

Thursday 7 September 2023 Harrup Park Country Club





Boomer Green Energy Hub & Collinsville Green Energy Hub

Greater Whitsunday Regional Projects Forum

Harrup Park Country Club, Mackay

7 September 2023

Acknowledgement of Country

Ark Energy acknowledges the traditional custodians of the lands on which we meet, the Yuwibara people, and their continuing connection to lands, waters and communities.

We pay our respects to Elders past and present.

We also acknowledge all other Aboriginal and Torres Strait Islander people who call the regions where we operate home.

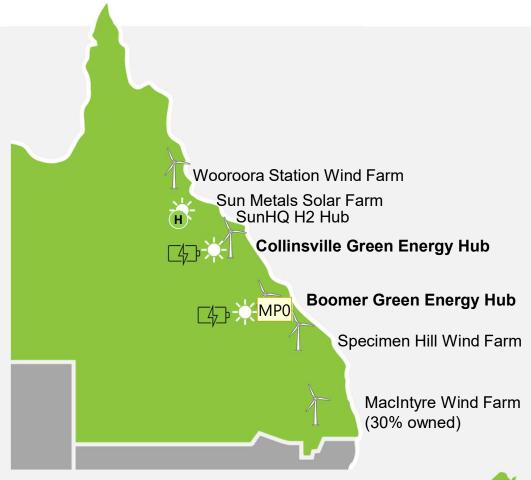
Introductions

Ark Energy

- Jessica Picton, Senior Project Manager
- Lewis McKee, Project Coordinator and Stakeholder Engagement

Ark Energy

- Specialising in utility-scale wind, solar and hydrogen. Team with 20+ yrs experience developing utility-scale RE in Australia.
- Corporate offices in Brisbane, Townsville, Sydney.
- 14 projects in development including four wind farms in Qld.
- Subsidiary of Korea Zinc, world's largest zinc producer and first major refiner to join RE100 and commit to powering global operations from 100% clean energy by 2050.
- 25-year history in Nth Qld through sister company Sun Metals, Townsville.
- Goal to decarbonise the energy supply of Korea Zinc and other third-party customers.

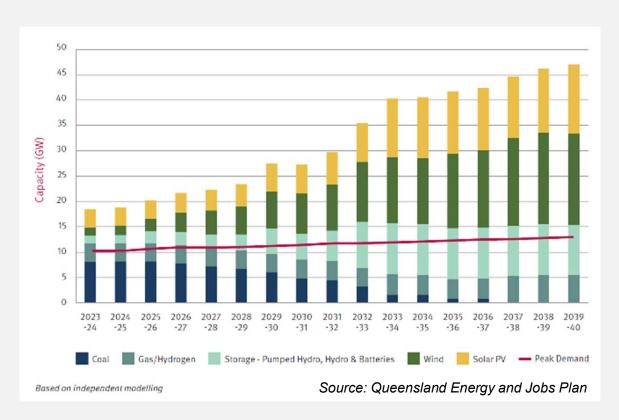




Slide 5

Updated - Chalumbin renamed, Boulder Creek and Lotus Creek not ours anymore Melissa Pisani, 2023-09-05T05:19:02.386 MP0

Context - energy transition



Queensland Energy and Jobs Plan:

- 70% renewable energy by 2032
- 80% renewable energy by 2035 incl.
 25 GW of large-scale wind and solar.

QUEENSLAND

Net zero by 2050.



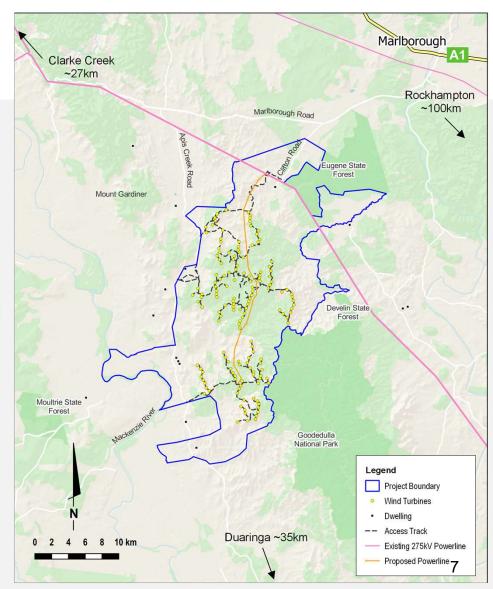


Boomer Green Energy Hub

Approximately 100 km north-west of Rockhampton ad 30 km south-west of Marlborough, central Queensland



- Central QREZ
- ~150 turbines with capacity for ~1GW
- Potential solar opportunity of >500MWac
- BESS opportunity of 2GW/4WGh modelled



Slide 7

Most important first point is location Melissa Pisani, 2023-09-05T05:44:32.073 MP0



Boomer Green Energy Hub

- Investment of ~\$3.5 billion.
- Estimated to generate >\$600M in local and regional expenditure.
- Estimated to create 350+ jobs during construction and 15-30 full time jobs during operation.
- Focus on maximising opportunities for the local/regional suppliers.



Slide 8

project name in full - acronym is internal Melissa Pisani, 2023-09-05T05:22:24.219 MP0



Development schedule – Pre-construction





Slide 9

Be clear only for pre-construction Melissa Pisani, 2023-09-05T05:23:02.939 MP0

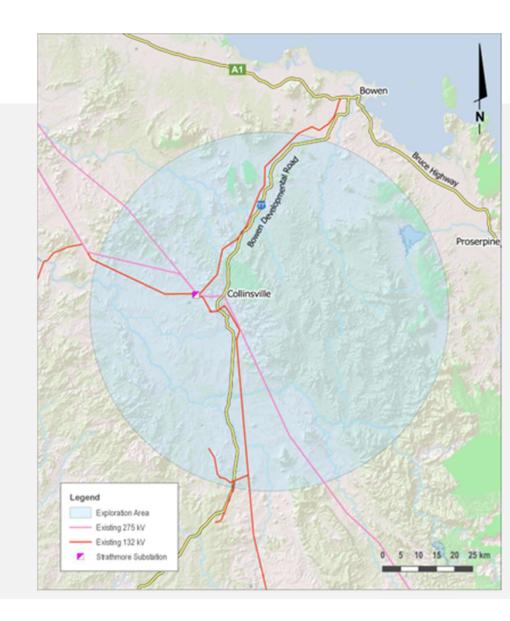


Collinsville Green Energy Hub

Approximately 100 km north-west of Rockhampton ad 30 km south-west of Marlborough, central Queensland



- Northern QREZ
- At early stage concept development and feasibility studies
- Approximately ~3GW wind
- Solar and BESS opportunities



Slide 10

MP0 Needs map

Melissa Pisani, 2023-09-05T05:21:23.342

Collinsville Green Energy Hub

- Investment of ~\$7.5 billion.
- Significant economic boost for the Whitsunday region:
 - Expected to generate ~\$1 billion in local and regional expenditure.
 - Expected to create 350+ jobs during construction and 15-30 jobs for operation.
- Community benefit program from start of construction and for the life of the project.
- Goal to achieve net positive gain for biodiversity in the area.
- Target investment decision: 2027
- Target completion: 2030



Slide 11

How? Can't claim this unless can explain. Otherwise it's the goal, not a fact. Melissa Pisani, 2023-09-05T05:24:49.598 MP0

LM0 0

Changes made to reflect Lewis McKee, 2023-09-06T00:10:55.929

Component examples (wind)



Access tracks: 5.5m crest width; wider toe width required for cut / fill batters; drainage and erosion control; buried cabling.







Hardstands -

crane assist

pad, high /

equipment;

laydown area

(blades, tower, nacelle etc.); 1.5 -2 ha per

large

turbine.



battery storage to support grid connection; 2 ha each.



Local supplier engagement

- Ark Energy provides full, fair and reasonable opportunity for local participation.
- Maximise local participation
- Set project specific local industry participation goals
 - Ensuring local capabilities are considered when planning work scope
 - Optimise opportunities for local businesses.
- Ark Energy work with government, industry bodies and communities to improve local industry participation, capability and competitiveness.
- Employment of local personnel,
- Regionally based offices, workshops and associated facilities to service our projects.



First Nations people - participation

- Ark Energy recognises the importance of acknowledging the traditional owners of this land.
- Committed to increasing engagement with Indigenous peoples and Traditional Owners wherever we operate.
- Work hard to develop long-term, positive relationships.
- Create opportunities for Indigenous people and businesses to assist with growth and development.
- Committed to achieving this across all projects, positions and levels.
- Engagement and employment principles are tailored specifically for each project.



Consultation approach

- Ark Energy is signatory to the Clean Energy Council's Best Practice Charter for Renewable Energy Projects.
- Approach guided by International Association for Public Participation (IAP2) and best practice guidelines.
- Open, accessible, transparent.

Channels and techniques include:

- Dedicated websites:
 - www.boomerhub.com.au
 - www.collinsvillehub.com.au
- Supplier direct contact details
 - suppliers@boomerhub.com.au,
 - Info@collinsvillehub.com.au
 - 1800 731 296.
- Supplier register for interested parties.
- Supplier information days.
- Regular newsletters email and mail.
- Inserts in local papers.
- Local information sessions.
- Local information centres.







Slide 15

LM0	Is there a similar address for CGEH? Lewis McKee, 2023-08-30T06:23:39.305
TJO O	Not direct for suppliers yet but info@collinsvillehub.com.au and web is Ark page - sorry wouldn't let me put link in here Trina Jensen, 2023-08-31T04:18:24.822
LM0 1	No drama, wind farmer! Thanks Trina :) Lewis McKee, 2023-08-31T05:52:09.851

Questions & discussion

Thank you

MP0

- T 1800 731 296
- **E** suppliers@boomerhub.com.au / info@collinsvillehub.com.au
- W boomerhub.com.au / collinsvillehub.com.au



Suggest generic project cx details for both in slide - give personal details directly as appropriate Melissa Pisani, 2023-09-05T05:33:31.174 MP0





Mackay Regional Council Regional Projects Series

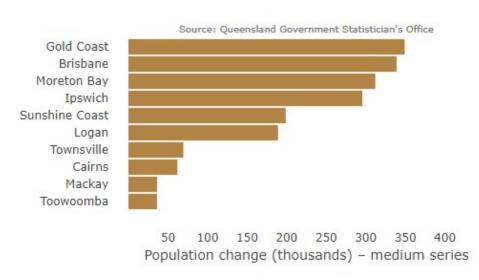
CEO Scott Owen

7 September 2023

MACKAY REGIONAL COUNCIL

- 1151 staff
- 7,622 Km2 of area under Council control
- Annual Budget of \$420M in 2023/24
- Assets in excess of \$4B (book value)
- 127,000 residents and 56,000 rateable properties

Projected population change 2021 to 2046, 10 largest growing LGAs







\$128M CAPITAL PROGRAM







- \$21.5M in drainage works
- \$6.5M to improve drinking water quality
- \$5.6M for water main works
- \$5.5M for asphalt resurfacing works and reseals
- \$4.5M in rehabilitation and replacing ageing timber bridges
- \$4.2M for culvert rehabilitation
- \$3.2M for sewerage pump stations and mains





SIGNATURE PROJECTS

- —\$4.9M Pioneer Valley Mountain Bike Trails -Pump Track, Stage 1 trails and trailhead
- —\$3.1M Mackay Stadium refurbishment
- —\$10.3M Northern Beaches Community Hub Civil Works & Stage 1A Multipurpose Undercover area
- —\$2.8M Seaforth Esplanade Revitalisation
- —\$1.1M Woodlands District Park
- —\$8.1M Mackay Waterfront







OTHER PROJECTS UNDERWAY

- —Pioneer River Levee Rivers Edge to Heaths Rd
- —Bridge Rehabilitation Packages
- —Bluewater Lagoon Resurfacing
- —Large Culvert Renewal Works Habana, Owens Creek and Pinnacle
- Sarina Northern Drainage Stage 2
- —Bloomsbury Water Pipeline
- —Mackay Bus Station
- —Barton Street Drainage Upgrade







MAJOR PROJECTS COMMENCING IN 23/24

Finalisation of Design & Commencement of Construction

- Bloomsbury Water Supply Scheme
- Northern Beaches Community Hub Stage 1A
- Artspace Facility Upgrade
- Woodlands District Park Footpaths, Amenities & Playground
- Palmer St & Evans Ave North Mackay, Water Main Renewals
- Oak St Andergrove Drainage Restoration
- Sydney & River St intersection Crossing at Bluewater Trail
- Brewers Road Bank Stabilisation
- Bells Creek Bridge Replacement
- Forbes Rd Bloomsbury Floodway Restoration
- Paradise & Webberley St Intersection Upgrade
- Stan Cam Park Renewal & Improvement Project
- Alsatia Park Playground Renewal
- Urban Asphalt Re-surfacing works







MAJOR PROJECT OPPORTUNITIES FOR THE FUTURE

Design Projects planned for construction in coming years

- Northern Beaches Community Hub Stage1B Library and Community Hub
- Mountain Bike Trails Future Stages
- Philip Street & Scriha Estate Mt Pleasant
- Sarina Youth Centre Upgrade
- Mackay Stadium Refurbishment
- Woodlands District Park All abilities playground and facilities

Projects in Design where construction funding is to be sought

- Northern Beaches Community Hub Stage 1B (Community Hub)
- South Mackay Levee
- Pioneer North Bank Shared Path Stage 3
- Resource Centre of Excellence Stage 2
- Mirani Community Precinct Masterplan

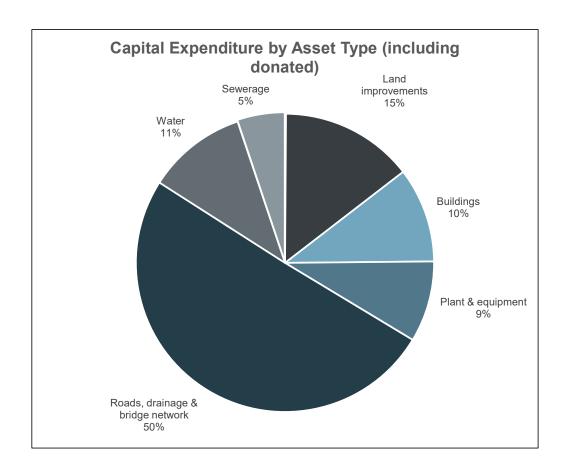






2023/24 CAPITAL PROGRAM

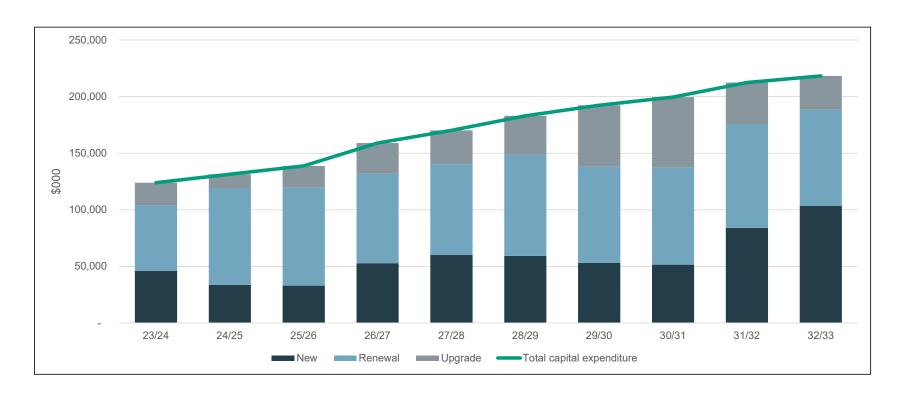
Roads, drainage and bridges \$64.5M Land improvements and parks \$18.5M Plant and equipment \$11.2M Water \$13.8M Buildings \$13.2M Sewerage \$6.6M \$128M







PLANNING TO INCREASE CAPITAL EXPENDITURE IN FUTURE YEARS



Forecast to spend ~\$1.4B in next 10 years





PREFERRED SUPPLIER ARRANGEMENTS and PREQULIFIED SUPPLIERS

Preferred supplier arrangement opportunities available in 2023/2024:

- Supply of chemicals & janitorial products and Herbicides and insecticides, fungicides, fertilisers and vector control chemicals.
- Supply of engineering and industrial supplies
- Material Testing Services
- Bitumen and Asphalt supply

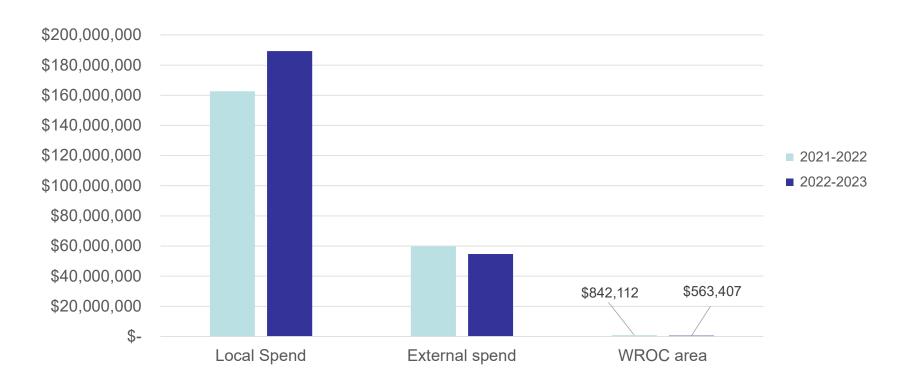






LOCAL SPEND BY DOLLAR

There was a significant increase in local spend in the last financial year.







INFORMATION SHARING

Queensland Government Qtenders:

https://www.hpw.qld.gov.au/qtenders/index.do

Future opportunities – upcoming tenders:
https://www.mackay.qld.gov.au/business/suppliers/tenders_and-purchasing2/upcoming_tenders

> Procurement Policy:

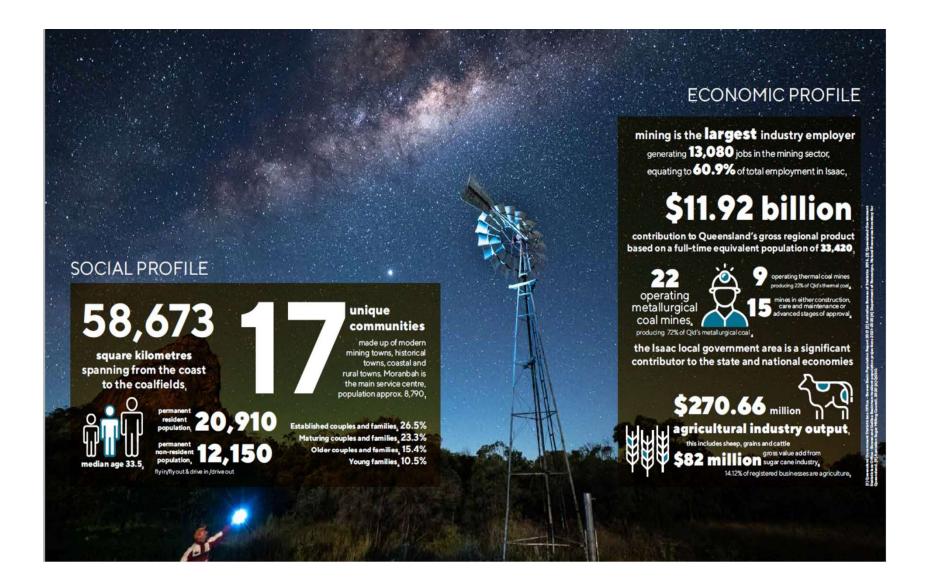
https://www.mackay.qld.gov.au/__data/assets/pdf_file/0010/1013 05/005 - Procurement Policy - Adopted version.pdf





For more information visit mackay.qld.gov.au/budget







Isaac's economic mix

- The Isaac is over 58,000sqkm or the size of Tasmania.
- We have a resident population of over 20,000 people and on any given night we welcome an additional 10,000 non-resident workers.
- Our economy is a diverse mix and a great example of co-existence.
- We have a thriving agricultural sector contributing more than \$270 million to the GDP made up of small crops and Queensland's second largest cattle herd.
- Our growing tourism industry is going from strength to strength.
- We have an emerging renewable sector with 11 projects in various stages of approval.
- We are Australia's largest resource region with 28 operating coal mines and 5 in various stages of approval or construction.
- Our coal makes up 70% of Queensland's steelmaking coal productions.
- 54% of Australia's steel making coal exports.
- So you can see we are a region that feeds, powers and builds communities.



CAPITAL BUDGET

Council's budget breakdown

We use this money for renewing and upgrading our roads, replacing or improving water and waste infrastructure and long-term projects like multi-phase community facilities' upgrades.



The proposed capital budget is subject to outside funding and grants

31%	\$17.7M Roads, drainage, infrastructure and technical services
22%	\$12.7M Waste
21%	\$11.9M Community facilities, hubs and compliance
11%	\$6.6M Council properties, fleet, plant and workshops
9%	\$5.6M Water
3%	\$1.6M Wastewater
2%	\$930K Services, support and safety
1%	\$575K Parks and recreation



Water and Wastewater projects

- FY 22/23 Adopted Budget \$7.2M
- Predominantly renewal / upgrade focused looking at existing infrastructure.
- Some new assets
- Multi-year projects





Moranbah Landfill Phase 2 (Cell 2)

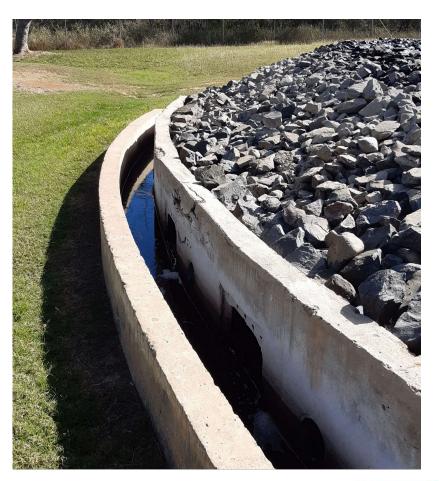
- Current Cell 1 reaching end of Life
- Construction of Cell 2
- 2nd year of 2 year project





Regional SCADA Program

- 2nd year of multiyear project
- Installing SCADA and associated monitoring control equipment at Glenden and Nebo WTP & WWTP





Moranbah 400ML Raw Water Dam Remediation

- Main raw water dam supply for Moranbah
- Asset construction 1993
- Multiyear project with completion in the 23/24 FY





Renewals Activities

- Water Valve & Hydrant Replacements
- Sewer Relining
- Water Meter Replacement / Recycled Water Meters
- Sewerage Pump Station renewals
- Clermont WTP Filter media and plant modernization
- Moranbah WTP Roof Replacement / Filter Valve Replacement





Engineering and Infrastructure

E&I Capital Program for 2023/24 financial year has been endorsed and comprises of \$25M including road infrastructure projects, fleet replacement, residential and commercial refurbishment and park upgrades.

- Floodway's Construction Program
- Golden Mile Road Pavement Reconstruction (2nd year of 3 year program)
- Asphalts renewals in Moranbah
- Resheeting and Reseals annual program
- Depot Upgrades
- Administration Proactive Works
- Replacement of various plant items (trailers / mowers / sprayers)
- Replacement of heavy earthmoving plant (graders, backhoes, forklifts)
- Note fleet replacement budget 93% committed due to early tendering in the 22/23 FY
- Playground Surfacing Renewals (year 1 of 3 year program)
- Sports and Recreational Area Lighting Renewals (year 1 of 3 year program)



Planning, Environment and Community Services

2023/24 Planning, Environment, and Community Services Capital Program
The PECS Capital program for financial year 2022/23 has been endorsed and comprises of \$5.7M externally and \$6.2M internally funded projects to total circa \$11.9M.





Planning, Environment and Community Services

PECS Program at a glance

Asset/Project Class	Combined Total
Community Halls, Civic Centres and Recreational Centres	\$10,745,000
Miners Memorial Design	\$ 50,000
Local Laws facilities	\$ 200,000
Regional Swimming pools	\$ 420,000
Showgrounds and/or saleyards	\$ 105,000
Tourism/Camping grounds	\$ 365,000



Planning, Environment and Community Services

Major project

Moranbah Community Centre – Refurbishment Project – Partnership funding RCIF \$8M / Council \$6M– Budget \$14M over the next 2 financial years

A multimillion-dollar redevelopment for one of Isaac's community centres will change the landscape in how events and workshops will be delivered.

The Council welcomed an \$8 million funding announcement to support the Moranbah Community Centre upgrade thanks to round one of the Resources Community Infrastructure Fund. The centre is over 50 years old and these funds will assist in the significant refurbishment and upgrade,





Major advocacy and regional projects

Major projects

- \$53M Moranbah Hospital Upgrade State Government
- \$2.8M Nebo Showgrounds Masterplan Stage 1
- \$42M Isaac Resources Excellence Precint
- \$14M Moranbah Community Centre Upgrade
- \$4M Golden Mile Road Dysart
- \$18M Phillips Creek Bridge Upgrade
- Country University Centres Clermont and Moranbah
- Circa \$8M Moranbah Community Workers Club upgrades
- Circa \$40M Regional Economic Futures Funding for transformation and economic diversification projects.



Isaac Regional Council Projects

NEBO SHOWGROUNDS MASTERPLAN PROJECT – Stage 1





- infrastructure upgrades
- heavy vehicle access
- general camping upgrades
- car parking



Proudly supported through the Australian Federal Governments **Community Development Grants**

Isaac Regional Council Projects

ISAAC RESOURCES EXCELLENCE HUB PROJECT – Stage 1



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\$2 MILLION

The proposed hub's scope is to involve the following elements:

- The North Bowen Basin Mines Rescue Station and Training Centre
- A satellite campus of Central Queensland University (with or without other partnering institutions)
- An in-mining-region collaborative hub-and-spoke extension of the Resources
 Centre of Excellence
- A node in the Cooperative Research Centre community including CRC TiME, CRC Northern Australia and possibly CRC EPIC
- A mining visitors' interpretive and cultural heritage centre; and
- Complementary industry, regulatory and community facilities and activities; and tangible respect for First Nations culture to advance the excellence hub vision



Overview of Procurement Process

- Need Recognition
- Funding Approved
- Determine the market approach
- Evaluation Panellists identified
- Assessment criteria established
- Develop the specification / scope
- Approval of Authority to Quote / Tender
- Issue RFx to market
- Respond to queries
- Close RFx
- Identification of Respondents

- Declaration of Interests
- Individual assessments performed.
- Moderation session held
- Clarification of response (if required)
- Re-evaluation (if required)
- Recommendation for award
- Probity checks
- Draft Letter of Award
- Signed as per Administrative
 Delegations of Authority.



The Rules of Procurement

The Act



https://www.legislation.qld.gov.au/view/html/inforce/current/act-2009-017

S106 - Sound Contracting Principles

- · Open and Effective Competition
- Value for Money
- Encouragement of the development of local business and industry
- Environmental protection
- · Ethical behaviour and fair dealing

The Regulations

https://www.legislation.qld.gov.au/view/whole/html/inforce/current/sl-2012-0236 Chapter 6

The Policy

https://www.isaac.qld.gov.au/about-council/current-policies

- Procurement Policy
- Local Preference Policy



Isaac Procurement Policy

Competitive bidding requirements

Limit (Excl. GST)	Requirement	
Less than \$1500	Verbal Quotation may be accepted, however written quote preferred.	
\$1,500 <-> \$15,000	Minimum of two written quotations	
\$15,000 <-> \$200,000	Minimum of three written quotations via a formal RFQ process.	
Greater than \$200,000	Invitation for written tenders are required.	

Exceptions for Medium and Large-sized contractual arrangements are outlined within Division 3, s229 – s235 of the Local Government Regulations 2012.

Notwithstanding the provisions within Division 3 of the Local Government Regulations 2012, Council shall attempt, where feasible, to adhere to the stated competitive bidding requirements. This includes when sourcing through an Approved Contractor List (ACL), Register of Pre-Qualified Suppliers (RPQS), or LGAQ arrangements.



Engaging of Suppliers

Two platforms used at IRC - either directly email known suppliers or we utilise the VendorPanel platform.



isaacrfx@isaac.qld.gov.au

Vendor Panel supports sourcing for both Tenders and Quotations and can also facilitate access to IRC pre-qualified panel arrangements and LocalBuy panel arrangements



https://www.vendorpanel.com/supplier-info



https://www.localbuy.net.au/



Tips to increase your chance of success

- Note the closing time and don't leave it to the last minute.
- Seek clarity if anything in the documentation is unclear.
- Attend pre-submission site meetings.
- Address compliance criteria.
- Provide all requested information.
- Check attachments are included.



How to find out about Council led projects

Council Website

 https://www.isaac.qld.gov.au/aboutcouncil/tenders-and-eoi-s

VendorPanel Website

https://www.vendorpanel.com/supplier-info

Procurement Email

isaacrfx@isaac.qld.gov.au

John Squire

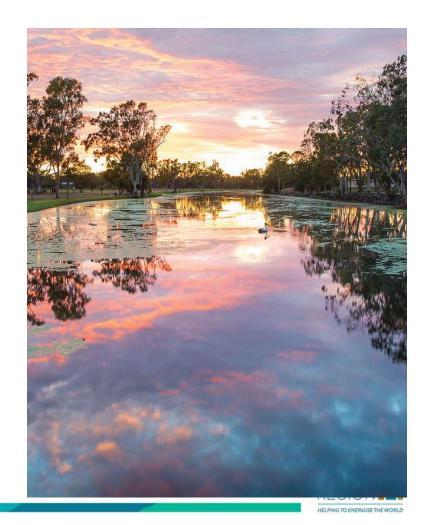
Manager Contracts and Procurement | Corporate, Governance & Financial Services

Phone: 07 4846 3537 | Mobile: 0427 414 506 I

1300 ISAACS (1300 47 22 27) | PO Box 97, MORANBAH QLD 4744

john.squire@isaac.qld.gov.au

www.isaac.qld.gov.au



Whitsunday Regional Council

Greater Whitsunday Regional Projects Forum – 7 September 2023

Peter Shuttlewood Executive Manager Procurement, Property and Fleet



Council overview

- Mayor and six divisional Councillors
- Area 23,863 km2
- Operational budget 2023/2024 \$150 Million
- Capital budget 2023/2024 \$52.5 M
- Asset value over \$1.7 Billion
- Residents 38,580







Procurement Policy

- Thresholds under the Local Government Regulation 2012
- Asset disposals, exceptions and compliance requirements.
- Building and Construction Works PQC over \$5 million
- Sustainable Procurement
- Mates in Construction
 - All construction projects over \$1,000,000Council requires that Principal Contractors awarded major construction projects shall adopt the Mates in Construction (MIC) Program General Awareness Training.
 - The MIC program is designed to:
 - > Raising awareness about suicide in the workplace;
 - Making it easy to access help; and
 - > Ensuring that the help offered is practical, professional and appropriate.







Local Preference Policy

Local Preference Policy

- 10% Local Preference weighting for Whitsunday Regional Council local suppliers.
- Preference to source quotes from neighbouring Councils Burdekin, Isaac and Mackay Regional Councils if local suppliers are not available.





Approaches to market



Web portal link and video

https://www.youtube.com/watch?v=YVs415a8Pgk

https://whitsunday.etenderbox.com.au/ListCurrentTenders.aspx



Approaches to market

Forms of Contract

- Construct Only AS2124 (With Amendments)
- Design and Construct AS 4300 (with Amendments)
- Minor Works AS4305 (With amendments)
- Supply and Install AS4910 (With amendments)
- Consultancy/Professional Services and Supply agreements Bespoke

Compliance

- Current Australian Business Number
- Safety Management Systems
- Contractor inducted to WRC
- Insurances PL \$20M, Work Cover, Plant and Equipment, Works (Where relevant)
- White Card Construction









Actions to address changes in the market

- EOI reduce tendering costs
- Principal supplied materials
- Provisional sums
- Relationship/collaborative contracting models ETI/ECI/Alliance
- New AS4000 is in development sometime in 2024.



Cannonvale Community Facility - Concept



Collinsville Community Hub - Concept





Projects – Buildings and Facilities

Public amenities renewals (Airlie Beach lagoon/Cedar Creek Falls/Brandy Creek/Bowen and Proserpine

Cemetery/Hansen Park/Shingley Beach)

• Bowen Administration building renovation









Projects – Water and Sewerage

- Proserpine WTP Raw Water Supply
- Coastal WTP Pump and Switchboard upgrade
- Sewer relining works
- Recycled water main
- Collinsville STP filter automation





Projects – Transport

- Tondara Road re-sheeting project
- Bicentennial boardwalk refurbishment Stage 2
- Reseal program
- Edgecombe Heights walking track
- Stormwater works (Regional)









Projects – Waste Management

- Kelsey Creek (Proserpine) Landfill new cell
- Kelsey Creek landfill remediation works
- · Bowen landfill remediation works
- Transfer station drainage







Projects – Capital purchases

- CCTV project Public space Amenities/Airlie Main Street
- Fleet/plant replacement











Projects – Aviation and Tourism

Whitsunday Coast Airport – HVAC upgrade

Whitsunday Coast Airport – Apron, roadway and access

• Shute Harbour fishing pontoon refurbishment











WHERE WE ARE

The ICN Network

ICN is made up of member organisations with procurement and supply chain expertise to provide you with specialist support and advice in your industry and local market.

Every day we work with local suppliers and project managers to help save valuable time and money in the procurement process. We also help to secure billions of dollars in contracts and jobs that may otherwise have gone overseas.



1984

The Industry Capability Network (ICN) was established in Australia in 1984 – originally known as ISO.

The national office ICNL was formed in 1995

It was initially formed as a joint initiative between the federal government and state/territory governments to support local industry participation and enhance economic development through better connections between buyers and suppliers.

A brand of the Queensland Manufacturing Institute

ICN Queensland

Facilitating full, fair and reasonable opportunity for local suppliers.

- Delivering procurement objectives in alignment with Department of State Development, Infrastructure, Local Government and Planning (DSDILGP).
- Commercially supporting private industry pre and post tender.







Australian Industry Participation



Charter for Local Content



Queensland Indigenous Procurement Policy



Buy Queensland

WHO WE ARE

We are experienced industry procurement and supply chain specialists who connect Australian and New Zealand businesses to projects large and small.

We are a not-for-profit organisation guided by a clear vision: To contribute to increased economic activity and employment for Australia and New Zealand, by driving Australian capability by connecting organisations and governments to local businesses and skills.



\$40B

Value of contracts awarded to Australian and New Zealand companies.



80K+

Australian and New Zealand companies on our database



100+

Industry Specialists working to help save time and money in the procurement process.



75K+

Contracts awarded to companies through ICN.

Some Clients we have supported





















































































Major Projects & Priority Industries

Project Pipeline

Queensland Government have identified a number of priority and emerging industry sectors and are developing a series of roadmaps for each sector as part of the Advance Queensland program.

Aerospace

Hydrogen

Beef Processing

METS

Biofutures

Resources recovery

Biomedical

Industry roadmaps

Defence

Superyacht Strategy

Priority Industries Queensland



Overview of major project environment

Hydrogen

The Queensland hydrogen industry has the potential to deliver significant economic, employment, energy security and environmental benefits for Queensland and Australia.

- SunHQ Hydrogen Hub Townsville
- Edify Green Hydrogen Project Townsville
- Hay Point Hydrogen Export Feasibility Mackay
- Emerald Coaches Green Hydrogen Mobility Project Mackay
- HyNQ Clean Energy Project Abbot Point

Queensland Hydrogen Industry Strategy

CSIRO Hydrogen Map





Overview of major project environment

Clean Energy

With Queensland quickly positioning itself to become a clean energy superpower there are increasing opportunities within clean energy.

Queensland Energy & Jobs Plan







Hydropower -Pioneer-Burdekin Pumped Hydro Project (Queensland Hydro)



Renewable Energy Hubs –Collinsville Green Energy Hub, Bowen Renewable Energy Hub, Clarke Creek Wind & Solar Farm

EPW Electricity Generation Map

















Overview of major project environment

Major Projects

Ever growing pipeline of work across health, infrastructure, energy and construction.

Bowen Basin - Arrow Energy

Mackay Ring Road - Golding Contractors

Mackay Airport Refurbishment – Mackay Airport Group

Mackay Hospital - BESIX Watpac

Moranbah Hospital – Hutchinson Builders

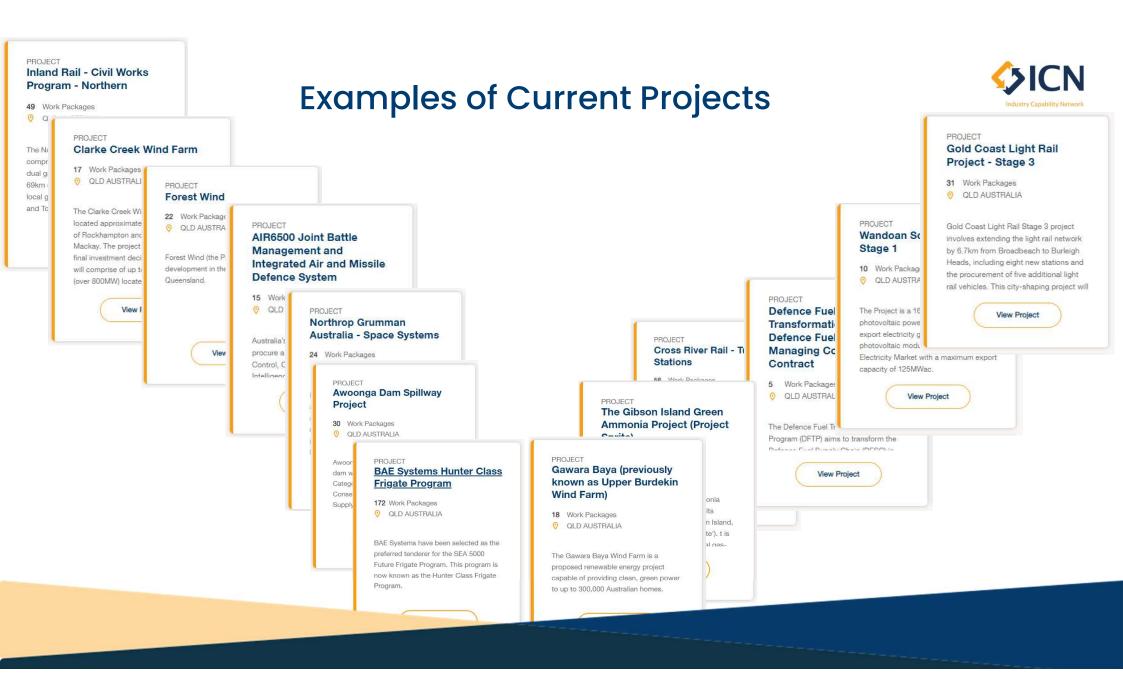
Walkerston Bypass - Fullerton Hogan

ICN Gateway

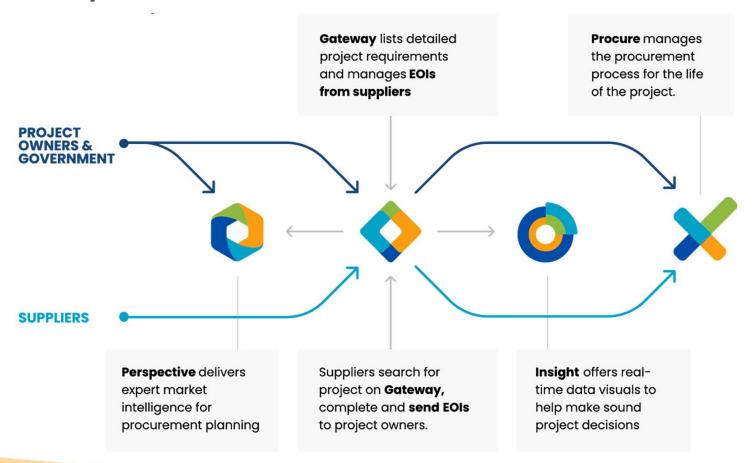
DSDLGIP Current Projects

Queensland Audit Office Major Projects 2022-2023

Queensland Major Projects Pipeline Report

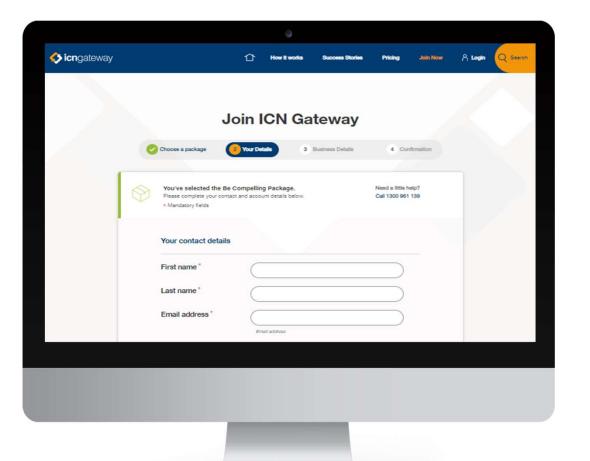


The ICN Ecosystem



Our integrated service offering means your company engagements are maximised throughout the entire procurement journey.

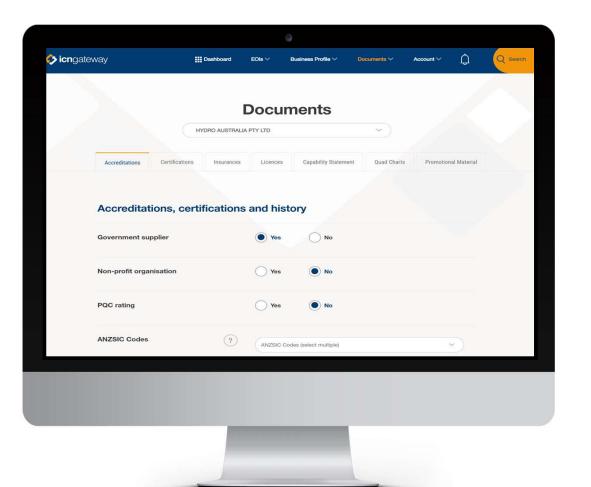
ICN Queensland offer various additional services from Industry Briefings and Meet the bidder/buyer sessions to supplier identification services.





Suppliers go through an in-depth registration process when registering on ICN Gateway.

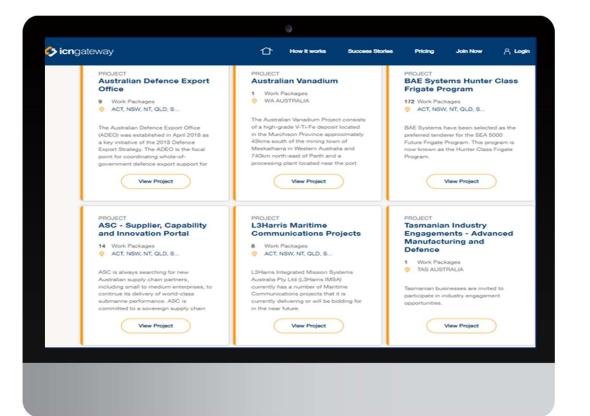
- To access opportunities on ICN Gateway, suppliers need to be registered on the ICN Gateway.
- Suppliers registering on ICN Gateway have the option of a free subscription or can opt in for a paid subscription.
- The registration process is a step by step wizard process capturing information necessary to create a profile





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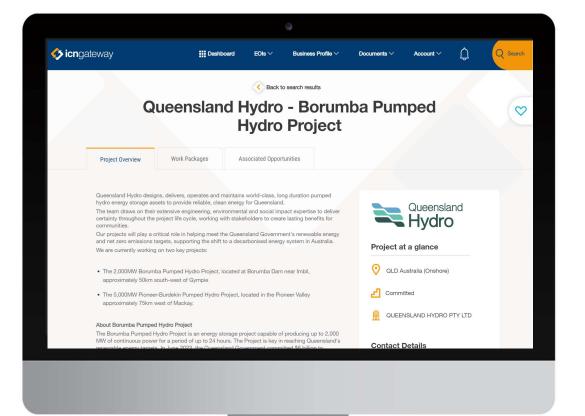
- Supplier profiles on ICN Gateway capture risk and compliance information including accreditations, certifications, insurances, licences and capability statements/quad charts. This is a qualitative and quantitative process.
- Supplier registrations are verified by our national consultants.
- Once Suppliers have completed their profile and signed up to either a "be compelling" or "premium" subscription they are able to access various benefits including generate a quad chart assisted with built in AI





Projects save time and money by matching capabilities and connecting with our expert team of industry specialists.

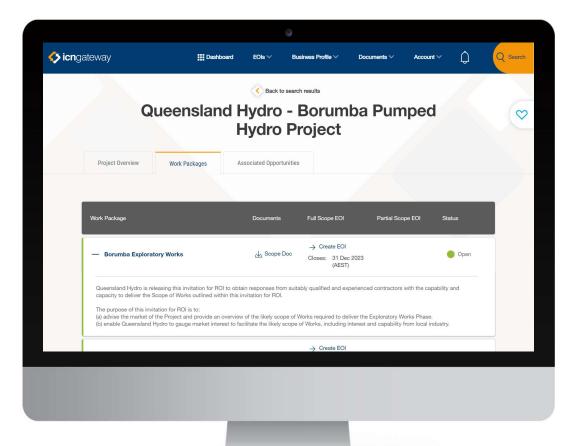
ICN Gateway is the pivotal connection between major projects and suppliers. It is a simple, easy to use tool for major projects across Australia to promote upcoming procurement and contracting opportunities.





Maximises the exposure of projects

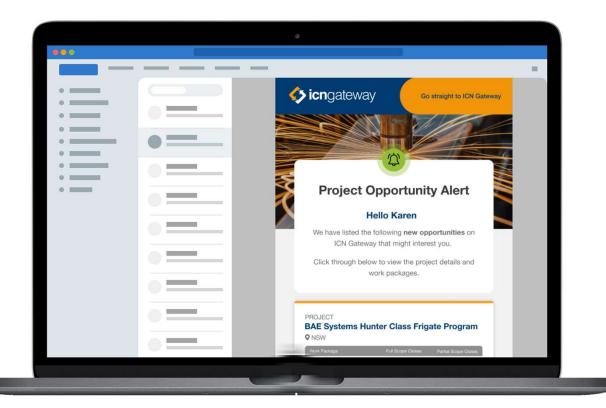
ICN Gateway is the largest national supplier database, which is why project proponents utilise Gateway to broadcast opportunities to supplier across Australia and New Zealand.





Clearly defines the scope of project

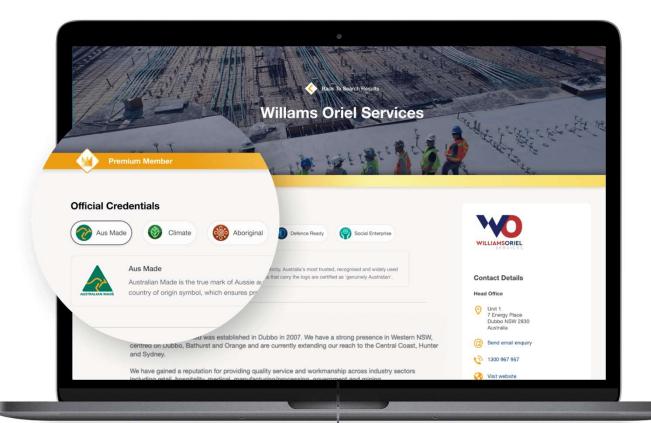
- We work with project proponents to define their work packages listed on the ICN Gateway
- Packages are broken into full and partial scope
- Question sets are associated with the packages that are package specific
- Suppliers respond with qualitative and quantitative responses





Promotes upcoming procurement and contracting opportunities

ICN Gateway automatic notifications allows for new opportunities alerts to be sent to suppliers matching their capability





Meets local procurement corporate responsibility and regulatory demands

- ICN Gateway provides access to a wide range of local suppliers, including Indigenous and minority-owned businesses.
- By utilising the Gateway, companies can enhance their supplier diversity initiatives and meet corporate responsibility goals related to promoting inclusivity and supporting underrepresented businesses.

Industry insights

Engaging with Major Projects

Clearly communicating capabilities & alignment with project requirements.

ICN Gateway



Quad Charts & Capability Statements

- DSDILGP- Capability statement workshops
- ICN Profile Improvement workshops



Sustainable supply chains

- ClimateClever
- Climate positive
 Olympic and
 Paralympic games



Visibility

- Keep ICN Gateway profile up to date
- Submit EOIs
- Attend industry events
 - Meet the buyer

EOI feedback & hurdles

Submitting Strong EOIs

Help project proponents understand your business capabilities and value proposition.

- Incomplete questionnaires
- Missing capability statement
- Quad Charts –especially for defence
- ISO and QA certifications
- Submit on time!!
- Treat each EOI as a new tendering process regardless of previous experience.

ICN Gateway



ON THE ROADMAP What's Next



Social Procurement Strategy

Providing buyers and suppliers a way to achieve social goals by integrating social procurement with their business objectives to help build competitive advantage in the marketplace.



Carbon Neutral Strategy

❖ A tool to address different levels of understanding held by businesses about climate change and standardise data and reports providing decision makers with quality information to take action on.



Thankyou!

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icn.org.au

A LUXURY OUTDOOR ADVENTURE

PIONEER VALLEY OUTDOOR TOURISM HUB

Finch Hatton



CONTENTS

MAP OF AREA INTRODUCTION TREND IN TOURISM BRIEF HISTORY OF THE VALLEY PIONEER VALLEY MOUNTAIN BIKE PROJECT ABC OF MOUNTAIN BIKE TOURISM PIONEER VALLEY OUTDOOR TOURISM HUB STRATEGY MARKET SEGMENTS IN SUMMARY **CONTACT US**

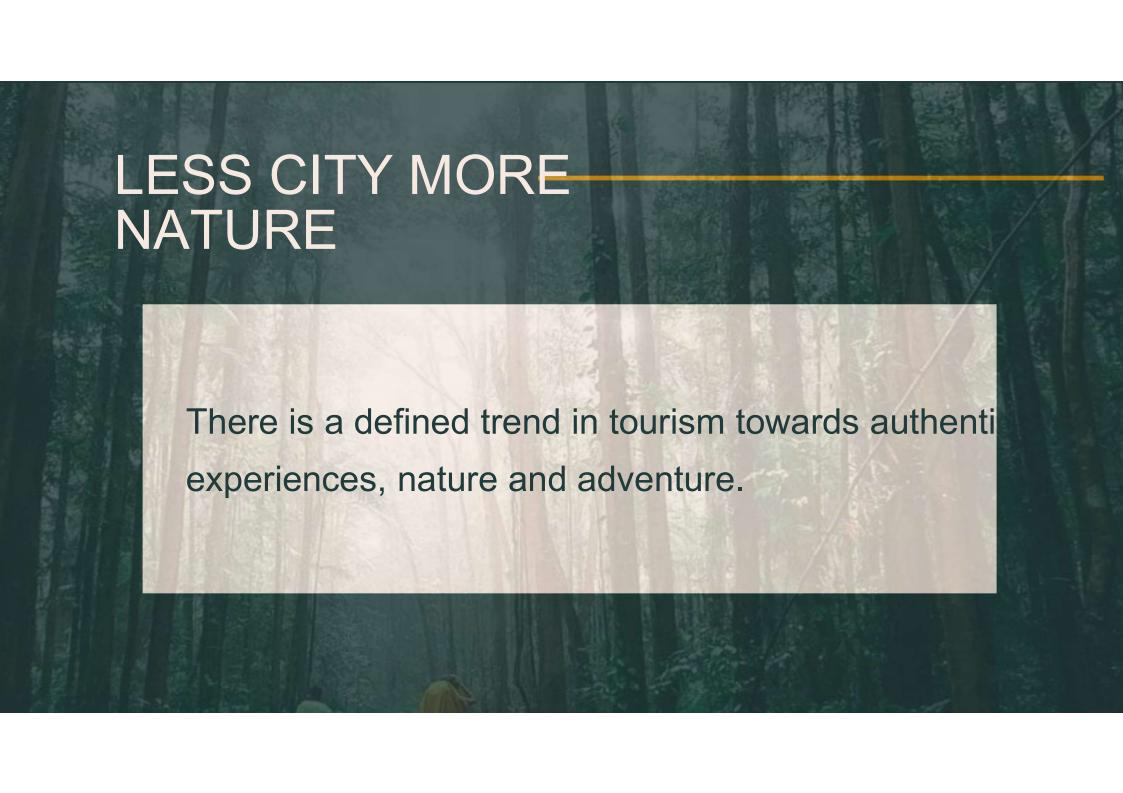




INTRODUCTION PIONEER VALLEY

The town of Finch Hatton 60km west of Mackay in the heart of the Pioneer Valley is set to be transformed into a mountain biking trail town surrounded by:

- World class Barramundi Fishing Proserpine, Kinchant, Teemburra and Eungella Dams.
- Mackay Highlands Great Walk
 Amongst cool and cloudy rainforest,
 towering trees, dense palm groves,
 deep gorges and steep escarpments.



PIONEER VALLEY HISTORY

Prior to European settlement, an estimated 2000 Indigenous people lived in the Pioneer Valley.

John Mackay a Scottish pastoralist explorer, from northern New South Wales established Green Mount Station in 1862 with 1200 cattle.

Cane farms were established on the floor of the valley leading to the establishment of two sugar mills in the Pioneer Valley one at Marian (1895) and the other at Finch Hatton (1906).

Heading west a further 10kms from Finch Hatton you find Netherdale at the foot of the range where you climb 700m to Eungella.

PIONEER VALLEY HISTORY

Atop of the range at one time there was 7 sawmills operating, 1935 land ballots were drawn for 39 lots for the purpose of dairy farming.

A lease condition was to clear 50 acres a year for 3 years leading to the establishment of 50 dairy farms.

The Dalrymple and Eungella farmers would transport their cream by packhorse to Netherdale, and initially railed to Rockhampton.

The Eungella Chalet was built in 1933.



Built in 1933.

Bought in 1937 by Mr Kaj and Mrs Johanna Sprogoe (nee Pratt) whom ran it until 1973.

Several owners since 1973.

In 1958 it was licensed as a hotel.

In the 1970s and 80s it was popular for smorgasbord lunches, cabarets and dances.

TRANSFORMING THE VALLEY

Commissioned by the Mackay Regional Council a Mountain Bike Strategy Report was delivered in February 2019.

The opportunity to develop an internationally significant mountain bike destination was identified underpinned by a trail town set amongst sub-tropical rainforest.

Cairns based World Trails designed a trail network featuring gravity airflow and adventure trails funnelled into Finch Hatton.

Fast forward and stage one will be complete by December 2023.

A transformational project for the Pioneer Valley but also a project that takes the world of Mountain Bike Tourism to another level.

ABC OF MTB TOURISM









WHISTLER

40 years ago locals started carving MTB trails once the snow melted. It was an "off-season " pursuit.

Today the Mountain Bike season at Whistler is bigger than the snow season

ATHERTON

2011 a concept plan for MTB trails was delivered. Key elements for establishing a MTB destination was not incorporated.

Trails must connect to a town with a single start and finish point.

RAIL TRAIL

120 km trail from Tallarook to Mansfield along an old rail line winding through more than 12 towns.

While it is good it is not a transformational project.

TRAIL TOWN

2015 the town of Derby began its transformation into a internationally acclaimed mountain bike destination.

A model was created and an Australian MTB trail town was born.





ABC OF MTB TOURISM









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■ All sections

HOME THE NATION WORLD BUSINESS COMMENTARY SPORT ARTS AII

Q Search

HOME / TRAVEL











From 'two feet in the grave' to boom town in just six years

When the eggheads crunch the numbers for the Census this year, they'll surely reckon there's been some sort of data blunder for the tiny Tasmanian town of Derby.

By GREG BEARUP

From The Weekend Australian Magazine June 18, 2021

II MINUTE READ • 🗪 99

A TRAIL TOWN

CONSUMER

Visitor arrives and they are set for the duration of their stay.

Like a ski resort where you stay on the mountain and you Ski IN Ski OUT from your accommodation.

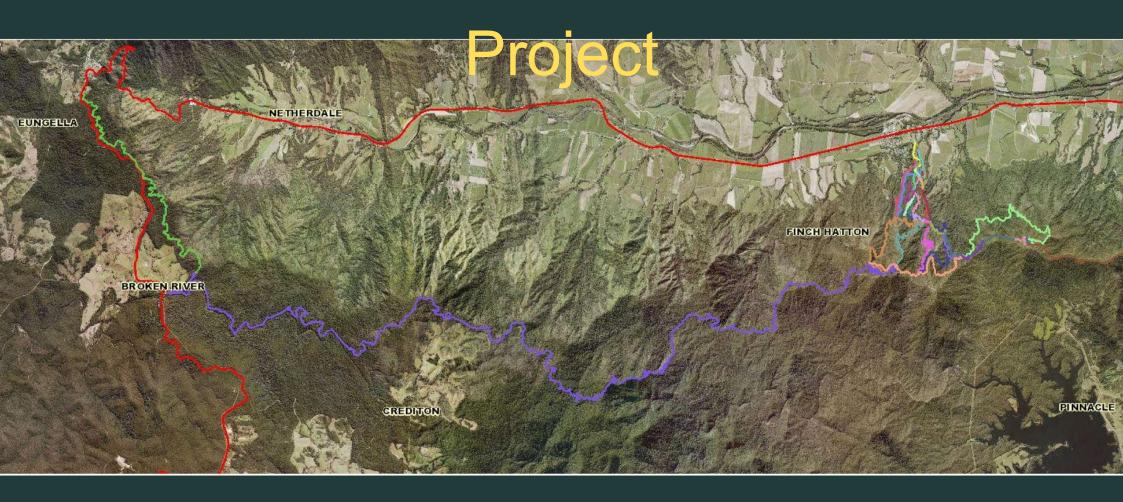
You start and finish at one point and everything to experience is hassle free.

CAPITAL

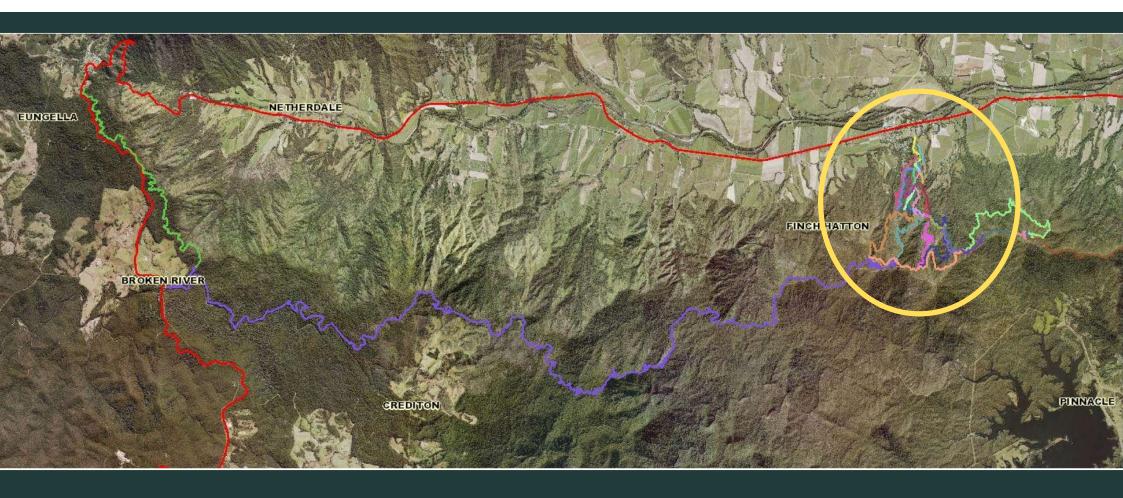
A concentration of capital that can be leveraged and invested successfully.

Retail, services and accommodation work together to establish a seamless visitor experience.

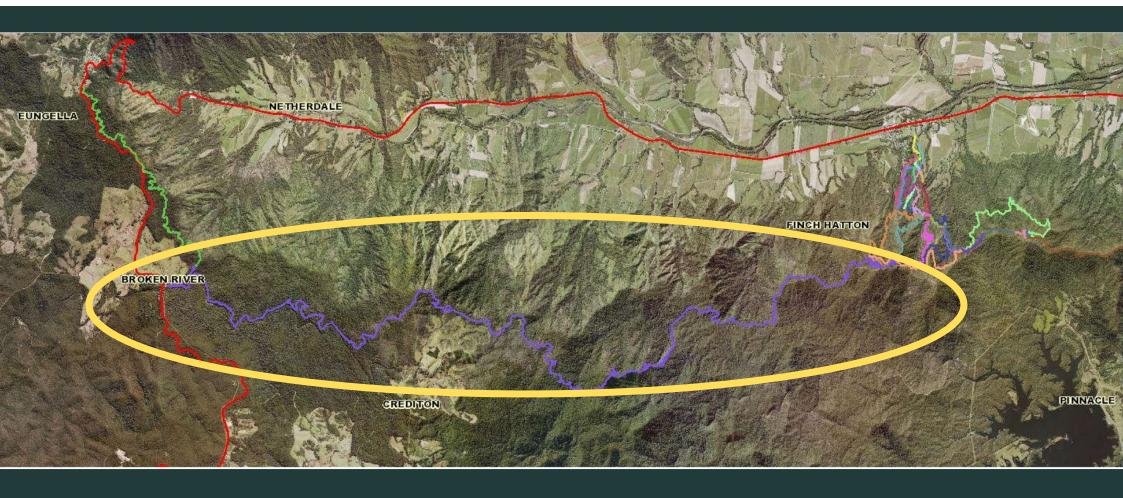
Pioneer Valley MTB







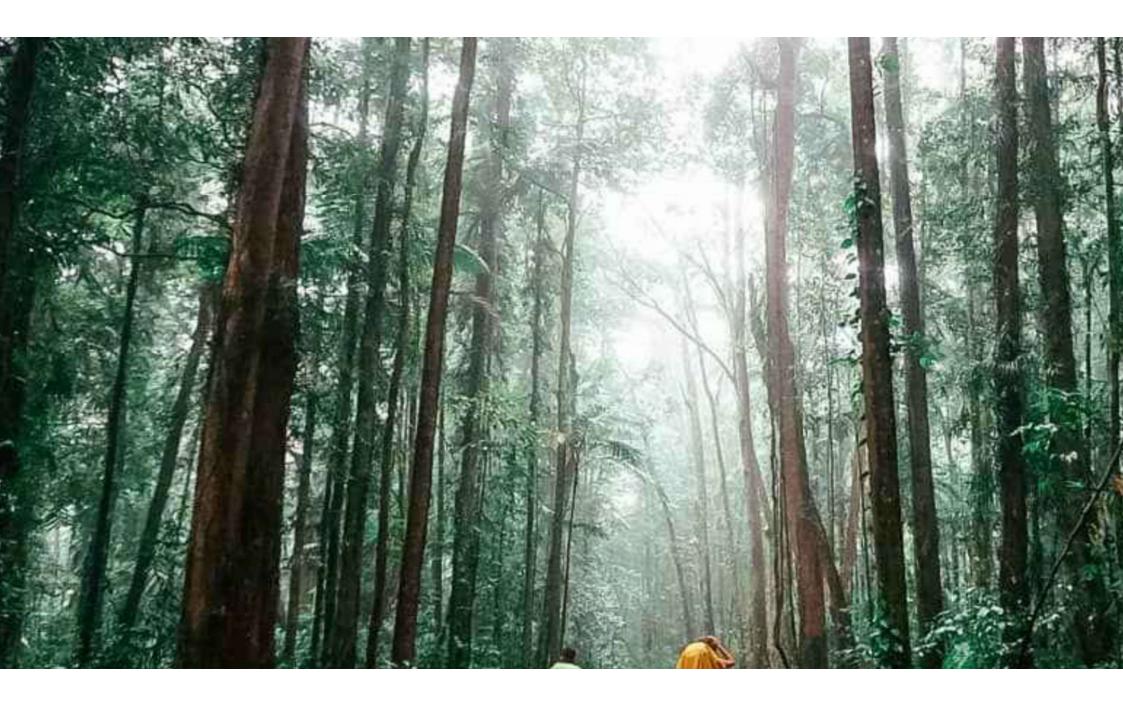
45km of Gravity Trails to the south of Finch Hatton connecting to the old Cattle Creek Sugar Mill now the Trail Head.



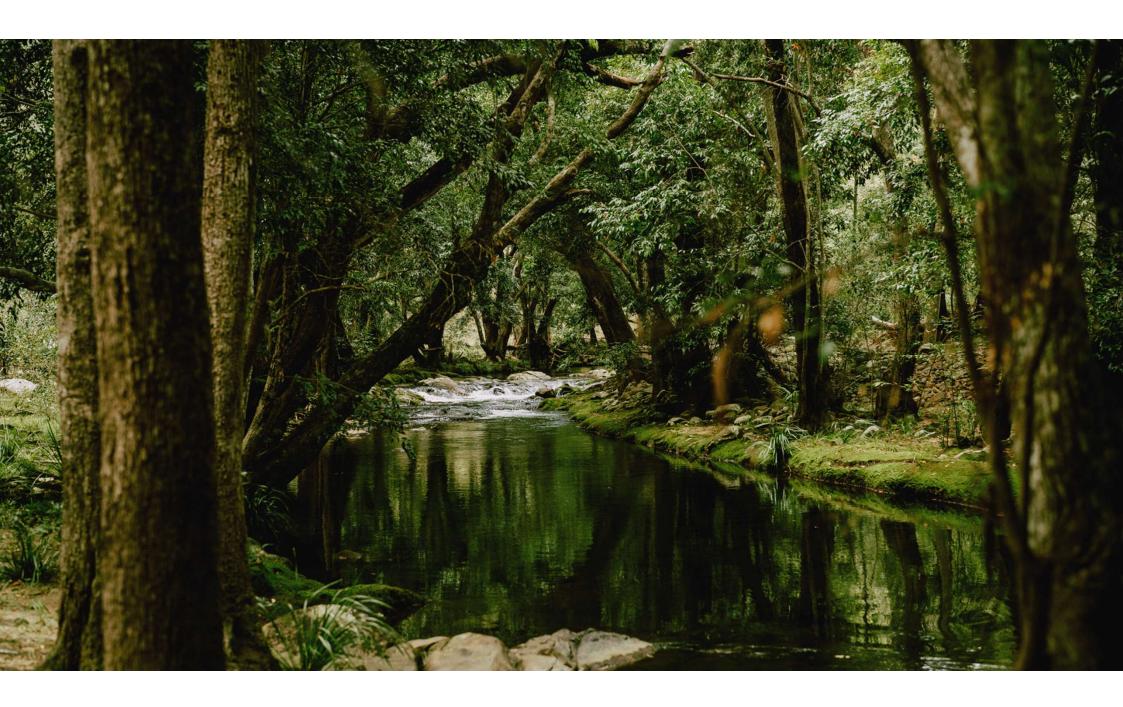
40 km Adventure Trail running from the top of the range down the southern range of the valley connecting with the gravity trails into Finch Hatton.

PIONEER VALLEY MTB PROJECT

- A high quality diverse network of trails catering to all skill levels incorporating gravity airflow and adventure trails all connected and funnelled into a trail town.
- Accessible on the east coast of Australia.
- Diversity of world class activities beyond mountain biking including: Trail running, walking and hiking through the Mackay Highlands. Day trips to waterfalls and freshwater swimming holes. Barramundi fishing in any one of the 4 world class impoundments.
- This project will support Mackay's vision to become a premier outdoor adventure tourism destination by driving new visitors and operators to the region.















BIKING

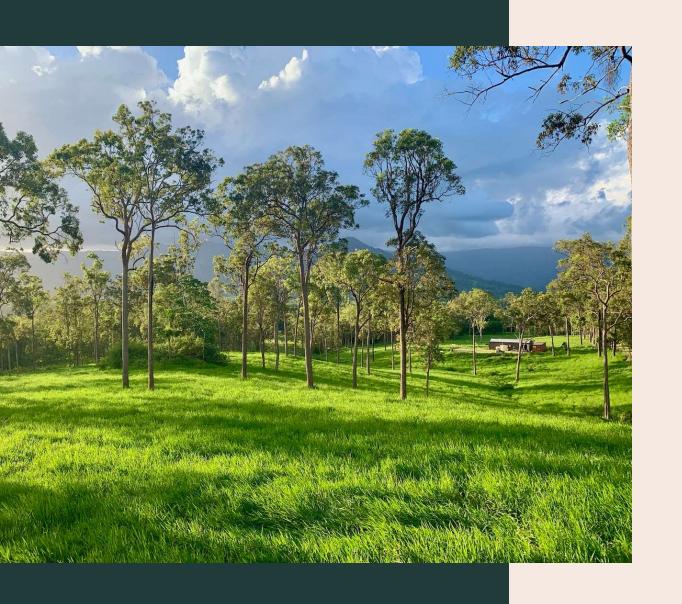
FISHING

HIKING

85km of world class trails through lush subtropical rainforest.

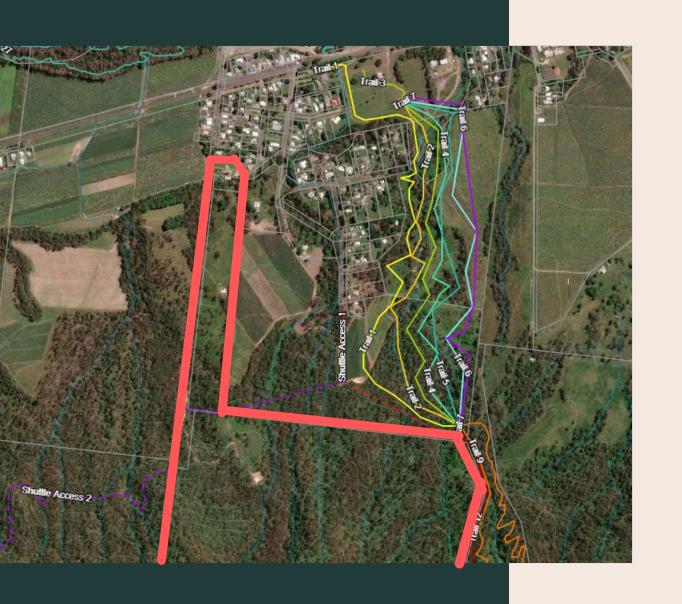
4 world class impoundments: Kinchant, Teemburra, Eungella and Proserpine. The Highlands Great Walk is 56 km of trails through the Crediton State Forest and Eungella National Park.





SITE

118 ACRES IN FINCH HATTON GRADUALLY SLOPING OFF THE SOUTHERN RANGE OF THE PIONEER VALLEY INTO THE TOWN OF FINCH HATTON.



SITE

RED IS THE BOUNDARY.

TRAIL RIDERS ON THE LAST RUN OF THE DAY WILL BE ABLE TO SWITCH FROM THE TRAILS BACK TO THEIR ACCOMMODATION.



Pioneer Valley Outdoor Tourism Hub

A world class fit for purpose facility befitting of the location is being built thanks to the Queensland Government's Activate Ecotourism Infrastructure fund, enabling local and resident guides to host clients across the valley for up to 7 days.



STRATEGY

PVR will partner with a range of experience-based operators and guides including; salt and freshwater fishing, mountain biking, hiking and 4WD adventures through rainforests to secluded natural swimming pools & waterfalls.

The resort will be the ideal base for visitors whilst they experience the best the region has to offer.

The facilities combined with world class outdoor activities will attract a new visitor demographic to the region with an average length of stay of 6 nights.

MARKET SEGMENTS by Month



HIKING 25%

FISHING 15%

BIKING 60%



Fishing Segment

4 DAMS

Finch Hatton ideally located to enjoy Barramundi fishing with no closed season whilst being insulated from tides & weather.

LOCAL GUIDES

Clients will use the facility as a base while they are guided throughout the valley for up to 5 days.

NORTHERN GUIDES

Barramundi guides that operate in the salt across the top of Australia will use the facility to host their clients in the off and closed season.

NATIONAL GUIDES

Guides from across the country that work where they live will use facility to take their clients Barramundi fishing.

In Summary

LOCATION

MTB will draw the visitors the Valley will deliver a 6 day average length of stay. (ALOS)

TRAIL TOWN

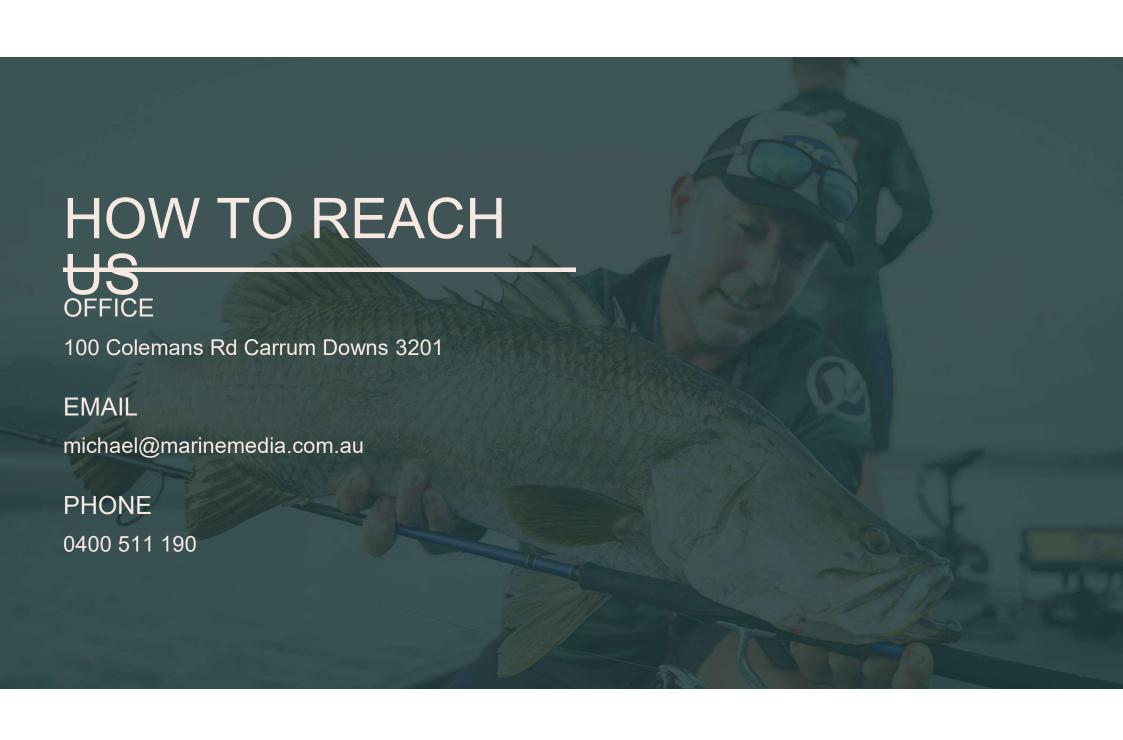
A proven model that delivers visitors and investors.

TRAIL NETWORK

Will attract more than MTB enthusiasts that is first timers - families, couples young & old.

EAST COAST

Quintessentially accessible wilderness.



NQBP PROJECTS

GW REGIONAL PROJECTS FORUM

SEPTEMBER 2023

HOSSEIN SAADAI

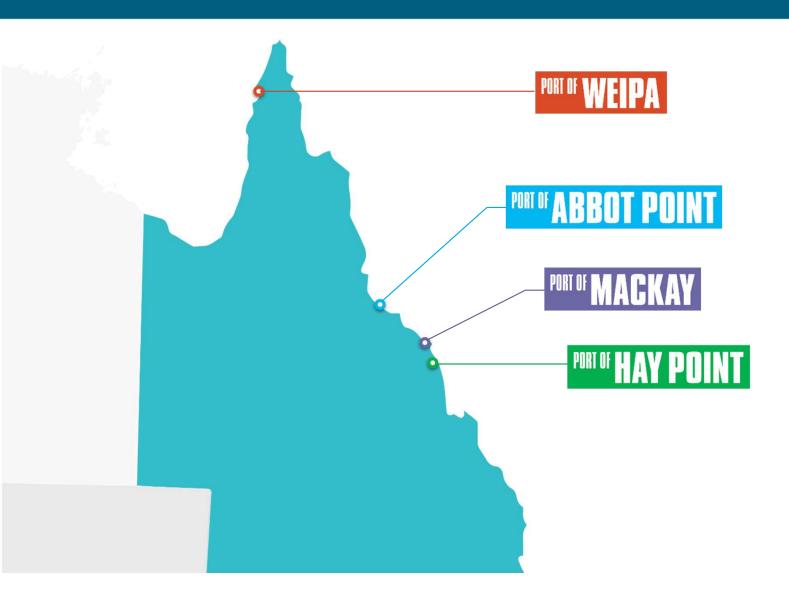
SENIOR MANAGER ENGINEERING & PLANNING





OUR PORTS





New CEO Appointed:

- Brendan Webb
- Starting 3 October 2023
- Based in NQBP's Mackay head office



VISION

To be global leaders in sustainable facilitation of port trade.

OUR VALUES



Integrity



Respect



Excellence



Unity

MISSION

To manage safe and efficient ports that connect regional Queensland to the world by balancing the needs of iconic natural environments, communities, stakeholders and port users.

STRATEGIC THEMES



Planning for Evolving & Transitioning Industries



Embrace
Existing &
New
Businesses



Collaborating to Enhance Reputation



Enhancing Employee Engagement & Efficiency



COMMITMENT TO LOCAL PROCUREMENT

LOCAL PROCUREMENT

OUENSIAND BULK
PORTS
CORPORATION

NQBP is committed to local procurement of contractors and suppliers.

Recent procurement examples include:

Port of Mackay

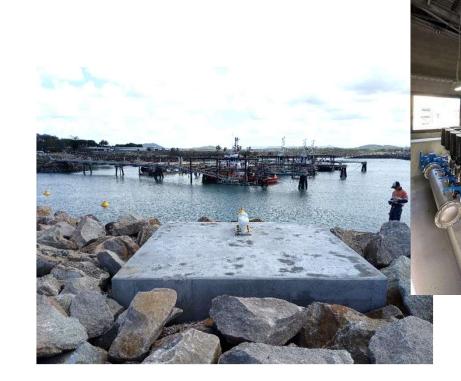
- Northern Revetment Upgrade
- Wharf 5 Electrical Upgrade
- Water Network Improvements Stage 1
- New Booster Pump Station
- Backflow Prevention Devices Installation
- Wharf 5 Amenities Building Replacement

Port of Abbot Point

- New Common Use Facility Stage 1
- Abbot Point Road Resurfacing

Port of Hay Point

New HTTH Tug Cyclone Mooring



Top: New Booster Pump Station

Bottom: HTTH Cyclone Mooring



UPCOMING PROJECTS*

*all projects subject to final approvals

BOWEN



Bowen Wharf Renewal

- Develop a revitalised low-maintenance jetty, widely accepted by community and stakeholders, to cater for the Bowen community for the decades to come.
- \$50M funding allocated by Queensland Government to "help pay for the replacement of the Bowen Wharf to support continued community access with the plans, designs, and approvals subject to further consultation with stakeholders".
- Phase 1 (concept development and community consultation process) will commence shortly.
- EOI for consultancy services for Phase 1 issued.
 Submissions under assessment.
- Detailed design and planning approval process to follow.
- Construction timing will be confirmed once the Project Delivery Plan is approved.





Middle Breakwater Road Upgrade

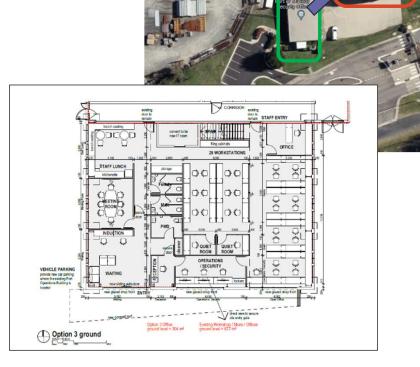
- Upgrade of existing road pavement along the Middle Breakwater.
- Fix localised loss of fines and foundation integrity.
- Will follow on from the pipeline relocation project to reinstate pavement integrity.
- Design works is finalised.
- Construction planned FY25 (after completion of pipeline relocation project)
- Budget: \$~2.5 million





Port Operations Building Replacement / Improvement

- Improvement and refitting of the existing Port
 Maintenance Workshop to make it suitable for office use.
- Design is commencing shortly to confirm suitable option.
- Construction to commence late FY24.
- Budget: ~\$2.5-3 million.





New Pollution Response Storage Shed

- Fabrication and installation of a new storage shed to accommodate the oil spill boat, pollution response gear and other equipment
- Combination of enclosed and open space (total ~1300m²) to replace a smaller shed, reaching end of life.
- Design is commencing shortly.
- Construction to commence mid FY24.
- Budget: ~\$600k.





Security System Improvements

- Installation of new CCTVs and poles
- Replacement of old CCTVs
- Upgrade to Gallagher access system
- Tender documentation is commencing shortly.
- Construction to commence Q3 FY24.
- Budget: ~\$0.8 million.



PORT OF ABBOT POINT



Nulla Bridge Resurfacing

- Bridge deck resurfacing
- Expansion joint improvement
- Delineation
- Asphalt patching around tie-in points
- Design documentation planned for Q3 2024.
- Construction planned late FY24
- Works packages of ~\$800k.





UPCOMING OPPORTUNITIES*

*all opportunities are subject to business case and project approvals



Wharf 1 Laydown Area Development (Business Case Under Consideration)

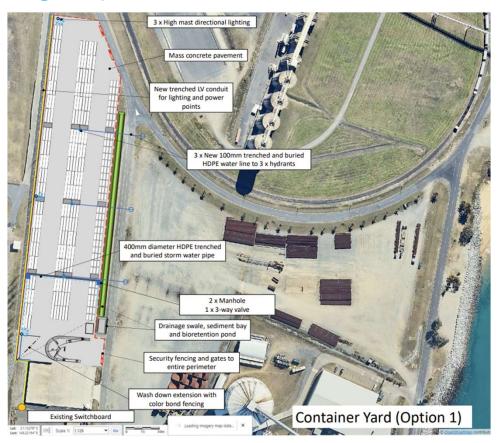
- New laydown area to allow storage of oversize / overmass cargo
- Supporting renewable energy development in the region, such as wind farm project cargo
- Major earthworks to raise the natural level with engineered fill (gravel pavement)
- Concrete slabs to tie-in to adjacent roads
- Sediment catchment
- Business case in progress
- Construction may commence in FY25 FY26 (subject to business case and project approvals)
- Estimated budget of ~\$4M.





New Hardstand Laydown Area (Business Case Under Investigation)

- New ~20,000 m² heavy-duty concrete pavement to allow reach stacker movement, container stacking and general break bulk.
- Feasibility studies and business case in progress
- Design to commence in late FY24 (subject to business case approval)
- Construction may commence in FY25.
- Estimated budget of ~\$12-13M



OFFICE LOCATION

Level 1, Waterfront Place Mackay Marina Qld 4740



Hossein Saadai
Senior Manager Engineering & Planning
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