:

Coal Handling & Preparation Plant – Construction in Progress



New Century Zinc – Queensland:

Re-start, Re-configure Operation, Maintenance of Processing Facility



Sedgman Projects Delivered in Queensland

30 major minerals processing projects in Queensland since commencing business in 1980, and currently provide operations and maintenance services to 7 coal mines in the Bowen Basin.



Cannington Silver/Lead/Zinc:
Supply Ore Haulage and
Crushing/Screening facility



Ernest Henry Copper:
Supply, Operation, Maintenance
of Crushing/Screening facility

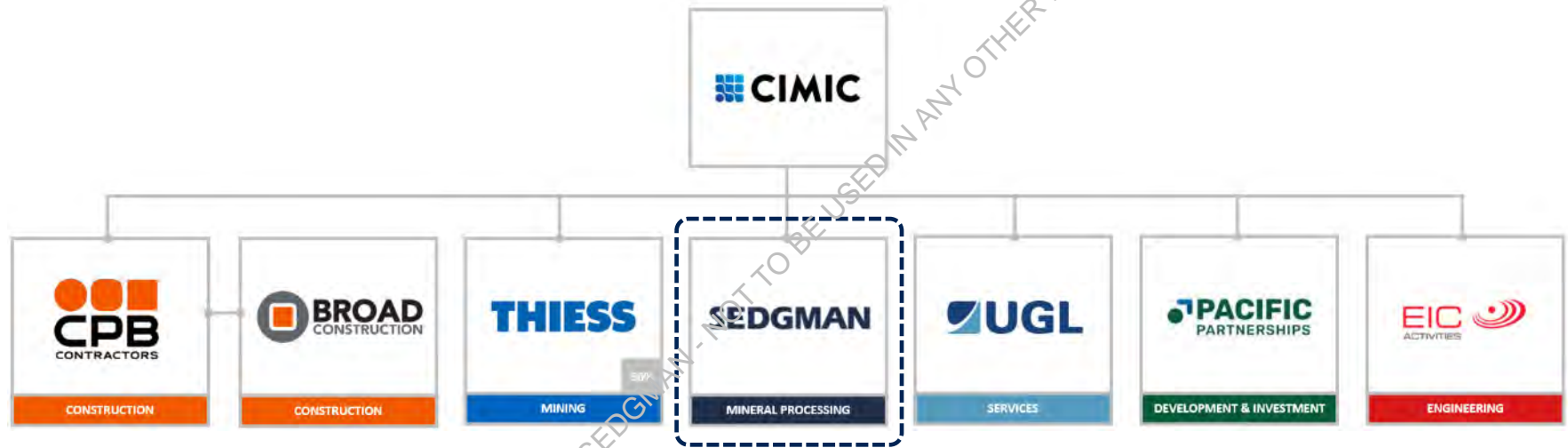


Mount Isa Lead/Zinc:
Supply, Operation, Maintenance
of Blackstar and George Fisher
of Crushing/Screening facilities



Byerwen Coal:
Engineering, Procurement,
Construction of two CHPPs plus
Operation/Maintenance of the
facilities

Sedgman – a CIMIC Group Company



Supporting Our People, Local Community and Providing Opportunities

Supporting our People and Communities in which we live and work



Sedgman Rugby Challenge in Support of Youngcare



Royal Flying Doctor Service

Sedgman Sponsor QLD & WA RFDS



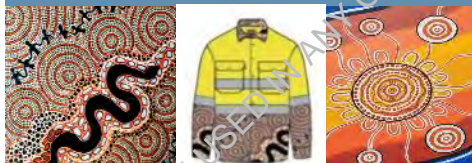
Helping keep the **Flying Doctor** flying

Challenge DV's Darkness to Daylight 2022



Sponsoring Community Health & Wellbeing, Education & Future Workforce Diversity, Childrens Charities and providing Employees Volunteer Time to support various community initiatives where they Work and Live

We acknowledge and respect Aboriginal, Torres Strait Islander and First Nation cultures, histories and connection to country – Innovate Reconciliation Action Plan (RAP)



Supporting Indigenous Business

Sedgman engaged local Indigenous artists to create artwork that honours the cultural significance of land in which we work. The local Indigenous artwork are incorporated on our new PPE shirts to recognise and celebrate the community in the land where we operate.



Curtin University Sedgman Scholarship

CQUniCares Sedgman Scholarship



Training, Education & Employment Opportunities

Sedgman provide education, employment and business pathways in communities where we operate; and we have scholarships and bursaries across our key regions. These scholarships support indigenous and female students studying science, technology, engineering and mathematics to progress their careers.



Clean-up Australia Day



SEDGMAN

QRCUF

Project Overview,
Program and Timing

SEDGMAN

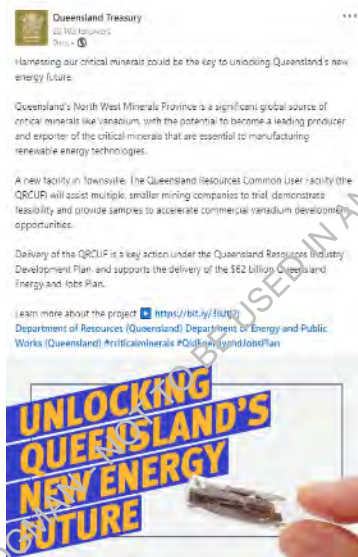


**Queensland
Government**



Queensland Resources Common User Facility (QRCUF)

- Queensland has a significant global source of critical minerals and rare earths with the potential to become a leading producer and exporter of new-economy minerals
- **The facility will be a mineral processing hub to trial production processes for commercialisation, enabling prospective miners to begin producing mineral samples at scale.**
- **Initial focus is Vanadium, followed by Cobalt and Rare Earth minerals**
- It will accelerate the development of commercial mining projects, promote investment in advanced mineral manufacturing opportunities and enable development of supply chain and supporting industries.



Queensland firm appointed to develop State-owned critical minerals common user facility

Sedgman will lead the design and construction of QRCUF demonstration plant



Townsville named home to Australia's first critical minerals facility



Queensland
Government

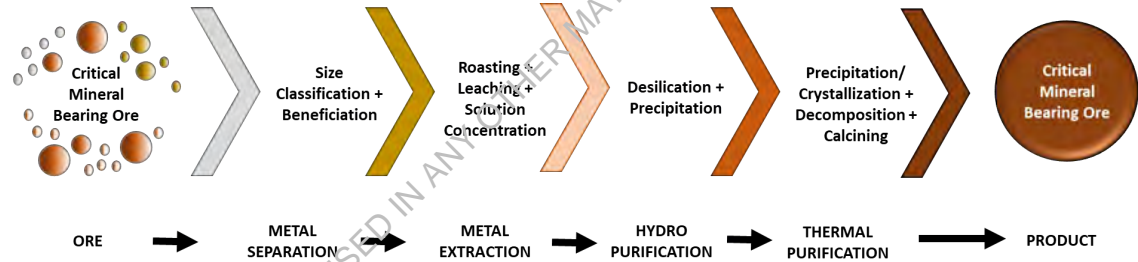


SEDGMAN

Facility Purpose and Location Overview

The facility will be able to:

- Pilot production processes and research intermediate/end products
- Train staff on equipment, processes and handling hazardous materials
- Produce samples for customers
- Assess potential by-products, waste streams and recyclable materials
- Demonstrate processes at scale to validate commerciality and technical viability.
- Located at the Cleveland Bay Industrial Park, Townsville



Timing – Two Stage Project Delivery

Project	Scope	Commencement	Completion
Stage 1	<ul style="list-style-type: none">• Verification of concept design• Design and pricing development• Selection of processing equipment• Early works	Q4-2023	Q2-2024
Stage 2	<ul style="list-style-type: none">• Detailed design• Manufacturing• Construction	Q2-2024	2025



Queensland
Government



SEDGMAN

QRCUF

Procurement
Opportunities

SEDGMAN



**Queensland
Government**



Supporting Local and Regional Queensland

Sedgman aim to utilise as many Townsville and Queensland based companies as possible for the project delivery.

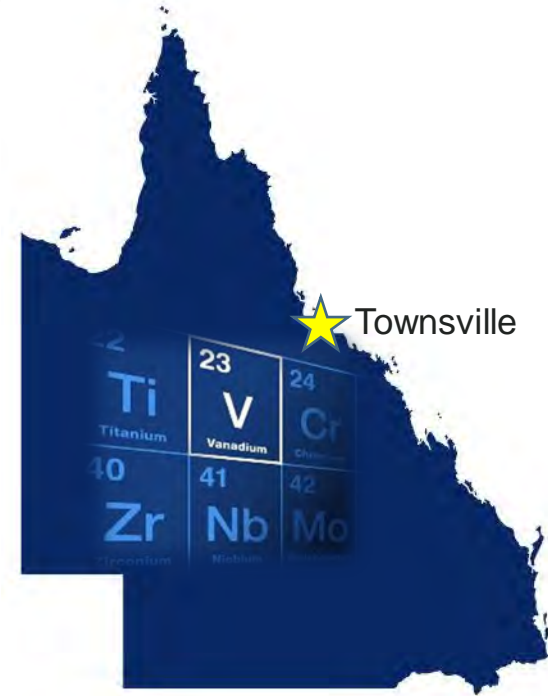
Townsville and Queensland based subconsultants already appointed for Stage 1:

- Surveying, geotech investigation, civil and storm water engineering
- Specialist process engineering consultant – Prudentia Engineering.

Other opportunities for subcontractors and suppliers for Stage 1 & 2:

- Equipment and goods supply
- Fabrication
- Construction and building services including:
 - » Industrial shed, office building, laboratory
 - » Concrete,
 - » Structural mechanical, piping
 - » Electrical
 - » Plumbing
 - » Landscaping
- Transport
- Accommodation and other support services.

Supplier Registration Email: QRCUF@sedgman.com



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Thank you



dare to
think
circular..
Sustainable Innovation

CIRCULAR ECONOMY (INDUSTRY-RESEARCH) INNOVATION PROGRAM



Why we do what we do...

Smart Precinct NQ exists to empower startups, scale-ups, and innovators by offering a diverse array of services and programs. Established in 2019 as a not-for-profit organization, our core purpose is to facilitate and support the growth of entrepreneurial ventures, foster innovation and grow the North Queensland business ecosystem.

OUR OBJECTIVES



BUILD AND STRENGTHEN THE REGIONAL INNOVATION ECOSYSTEM AND ECONOMY.



INCREASE REGIONAL START-UP FORMATION AND RAPID BUSINESS GROWTH.



CONNECT AND NETWORK ALL THE RELEVANT LOCAL AND GLOBAL PARTS TO BUILD AN EFFECTIVE ECOSYSTEM.



FOCUS ON SOLVING AND IDENTIFYING GLOBAL CHALLENGES THROUGH LOCAL INDUSTRY ENGAGEMENT.



ATTRACT BUSINESS AND INVESTMENT TO THE NORTH QUEENSLAND REGION.



FOUNDING PARTNERS



MEMBERS OF



Queensland Social Enterprise Council

WHO WE WORK WITH

START-UPS AND ENTREPRENEURS

Smart Precinct NQ provides connections, education, mentoring, and support to local founders. From idea exploration, product validation, to building, launching, and scaling a business. Smart Precinct NQ's world class programs and business mentoring support assists entrepreneurs on their start-up journey.

SME BUSINESSES

We are not just for start-ups. We also support SME businesses to accelerate their growth and navigate associated challenges with growth advisory services and the opportunity to connect and learn from other Entrepreneurs via our Advisory Boards and innovation pathways

GOVERNMENT

Smart Precinct NQ supports government as a reliable service delivery partner. We have delivered complex projects helping our partners to strengthen communities through building business resilience, workforce development and driving the innovation ecosystem forward.

INDUSTRY

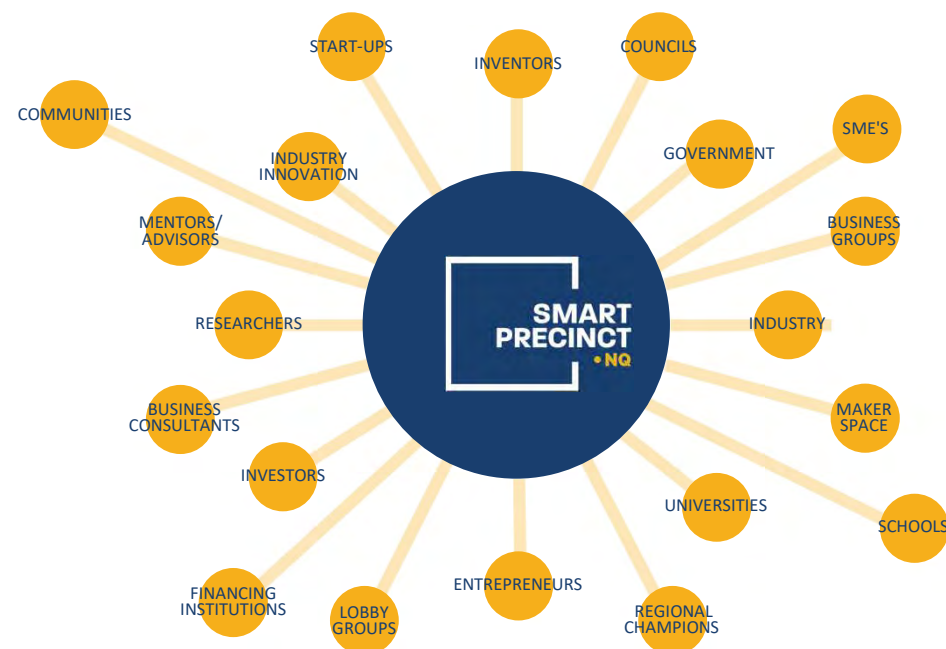
Through Smart Precinct NQ we connect industry with researchers, universities, and critical technologists to solve complex challenges, and identify emerging opportunities.

UNIVERSITIES AND RESEARCHES

We facilitating knowledge exchange, commercialisation pathways of research, and the development of practical solutions and linkages that benefit both academia and business.

INVESTORS AND FUNDING ORGANISATIONS

We regularly support investors and funding organisations to connect with the right entrepreneurs in our region via investor round tables, trade missions, meet the buyers events, and pitch events.

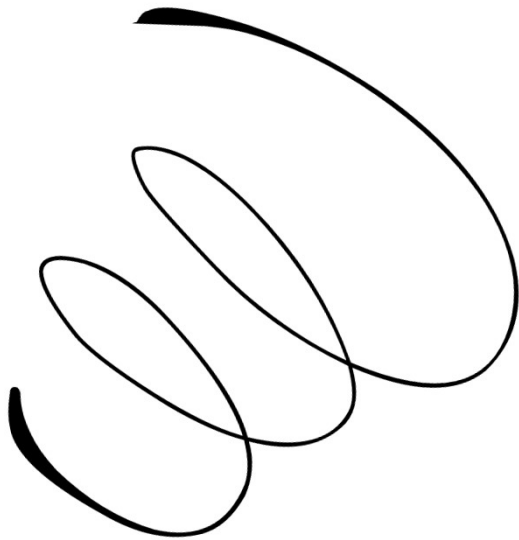


We have a job to do....

INDUSTRY & RESEARCH INNOVATION GRANT

UP TO \$50,000 OF FUNDING FOR 12 MONTH PROJECTS

CIRCULAR ECONOMY (INDUSTRY-RESEARCH) INNOVATION PROGRAM AND FUNDING INITIATIVE



Our focus is on cultivating enduring partnerships rather than pursuing transactional grants, as we believe in fostering sustainable, collaborative relationships that drive continuous innovation, shared growth, and long-term impact within the circular economy ecosystem

CIRCULAR ECONOMY (INDUSTRY-RESEARCH) INNOVATION PROGRAM

The program supports Queensland and its goal of being a zero-waste society by 2050 and aligns with Townsville City Councils bold corporate plan.

To achieve this goal, it provides a framework for Queensland's transition to circular economy, in which materials are retained in the economy for as long as possible at the highest practicable value.



- Demand local expertise
- Pressure is the trigger for growth
- Recycle everything
- Don't do well in buckets
- Engage with all 'levels of service'

KEY INFORMATION

Industry and Research Innovation Grant

WHO IS THIS FOR?

- You are an innovator, inventor, intreprenuer, entrepreneur, or change-maker whether an existing business, start-up, or university researcher
- Have identified a waste challenge that become a regional opportunity;
- Have a circular economy concept or idea that you would like to develop, test, and/or validate with collaborators;
- Are based in North Queensland; and
- Have an ABN

KEY INFORMATION

Industry and Research Innovation Grant

WHAT WILL BE FUNDED

- Developing proof of concept, prototyping and/or trialling activities
- Pre-commercialisation and commercialisation of project outputs
- Information sharing and communications related to the project.
- This is not a complete list and other costs may also be eligible on a case-by-case basis and the discretion of the panel assessing applications.

KEY INFORMATION

Industry and Research Innovation Grant

- Applications open: 15 November 2023
- Applications close: 31 January 2024
- Notification of outcome: February 2024
- Grant amount: up to \$50,000 ($\leq 20\%$ co-contribution in-kind or cash)



INDUSTRY
CHALLENGE



IDEA FOR A
SOLUTION



INDUSTRY
PARTNER



A 12-MONTH
PLAN PROJECT

Project Team



Dr Lydia Canovas-Saiz
Senior Growth Advisor
Commercialisation and Investment



Jason Lange
Project Engagement Lead &
Sustainability Consultant

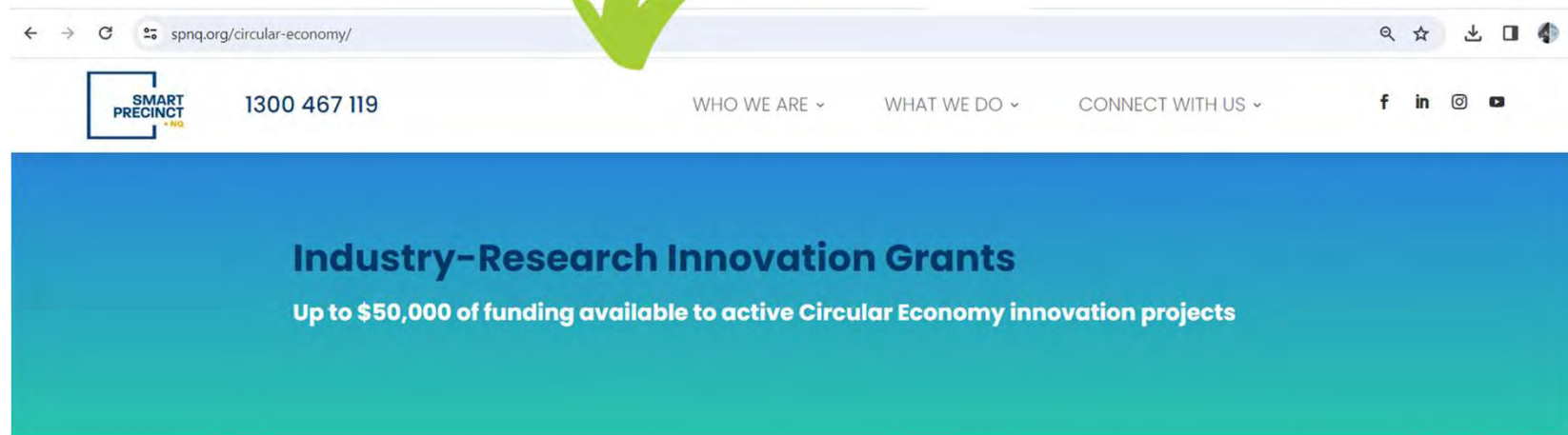


Cassandra Cazzulino
Chief Executive Officer SPNQ

Industry and Research Innovation Grant

KEY INFORMATION

spnq.org/circular-economy/



1. Funding overview

The Queensland Circular Economy (Industry-Research) program is designed to support industry driven research and innovation, for the purpose of assisting industry transition away from the mainstream linear take-make-waste business model to a less wasteful circular economy model which is based on three principles, driven by design(the Ellen MacArthur Foundation):

- o eliminate waste and pollution
- o circulate products and materials (at their highest value)
- o regenerate nature

Grants are available:



Invitation

Study and Migration Queensland invites you to attend the **Diversifying your Talent Pools with Skilled Migrant Talent** event on Tuesday 28 November 2023 from 10.30am-1.00pm.

Learn more about building a rich, diversified talent pool for your business during this pilot session hosted by Study Queensland and Migration Queensland. This session will show you how to access skilled migrant talent pools by de-mystifying the student graduate, and skilled visa process, help you connect to new talent through local education providers and explore the benefits of hiring diverse teams.

Date: Tuesday 28 November 2023

Time: 10.30am – 1.00pm. Please arrive 15 minutes early for check-in

Address: The Ville, Sir Leslie Thiess Dr, Townsville City

Cost: Free. A light lunch and beverages provided

Register via QR





Local Engagement Events

November 2023



UGL CPB JOINT VENTURE

Agenda

- The UGL CPB Contractors Joint Venture
- Procurement Packages
- Timelines
- Prequalification
- Felix



Who we are – UGL and CPB

CPB Contractors is an industry leader and Australia's largest construction company.

CPB is currently delivering more major construction projects in Australia than any other contractor (50+ in delivery).

UGL is one of Australia's leading construction and engineering firms working in construction, defense, mining, oil and gas, power, renewables and transport.



Our Delivery Priorities



Tunnelling



Roads



Rail



Energy



Building



Health



Water



Resources



Defence



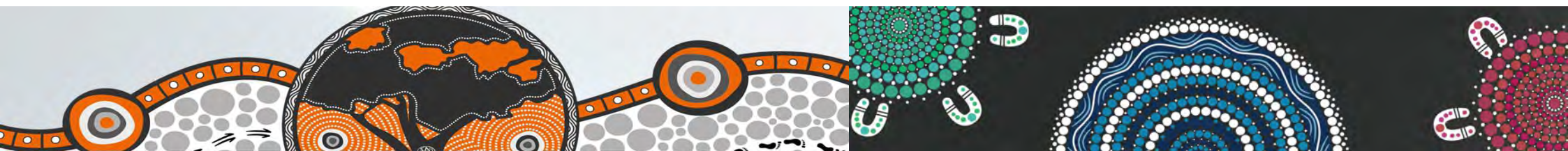
Aviation

CPB & UGL are passionate about **skills legacy** and **building careers** for our people and the communities in which we work.

Other key priorities:

- Disciplined, safe delivery
- Local business
- Indigenous engagement
- Future-focused & sustainable delivery
- Environment





Aboriginal Participation and Social Inclusion

UGL and CPB Contractors both have Stretch Reconciliation Action Plans (RAP). The implementation of their RAPS's formalize activities and commitments for building cultural awareness, education and skill development pathways, employment and business opportunities on all our projects to support meaningful outcomes for Aboriginal people.

Local employment and training opportunities

- Training through local providers
- Skill development & pre-employment
- School and university engagement programs for ongoing operations & maintenance
- Women in construction
- Trainee and apprentices
- People with disabilities

Local businesses opportunities

- Designed to promote local market participation
- Early engagement with Indigenous businesses
- Breakdown larger packages to build capability and capacity for small to medium enterprises



Site Establishment

- Hire and delivery of site offices, crib huts, amenities and containers
- Hire of facilities for multiple accommodation camps
- Operation and management of accommodation camps
- Site set up – clearing, craneage, water storage, generator and site power
- Site services- potable water, ablutions, fuel, generator service, cleaning, waste removal
- Vehicle hire



Substation – Construction

- **Survey and Geotechnical Investigation Services**
- **Site Clearing**
- **Bulk Earthworks and Civil – subcontractor**
 - Drainage including concrete pipe supplies
 - Internal bitumen roads, substation gravel surface
 - Plant hire
 - Formwork, reinforcing steel, concrete supplies, construction water
- **Management & Electrical Erection - UGL**
 - Electricians, trades assistants, civil engineer
 - Electrical equipment, conduits, some cable, consumables
 - Plant Hire - excavation, craneage and access equipment



Transmission Line – Construction

- **General**
 - Construction water to tower sites
 - Safety management, engineering and environmental support
- **Stringing – UGL specialised work**
 - Local skilled Linespersons, trades assistants
 - Surface preparation, crane hire
 - Helicopter services
- **Access roads and tracks – subcontractors**
 - Surface and pothole maintenance
 - Supply and place water for dust control
 - Environmental and erosion controls
 - Gravel and road base supplies
 - Road plant equipment hire



Transmission Line – Construction

- **Tower Pads and foundations – UGL**

- Hire plant for surface preparation
- Concrete supplies with options for Batching Plants and/or agitator trucks
- Environmental and erosion controls
- Reinforcing steel supplies
- Earthing cabling and fittings

- **Lattice tower steel installation**

- Local heavy transport from Townsville wharf to UGL Townsville yard
- Heavy transport UGL Townsville yard to tower sites
- Crane hire for tower assembly and erection
- Access equipment hire for tower erection
- Fixings and alterations to tower steel



Key Timelines (Planned)

ACTIVITY	DATE
Design start	Q4 2023
Procurement	Q4 2023 – Q1 2024
Construction start	Q2 2024
Construction finish	Q4 2029

Note: procurement of small items and services will continue until project completion.



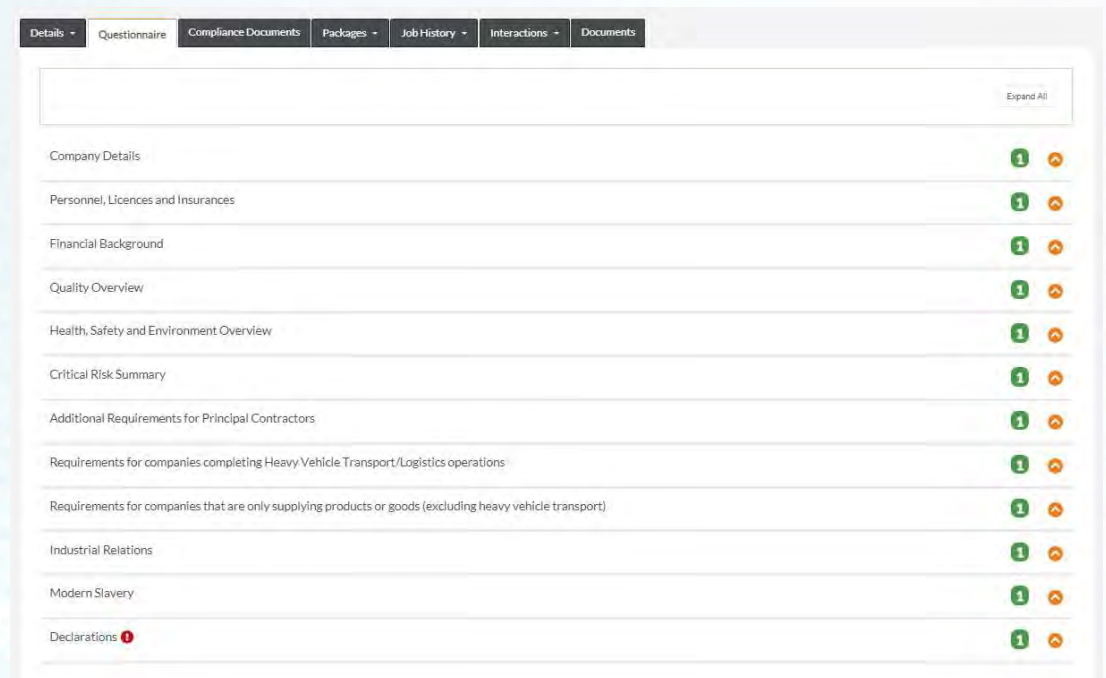
Supplier Prequalification

Vendors need to display competency before being invited for prequalification.

Subcontractors undergo prequalification through the UGL CPB Felix Vendor Management System.

Assessment criteria include:

- previous projects and performance
- compliance with quality, safety, and environmental requirements
- resource capability and availability
- IR assessment, modern slavery, insurance requirements
- value adds and cost savings initiatives.



The screenshot shows a web interface for a prequalification questionnaire. At the top, there are tabs: Details, Questionnaire (active), Compliance Documents, Packages, Job History, Interactions, and Documents. Below the tabs is a search bar with an 'Expand All' button. The main content area lists various assessment criteria, each with a green circle containing the number '1' and an orange arrow icon.

Assessment Criteria	Status
Company Details	1
Personnel, Licences and Insurances	1
Financial Background	1
Quality Overview	1
Health, Safety and Environment Overview	1
Critical Risk Summary	1
Additional Requirements for Principal Contractors	1
Requirements for companies completing Heavy Vehicle Transport/Logistics operations	1
Requirements for companies that are only supplying products or goods (excluding heavy vehicle transport)	1
Industrial Relations	1
Modern Slavery	1
Declarations	1



How to prepare for business opportunities

- Familiarise yourself with the work activities and scope of the project.
- Gain an understanding of the requirements.
- Communicate with the JV – if you are not already a supplier to either UGL or CPB then please provide a capability overview and register in **Felix** for pre-qualification.
- Look at opportunities aligned with your business
- Look at opportunities to partner with other businesses to provide a more comprehensive solution.
- Become familiar with the JV standard terms and conditions
- Get an understanding of how to respond to tenders if this is something new for your business.
- Registering with ICN is another way of staying informed with the progress of the project.





Indigenous participation and Major Projects

Department of Treaty, Aboriginal and Torres Strait
Islander Partnerships, Communities and the Arts

Introduction

- Targeting Aboriginal and Torres Strait Islander participation on major infrastructure projects is a **multifaceted approach**.
- Aims to address historical injustices, promote economic development, preserve culture, protect the environment, and create more inclusive and sustainable societies.
- The goal is to create **meaningful opportunities**.

Major NQ projects with Indigenous participation targets

- CopperString 2032 (\$5B)
- Greenvale Training Area – Australia-Singapore Military Training Initiative
- Haughton Pipeline Duplication – Stage 2 (\$270M)
- Townsville University Hospital expansion (\$530M)
- Mackay Hospital Expansion (\$250M)
- Pioneer Valley pumped hydro project (Prospective)

**Genuine
Engagement
with
Traditional
Owners**

Design

Employment

**Aboriginal and Torres
Strait Islander
participation on the
project**

**Procurement
from
Indigenous
Businesses**

**Business
Development**

Training

How can I use this knowledge of Indigenous participation targets on major projects

- Consider how you can **incorporate Indigenous participation into your bids** to make them more attractive to the awarded contractor or developer.
- Examples:
 - Current Indigenous employment numbers
 - How you are going to employ more Indigenous workers for the project
 - Indigenous businesses you will subcontract to
 - Provide your experience in delivering Indigenous participation outcomes on projects
 - Indigenous commitments as a business e.g. all staff have undertaken an Indigenous cultural awareness program



How can DTATSIPCA assists

- Information on Traditional owners
- Assistance in finding an Indigenous jobseekers
- Provide Local Indigenous businesses details to bring into your supply chain
- Connecting Indigenous businesses with business support
- General advice on the best practices in Indigenous employment, training and procurement from Indigenous businesses
- Invitation to events

Recently completed major projects

Road project (\$157M)

- Procurement from **2 Indigenous businesses**
- **91 Indigenous workers** undertook over 50,000 hours of employment (approx. 10% of workforce)

Building project (\$160M)

- Procurement from **4 Indigenous businesses**
- **113 Indigenous workers** undertook over 70,000 hours of employment (approx. 7% of workforce)
- Indigenous design incorporated into the building



Contact Details

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Regional Office

4796 7870

We appreciate your feedback!

- » Townsville Industry Breakfast series – Feedback form
- » Scan QR code
- » A link will also be provided in an email later today, along with a copy of today's presentations
- » Thank you in advance for your time on this



Queensland
Government

Keep in the loop...

- » Follow us on Eventbrite for our events and workshops...
- » 2024 Townsville Industry Breakfast series – stay tuned!



Queensland
Government

Thank you

James Doyle

Regional Director North Queensland

State Development Infrastructure, Local Government & Planning

Contact us:

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- Townsville.NQRO@dsdilgp.qld.gov.au
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