

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



**Queensland
Government**

Industry roadmaps and strategies

Priority industries

- » Hydrogen
- » METS
- » Defence
- » Biomedical
- » Aerospace
- » Superyachts
- » Biofutures
- » Resource Recovery
- » Space
- » Beef Processing

Industry Development activities

- Accelerating the project pipeline
- Market and supply chain development
- Facilitating private sector investment
- Responsive policy and legislative framework
- Advancing new technologies
- Promote capabilities and opportunities
- Build awareness
- Facilitating skills development
- Provide strong government leadership

Hydrogen

- » Qld Hydrogen Industry Strategy 2019
 - placing Queensland at the forefront of renewable hydrogen production in Australia
 - Hydrogen Industry Development Fund (\$35m)
- » Hydrogen in Townsville
 - NQ H2 Industry Working Group
 - Ark Energy / Sun Metals (\$5m)
 - Townsville Hydrogen Hub (\$60m)



Defence

- » Defence Industry Hubs - “defence ready”
- » Defence and Aerospace Industry Development Fund
- » Significant projects:
 - NQ Spark
 - Australia Singapore Military training Initiative
 - Great Barrier Reef International Marine College defence training



Resource Recovery

- » Building a more sustainable industry
 - Resource Recovery Industry Development Program
29 projects diverting 1.34 million tpa
- » Joint programs with Australian Government
 - Queensland Recycling Modernisation Fund
 - Remote and Regional Recycling Modernisation Fund
- » Precinct planning
 - co-locate and connect businesses in supply chains
 - creating secondary markets for waste materials



\$3.34 billion Queensland Jobs Fund

- » Industry Partnership Program
- » Backing Queensland Business Investment Fund
- » Queensland Renewable Energy and Hydrogen Jobs Fund
- » Building Acceleration Fund
- » Made in Queensland
- » Manufacturing Hubs
- » Hydrogen Industry Development Fund
- » Queensland Recycling Modernisation Fund
- » Invested in Queensland program

Contact the Queensland Jobs Fund concierge service for more information: statedevelopment.qld.gov.au/queensland-jobs-fund



THANK YOU



Queensland
Government

Townsville HHS

Procurement Outlook 2022-23

Townsville Industry Breakfast
11 May 2022

Scale of activity

Each day on average across the Townsville Hospital and Health Service:

344 
patients attend an
Emergency Department



292
patients are
admitted to
hospital



1,233
outpatients were
treated



43
patients have a
surgical operation



7 babies
are born

For the 2020-2021 financial year the Townsville HHS delivered more than:



125,583
Emergency Department
attendances



106,441
hospital admissions

2,652
births



185,481
dental treatments



15,645
surgical operations



137,597
medical imaging
examinations

205,218
specialist outpatient
appointments



Key considerations of the **Plan** include:

- **THHS Health Service Plan 2018 – 2028** indicates we need an additional ~ **400 hospital beds in Townsville over the next 20 years (an increase of ~70%)**
- Partnership with JCU, TCC and private industry to form an **integrated health and knowledge precinct as part of the City Deal**.
- Better connectivity to Townsville's significant residential and business precincts including the CBD.

The new master plan will respond to key drivers for our business, including;

- Closing the Gap for Aboriginal and Torres Strait Islander Peoples
- Ageing and growing populations
- Increasing chronic disease and patient multi-morbidity
- Key service delivery priorities that bring services closer to home for North Queenslanders.





ABOUT US

Townsville Hospital and Health Service (HHS) is the public healthcare provider for more than 250,000 people across a geographic area of 150,000km².

We serve the local government areas of Townsville, Burdekin, Charters Towers, Flinders, Richmond, Hinchinbrook, and Palm Island.

In doing so, we operate 21 facilities: 19 hospitals and health centres and two residential aged care homes. More than 6,600 staff work across our facilities, which is about one in every 17 working people - making us members of the communities we serve.

We provide a comprehensive range of services, from primary care in remote locations, to highly specialised care at Townsville University Hospital. This is the largest tertiary hospital in Northern Australia, providing specialist referral services for the 700,000 people living from Mackay, to the Torres Strait, to the Northern Territory border.

More than providing the healthcare of today; we are planning and innovating for the future. Our staff and collaborators are advancing healthcare through impactful research. While as a major teaching hospital, we are training tomorrow's doctors, nurses, midwives, allied health practitioners, and more.

Our vision is world-class healthcare for northern Queensland. This plan commits to this ambitious direction, outlines our strategic objectives, and lists the measures we will use to know we have achieved them.

OUR CONTRIBUTION TO THE QUEENSLAND GOVERNMENT'S OBJECTIVES FOR THE COMMUNITY

Townsville HHS contributes to the achievement of the goals set out in the Government's objectives for the community - Unite and Recover, specifically:

- **Safeguarding our health** - by responding to the threats of the COVID-19 pandemic
- **Backing our frontline services** - by developing our workforce to provide excellent care
- **Supporting jobs** - by hiring more doctors, nurses, midwives, and allied health practitioners
- **Growing our regions** - by attracting talent and investment to North Queensland
- **Building Queensland** - by delivering new infrastructure to meet community needs.

OUR COMMITMENT TO HUMAN RIGHTS

We will respect, protect, and promote human rights in our decision-making and actions.

OUR CHALLENGES

- Responding to the immediate and longer-term impacts of the COVID-19 pandemic
- Increasing demand, arising from a growing and ageing population, rising burden of chronic disease, and declining private health insurance coverage
- Attracting and retaining a diverse workforce with specialist skills in regional Queensland
- Limited investment potential due to a constrained funding environment
- System fragmentation which impacts the ability to provide integrated services.

OUR OPPORTUNITIES

- Government funding commitments to upgrade and expand our facilities
- Modern care models such as telehealth, virtual clinics, and hospital in the home
- Leading efforts to achieve health equity for First Nations people which comprise 9.3% of our population - double the Queensland average
- Harness the potential of our people
- Leveraging our strong fundraising, education, research and service delivery collaborations, including the Brighter Lives Foundation, Tropical Australian Academic Health Centre, TropiQ Tropical Intelligence and Health Precinct, and Better Health North Queensland.



ACKNOWLEDGMENT OF TRADITIONAL OWNERS

Townsville HHS acknowledges Aboriginal and Torres Strait Islander peoples as the first people and Traditional Custodians of the lands on which we walk, talk, work and live. We pay respect to Elders past, present, and emerging.



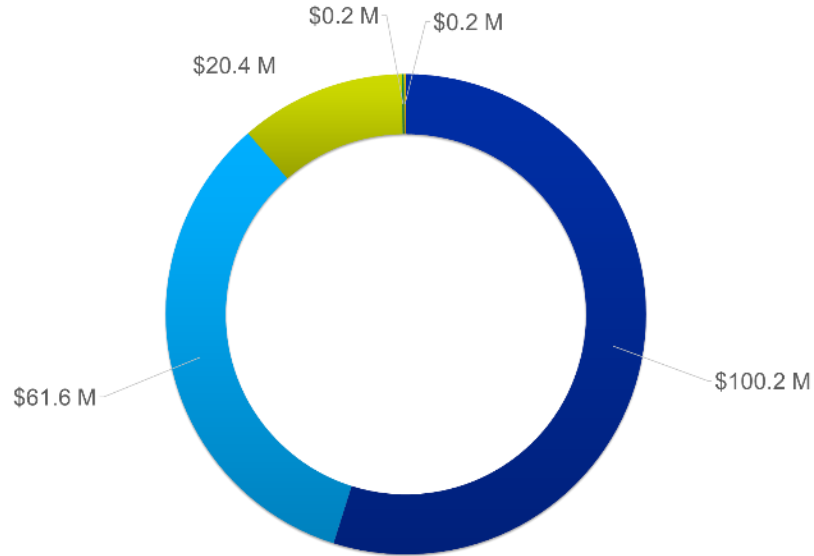
We are committed to providing accessible services to those from culturally and linguistically diverse backgrounds. If you have difficulty in understanding the strategic plan, you can contact us on telephone (07) 4433 1111 and we will arrange an interpreter to effectively communicate it to you.



Queensland
Government

Local Benefits delivered through Procurement

By region FY19 to FY22 YTD

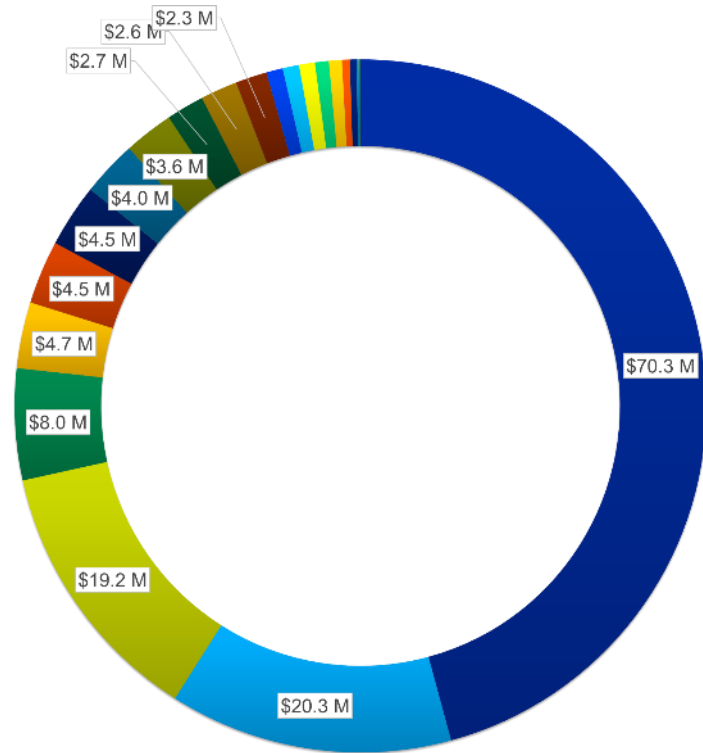


- 1. Local Zone 1 within 125km of Hospital
- 2. Local Zone 2 with Region of HHS
- 3. Local Zone 3 within Queensland
- 4. Interstate
- 5. Overseas

Category Overviews

Current category value breakdown

Category	Contract\$
Medical Labour and Services	\$70.3 M
Building Costs & Construction	\$20.3 M
Medical Equipment and Maintenance	\$19.2 M
Construction Services	\$8.0 M
ICT Software	\$4.7 M
Facilities Management and Maintenance	\$4.5 M
Food and Catering	\$4.5 M
Building, Plant and Equipment	\$4.0 M
Prosthetics	\$3.6 M
Professional Services	\$2.7 M
Utilities	\$2.6 M
Research	\$2.3 M
Contractor	\$1.2 M
Property Services	\$1.2 M
Employee Services	\$1.1 M
ICT Services	\$1.0 M
Medical Consumables	\$0.9 M
Pharmaceuticals	\$0.6 M
Consultants	\$0.5 M
Accommodation	\$0.1 M
Logistics	\$0.1 M
Business Services and Equipment	\$0.1 M
Telecommunications	\$0.0 M
Travel	\$0.0 M
Grand Total	\$153.5 M



Category Overviews

THHS Procurement pipeline

- **Capital works and major construction 22-24**
 - TUH Hybrid Theatre ~\$18M
 - TUH Outpatients Department ~\$4M
 - TUH North QLD Persistent Pain Management Service ~\$4M
 - Kirwan Health Campus Redevelopment ~\$40M
 - Multiple projects at TUH campus in scoping and approvals phase
- **Building, Engineering and Facilities Management works**
 - Ongoing program of maintenance
 - Suppliers are engaged via panel arrangements, RFQ processes, and minor/medium works tenders
 - Large number of tenders to be let for works in CY2022 supporting:
 - Strategic Maintenance Program (SMP)
 - Health Technology Equipment Replacement program (HTER)
 - DoH Sustaining Capital program
 - DoH COVID Response Infrastructure Program



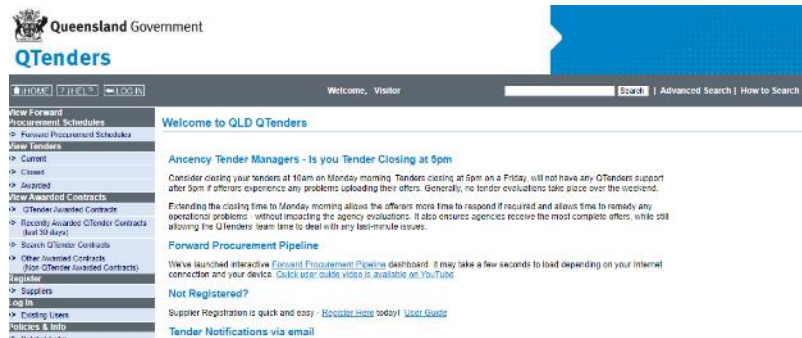


- **BEMS works planned for 2022**
 - **SMP works**
 - TUH Master key replacement project – to market this month
 - Ayr Generator replacement – tender live now
 - Parklands Fire System renewal
 - Home Hill Fire System renewal
 - TUH Roadway
 - **HTER works**
 - Cardiac Angiography suite replacement
 - MRI #1 replacement and installation works
 - **Sustaining Capital program works**
 - TUH HVAC renewal
 - Central Sterilisation Department compliance works (multiple sites)
 - Eventide RACF Fire System renewal

How to participate?

Tender platforms

- Tenders for projects over \$100K are released to the market via Queensland Government digital tender platforms, QTenders and eTender
- QTenders is used by all Departments, agencies and statutory bodies to seek tender bids and offers from the market for all categories and requirements
- eTender is the dedicated platform for construction works tenders managed by QBuild and the Department of Energy & Public Works
- For major construction tenders THHS will use the QBuild Prequalification (PQC) System



Queensland Government
QTenders

Welcome, Visitor

Home | Search | Advanced Search | How to Search

Welcome to QLD QTenders

Agency Tender Managers - Is your Tender Closing at 5pm

Consider closing your tenders at 10am on Monday morning. Tenders closing at 5pm on a Friday, will not have any QTenders support after 5pm if offerors experience any problems uploading their offers. Generally, no tender evaluations take place over the weekend.

Extending the closing time to Monday morning allows the offerors more time to respond if required and allows time to remedy any operational problems without impacting the agency evaluations. It also ensures agencies receive the most complete offers, while still allowing the QTenders team time to deal with any last-minute issues.

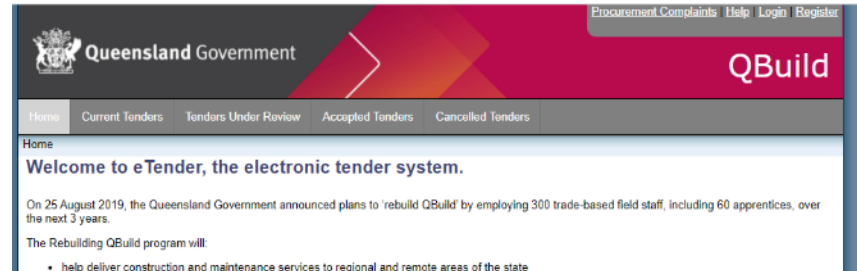
Forward Procurement Pipeline

We've launched interactive **Forward Procurement Pipeline** dashboard. It may take a few seconds to load depending on your internet connection and your device. [Click user guide video](#) is available on YouTube.

Not Registered?

Supplier Registration is quick and easy. [Register here](#) today! [User Guide](#)

Tender Notifications via email



Queensland Government
QBuild

Home | Current Tenders | Tenders Under Review | Accepted Tenders | Cancelled Tenders

Home

Welcome to eTender, the electronic tender system.

On 25 August 2019, the Queensland Government announced plans to 'rebuild QBuild' by employing 300 trade-based field staff, including 60 apprentices, over the next 3 years.

The Rebuilding QBuild program will:

- help deliver construction and maintenance services to regional and remote areas of the state

What is the Prequalification (PQC) System?

The Prequalification (PQC) System is Queensland's whole-of-government register of prequalified building consultants and contractors

Government departments use the register to identify prequalified suppliers suitable to deliver projects based on the project size, type and location as well as the supplier's licence and capabilities.

Search **PQC** in any search engine to get started or go to the Business Queensland website www.business.qld.gov.au for more information





Benefits of QTenders and eTender registration:

- Instant notifications of tender releases for all Queensland Government tenders relevant to your business
- Full visibility of Queensland Government Forward Procurement Pipeline
- Visibility of individual Department/Agency Forward Procurement Schedules
- Open, transparent and fair opportunity for your business to bid on Townsville HHS tenders

Search “**QTenders**” and “**eTender**” in any search engine to get started



Townsville
Hospital
and Health
Service

Procurement & Contracts Unit

Procurement enquiries contact:
Andrew.Potter2@health.qld.gov.au

Thank you

Defence Transition to Manufacturing Program

- » Are you an ex-ADF member looking for civilian career options?
- » Townsville Manufacturing Hub, The Defence Industry Hub and TAFE Qld have collaborated with local businesses and IPA to offer ex-ADF personnel employment in the manufacturing industry
- » The pilot program will give an entry level and key understanding of key manufacturing skills and industry experience for a career in manufacturing.
- » Duration: 9 weeks including 5 weeks training and 4 weeks paid industry placement

Defence Transition to Manufacturing Program

» Expressions of Interest are now open!

For further information contact and to register your interest:

Manufacturing Hub

Townsville.Manufacturinghub@rdmw.qld.gov.au

Defence Industry Hub – Workshop Schedule

- » Defence Basics 101 – Cairns – 16th June
- » Whole of Queensland, Defence Business 101 webinar – May/June
- » ASMTI Ready Master Class (including pitching, tendering and Joint Venture information) – August/September

Defence Industry Hub – Workshop Schedule

- » Townsville face to face workshops – August to November
- » Joint Venture webinar – September/October
- » Cyber webinar – September/October

For further information contact:

Defence Industry Hub

Amy.Lever@dasilgp.qld.gov.au OR

Danielle.Walton@dasilpg.qld.gov.au



A new aquaculture industry for Tropical Rock Lobster

Scott Parkinson
CEO





An Australian owned company using aquaculture to create a more sustainable future.

Ornatas is led by a board and technical team dedicated to a **sustainable future for seafood**, with a shared ambition to create opportunities in regional communities and respect our environment.



Our Strategy for 2022

Ornatas Vision



To create an
**Australian Tropical
Rock Lobster industry**
for domestic and
international markets

Operational Developments



Tasmania: ongoing Research
partnership UTAS
Townsville: Commercial Onshore
Lobster Aquaculture
Northern Australia: Sea Raft
Lobster Aquaculture

Peak production reached by 2032



1000 tonnes of Tropical
Rock Lobsters In
Onshore and Sea Raft
Culture

10 year Australian Industry growth plan



Annual turn over of **\$140 million**
Direct Employment **120 staff**
Creating a new Australian Lobster
industry worth **\$500 million**,
direct and indirect employees
greater than **500 people**

20 years in the making

Ornatas has successfully commercialised world's first science from the University of Tasmania's IMAS division, and now has a **fully operational Tropical Rock Lobster hatchery/nursery in Northern QLD**. Our operations are under-pinned by ongoing research funded by Ornatas/Australian Research Council/University of Tasmania, the CRC for Developing Northern Australia and Fisheries Research and Development Corporation.

The future:

Ornatas is now working with its partners to bring Tropical Rock Lobster grow-out to Northern Australia in onshore ponds and sea rafts, **to create a premium and sustainable, Australian Tropical Rock Lobster product.**

Research partnership critical
for success



Company History:



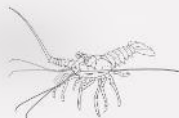
June 2017 – Our financier invested in Lobster research partnering with UTAS and purchased a exclusive licence for hatchery production of Tropical Rock Lobsters in Australia.



June 2018 - Ornatas Pty Ltd established and the inaugural board was appointed to manage the aquaculture production of Lobsters



July 2019 - Ornatas purchased 268 Ha Lot in Townsville to fast-track grow-out technology of Lobsters



Jan 2021 - Ornatas Strategic review identifies Tropical Rock Lobsters as key species and all future investment to concentrate on egg to plate strategy



May 2022 – Ornatas increases staff to 24 including appointment of Senior Management Team



\$18 million Capital invested in Toomulla Beach facility
\$6 million operating expenses
\$4 million invested in Research and Development

Research Projects :

Sustainable Onshore Lobster Aquaculture



Building knowledge to establish the world's first sustainable onshore lobster aquaculture industry focused on commercial, sustainable and socially acceptable lobster production from hatchery to market.

Pioneering Tropical Rock Lobster Raft Culture for Northern Australia



Under a collaborative project funded by the CRCNA, our aim is to bring Tropical Rock Lobster sea raft grow-out to northern Australia

Commercial outcomes:



Established Business, building the foundations for a 1000T lobster industry within 10 years
(Corporate structure, strong leadership and technical strength and bolt on business model)



Well-established partnerships, UTAS, Federal and State political parties, Aquafeed companies, good working relationship with DAF, DES, and GBRMPA



Designed and tested World first commercial scale lobster hatchery capable of producing commercial numbers of Lobsters for grow out



May 2022 - fully operational 12 tank Lobster hatchery and nursery holding over 6,000 lobsters



Value creation for investor

- Free hold of site, long term access agreement through National Park, ILUA nearing completion
- Fully operational aquaculture site

Capital Project 2022-24 – \$14m investment

Infrastructure upgrades



Upgrade of the Bruce Highway turnout



Potable water pipeline



High-speed Internet NBN



Office and staff amenities

Operational upgrades



Increase Nursery capacity and Life support systems
– capacity of 100,000 * 10g juveniles per year



Increase onshore pond grow-out capacity
– 20T per Ha



Saltwater upgrades

Ornatas Goals



36 tank Modular Hatchery and Nursery



1,000,000 Per annum



700,000 Lobsters PA



1,000T Premium export product



Ornatas employing 120 people
Strengthen relationship with JCU
and QLD TAFE



Total investment to complete
project \$100 million





Thankyou



Ornatas
Team



Bowen Pipeline Project

Unlocking the economic potential of the Inkerman-Gumlu-Bowen region

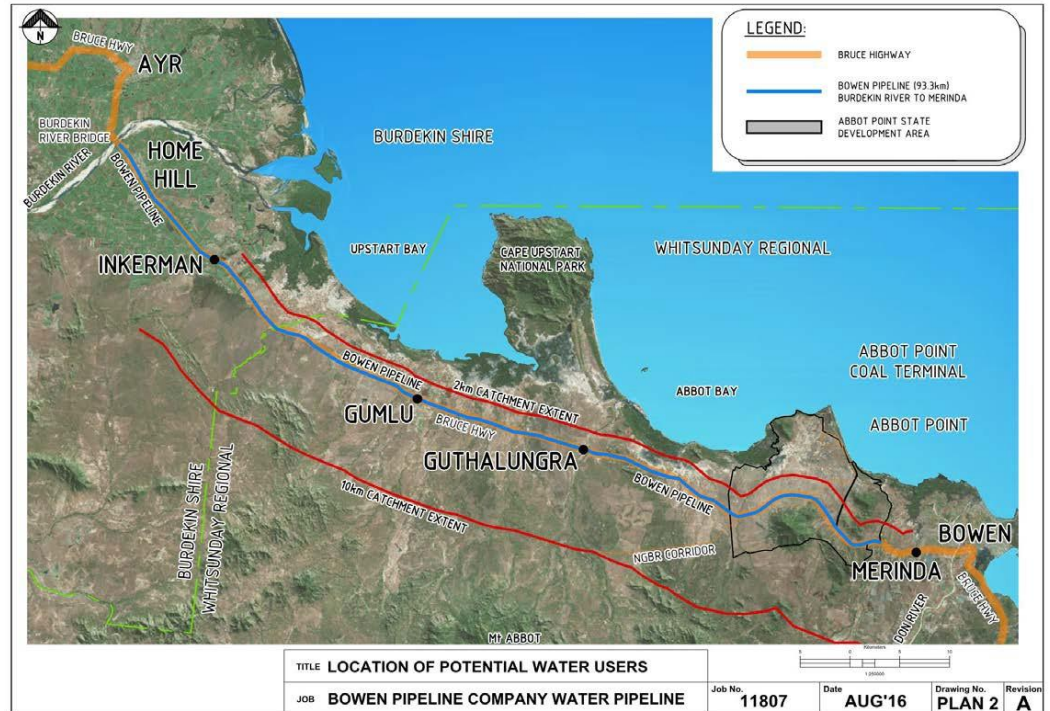
Prepared and presented by: Kathryn Brown (Bowen Pipeline Project Manager) – KCLB Consulting Pty Ltd

What is the Project?

Building regional resilience through provision of secure and reliable water

Construct and operationalise an underground water pipeline that will:

- Distribute up to 100,000ML water per annum
- Be 105km-120km long servicing the horticulture, aquaculture, agriculture and industrial regions along a 12km wide corridor
- Start at Burdekin River through to Inkerman, Gumlu, Guthalungra, APSDA and on to Bowen (exact route TBC)
- Be built using modern technology within private property, and brownfield Bruce Highway and local council unbuilt road reserves



Why this Region?

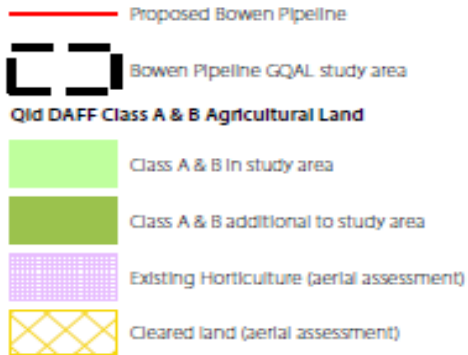
- Optimal growing conditions - 300 days sunshine year, moderate seasonal rainfall, warm temperatures and high humidity
- Bowen-Gumlu region is Australia's largest winter vegetable growing area
- Ongoing consultation with local producers since 2017 has demonstrated strong local appetite for growth if water is the right price
- Opportunity for manufacturing, early stage processing and value-add industries
- Strategic infrastructure already in place
 - Townsville NQ Industrial Hub – airport, seaport, logistics, cold storage, machinery
 - Existing rail and highways, APSDA seaport
- Abbot Point State Development Area (APSDA) – currently no water supply – water will enable progression of this precinct
- Burdekin Falls Dam is the largest water storage asset in Queensland and has water reserves which could meet project requirements - raising of dam wall in 2025 will increase storage capacity by 590,000 ML



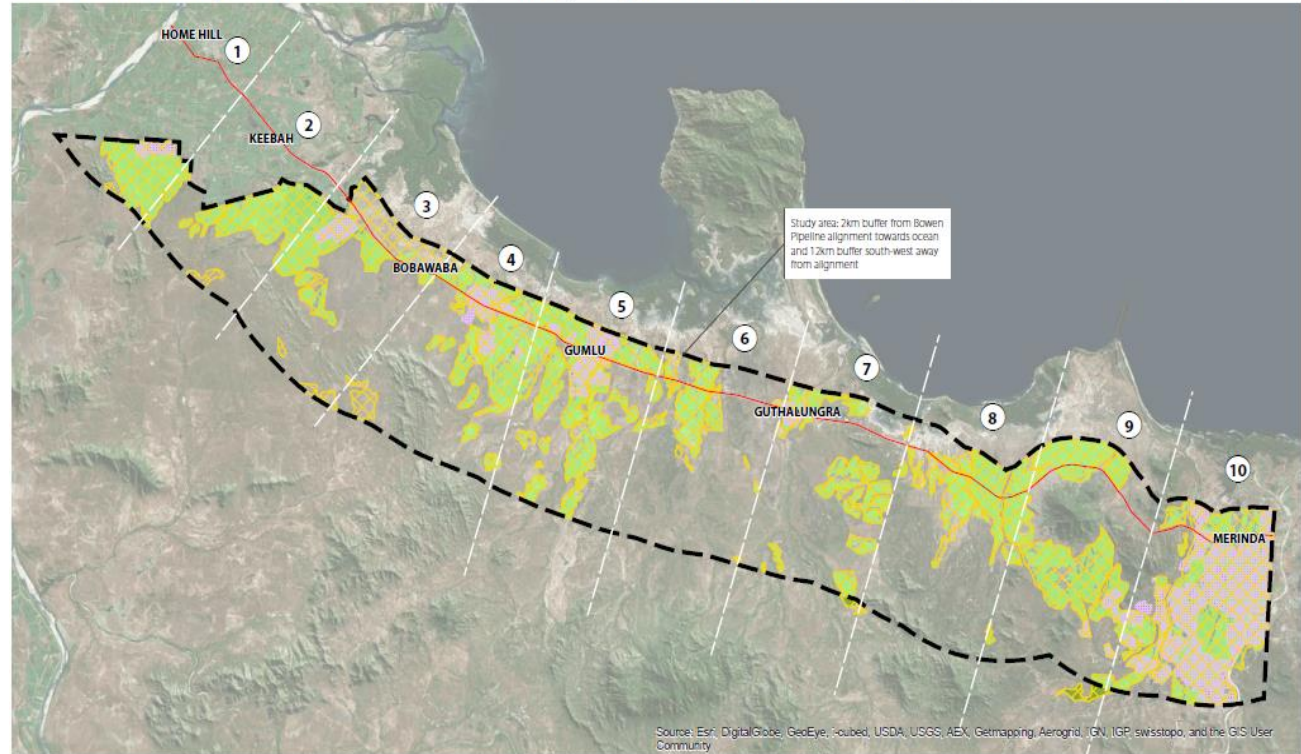
Why this Region?

- 36,000ha cleared Class A&B agricultural land available for transition
- 10,000ha currently used for horticulture.

Legend



2. Bowen Pipeline - Good Quality Agricultural Land (GQAL) Assessment

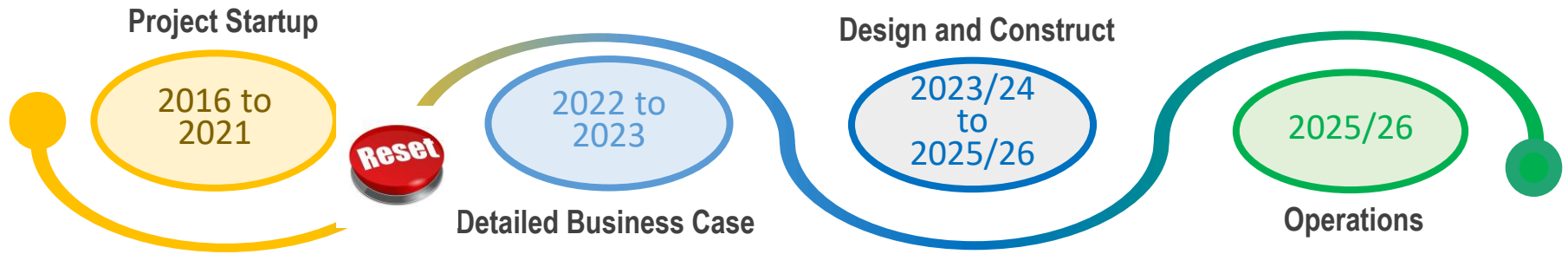


Best practice management

- Due to dependency on water being harvested from rain and from groundwater systems many growers already have best practice irrigation and land management practices in place.
- The Bowen Pipeline Project will continue to support and encourage these practices:
 - Growers will utilise modern trickle and drip technology to eliminate water runoff
 - Real time monitoring and evaluation of soil, water and foliar (plant leaves) will underpin the sustainability of production to prevent any potential impacts on the environment
 - Maintaining good riparian vegetation corridors and managing gully and grazing land erosion - filters sediment and nutrients (nitrogen and phosphorus) from runoff entering waterways, wetlands and marine ecosystems
 - Reliable water enables longer planning cycles - setting goals for outputs over 5-10 years rather than annually
- This is a 21st century irrigation project that will meet all environmental standards and approvals, additionally the detailed business case will investigate sustainable design and operation of the pipeline.



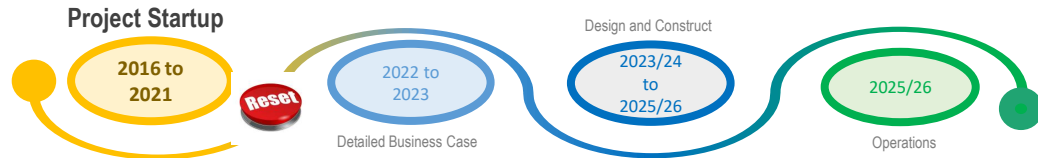
Project timeline overview



Project start-up 2016-2021

- Conceptualised by Proponent in 2016
- Project is investor funded - 39 unit trust holders with majority local to the region (aim to increase local investors)
- Proponent established preferred route and commenced discussions to secure water allocations (MOU TCC)
- **Draft concept designs developed** based on preferred route and anticipated water demand
- **Preliminary Economic Analysis – KPMG completed 2017**
- Environmental studies completed using proposed route and draft concept design
- BPC lodged Environmental Protection and Biodiversity Conservation (EPBC) application and draft Initial Advice Statement (IAS) with Coordinator General

Further information regarding the investment framework (business case development) available: <https://www.nationalwatergrid.gov.au/framework>



KPMG Preliminary Economic Analysis

- In 2017 KPMG completed a preliminary economic analysis which included consultation with 5 large horticulturists and 100% of the aquaculture industry
- Study focused on high value horticulture and aquaculture industries
- Following benefit streams were identified:



Economic

Increased horticultural production output by \$293 M per year

Increased land area under production, increased yields and increased crops produced per year directly impacts the value of production

Diversification of crops improves resilience of the local horticultural industry to local and global market shocks (demand and supply)

Aquaculture producers will have access to a cheaper water alternative than that currently available.



Social

Increased employment of up to 3,000 employees

Increased production will increase employment directly and indirectly

Water security will increase income certainty for regional growers by limiting the impact of extended drought periods and supporting crop diversification

APSDA access to secure water resolves a core concern of the Queensland Government and project proponents

Progression of the APSDA provides employment opportunities in the industrial and ancillary services sectors in close proximity to Bowen



Environmental

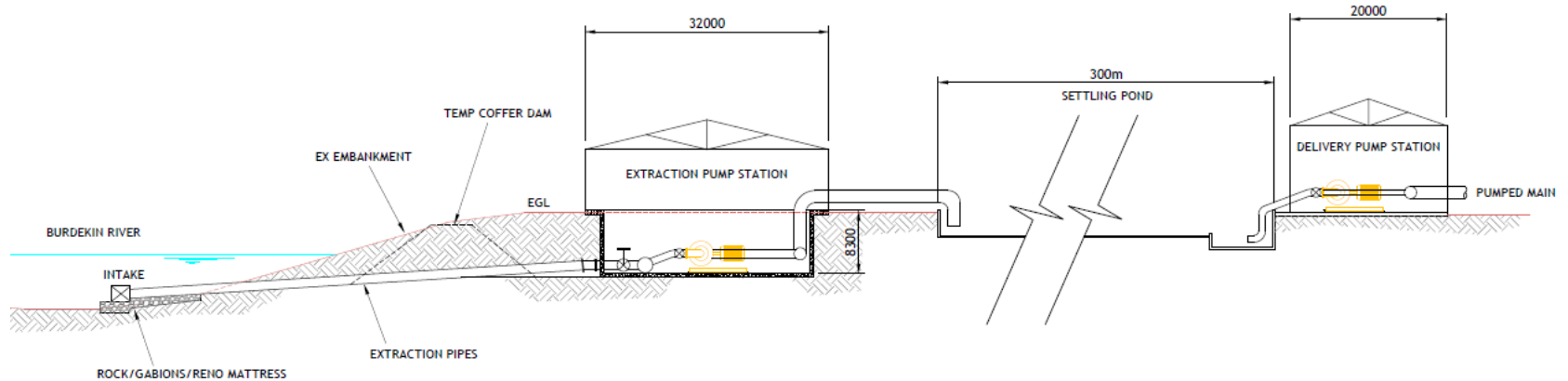
Reduced reliance on bore water will limit the encroachment of salinity into the regions water table.

Pipeline will be constructed within existing brownfield land corridor

Diversification of cropping will vary the environmental impact associated with different crops and methods of production. New crop impacts will need to be considered on an individual basis.

Draft concept design

Intake Structure



Concept Intake Structure

Source: RMA Engineers

*The draft concept design will be revisited during Phase 1 of the Detailed Business Case.

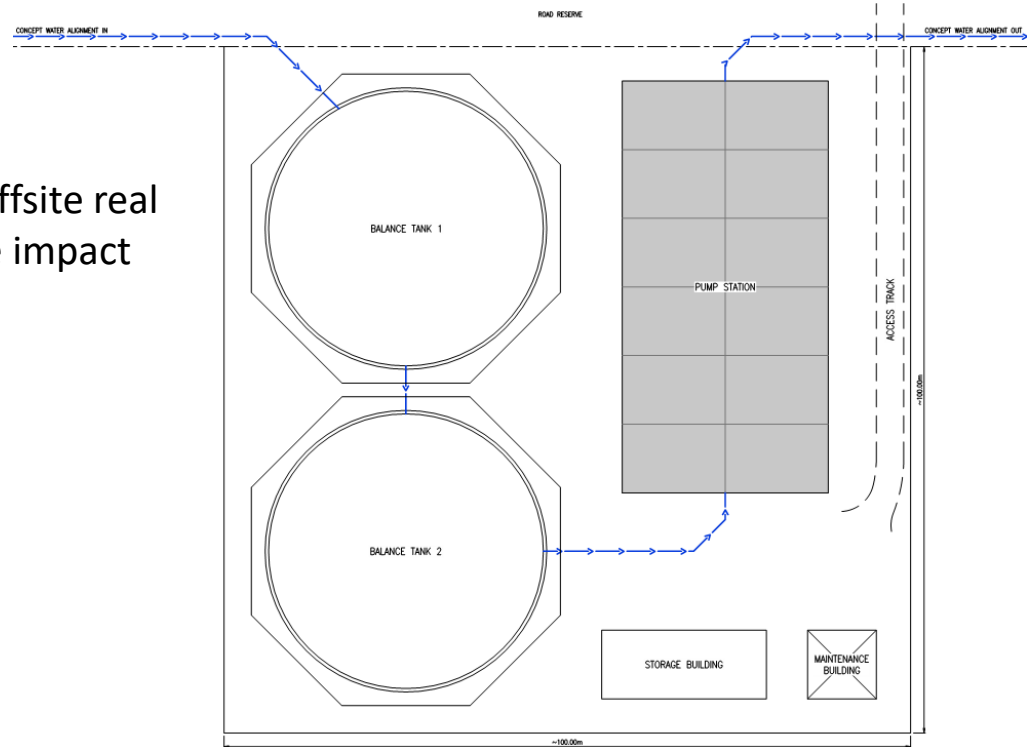
Draft concept design

Pump Stations

- 5 linked pump stations along pipeline
- Designed for automatic operation and offsite real time monitoring (SCADA) with low noise impact
- Infrastructure located on private land (conditionally secured)



Simulation View of Pump Station



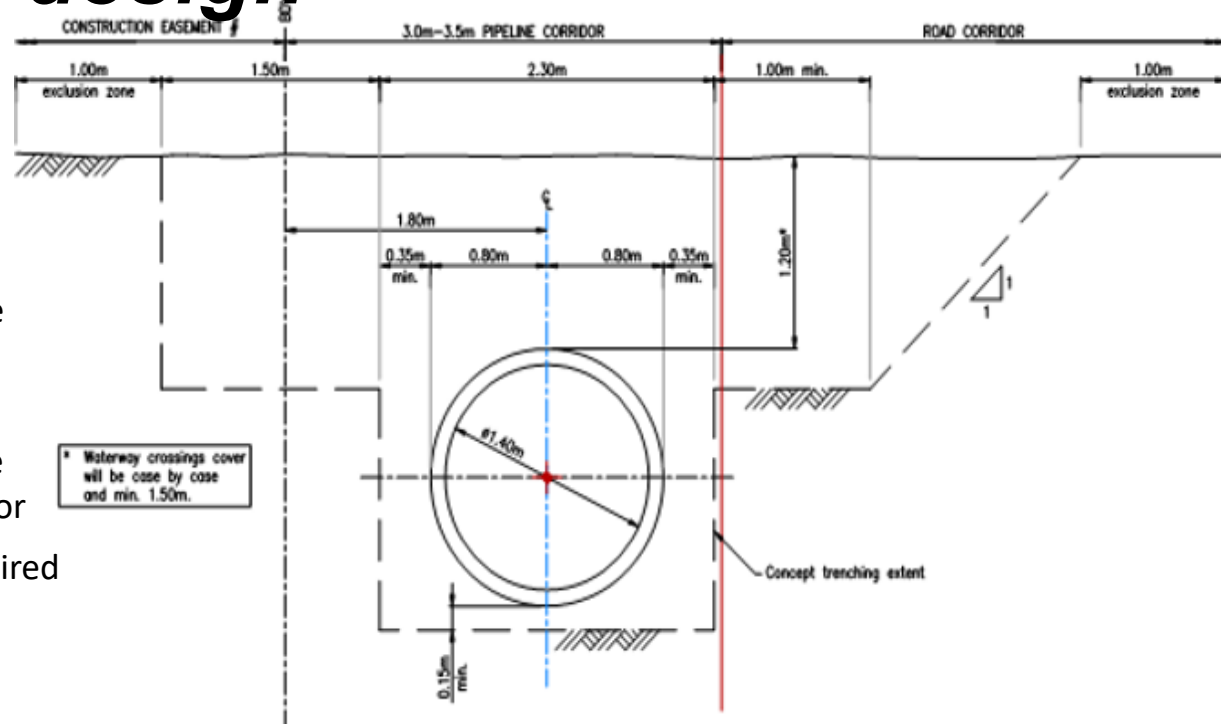
Concept Pump Station and Balance Tank Schematic

Source: RMA Engineers

Draft concept design

Pipe

- HDPE pipe extruded in long lengths onsite
- Approx. 105-120km in length (TBC)
- Built in private land, local and state unbuilt road reserves buried underground (majority)
- Will reduce in size as water volume disperses along the pipeline corridor
- Underbore construction likely required for 16 of 138 flow paths.



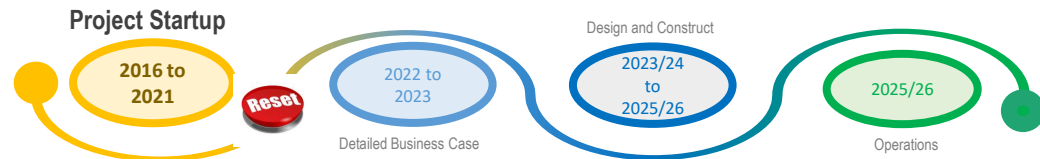
Diagrammatic Representation of Pipe Trenching Detail (1400dia)

Source: RMA Engineers

2021 reset and Government funding

- **2021: Year of Project Reset** - Larger (volunteer) team with broader and specialist expertise, fresh eyes, focused and detailed planning, stakeholder re-engagement (primarily 3 tiers of Govt)
- **Early 2021:** Applied for \$5M grant from the National Water Grid Authority to undertake detailed business case
- **August 2021:** Australian Government committed \$5M funding towards the Project to undertake detailed business case
- **February 2022:** Grant Deed executed with the State Department of Regional Development, Manufacturing and Water (RDMW), who administer the grant on behalf of the National Water Grid Authority via a Bilateral Agreement (deliverables, milestones and staged grant payments agreed at all levels)
- **April 2022:** 2022-23 Federal Budget the Australian Government conditionally committed \$80M grant towards pipeline construction

Further information regarding the investment framework (business case development) available: <https://www.nationalwatergrid.gov.au/framework>



\$80M conditional NWGA construction grant

2022-23 Federal Budget
the Australian Government
committed \$80M grant
conditional on:

- Completion of the detailed business case
- Confirmation of total delivery costs
- Confirmation of co-funding and
- Demonstration of value for money and public benefit



Detailed business case 2022-2023

Phase 1

Dec 21–
Jul 22

- Project plan
- Management plans
- Governance framework
- Engagement of Lead Consultant and Engineer
- Engineering Concept design
- **Feasibility Revalidation report**

Phase 2

*Aug 22–
Mar 23

- Detailed Business Case
- Engineering Preliminary Design
- Lodgement of IAS and IAR with Coordinator General (assumption IAR)

Phase 3

*Apr 23–
Aug 23

- Preconstruction readiness activities
- Proposed Project Delivery Report
- Stage 3 Completion Report

*Timelines are subject to review with replanning for next phase occurring at end of each phase



DBC – Phase 1 (Dec 21 – Jul 22)



DBC – Phase 2 (Aug 22 – Apr 23)

*Fully compliant *Detailed Business Case*

A1 Proposal background	C1 Market considerations
A2 Governance and assurance	C2 Delivery model analysis
A3 Service need	C3 Public sector comparator
A4 Strategic considerations	C4 Implementation plan
B1 Risk	Conclusions and recommendations
B2 Base case	Appendixes:
B4 Legal and regulatory considerations	• Benefits register
B5 Public interest considerations	• Risk register
B6 Sustainability assessment	• Stakeholder engagement plan
B7 Social impact evaluation	• Round 1 & 2 demand assessment reports
B8 Environmental assessment	• Detailed environmental assessments
B9 Economic analysis	• Water Strategy Report
B10 Financial analysis	• Geotechnical report
B11 Affordability analysis	• Preliminary engineering design and costings (Class 2)
B12 Appraisal summary table	
Executive summary	

Parallel project activities:

- Securing alignment (private, Local and State Government)
- Progressing IAS/IAR and EPBC
- Encouraging and supporting new entry value-add industry/manufacturing to the region

*Further information available: <https://www.statedevelopment.qld.gov.au/industry/infrastructure/business-case-development-framework>

DBC – Phase 3 (Apr 23 – Aug 23)

Pre-construction readiness activities

- Round 3 demand assessment report
- Binding water sales
- Binding water allocations
- Final preliminary engineering design
- Drafting of tender documents
- Provider market sounding for detailed design and construction
- Proposed Project Delivery Implementation Report
- DBC Project Completion report

Parallel Project Activities

- Financial prospectus
- Secure private equity and/or NAIF funding
- Encouraging and supporting new entry value-add industry/manufacturing to the region
- *Finalise Environmental applications and approvals
- *Prepare and lodge Stage 4 grant application for Construction Funding through the NWGA

*Completion of these activities is dependent on external factors such as Government decision making.

Source: Townsville
Bulletin 6/05/2022

\$80m in the pipeline for Bowen agriculture

SATRIA DYER-DARMAWAN

THE Coalition government has committed \$80m to the construction of the Bowen Pipeline, which is set to deliver water security in northern Queensland and protect and create jobs in the agricultural sector.

Supported by five pump stations, this vital piece of infrastructure will see around 100km of underground pipeline built from the Burdekin River to Bowen.

According to the Bowen Pipeline Group, the project will allow the creation of a reliable, secure water supply to Australia's largest winter veg-

etable growing area. It is believed the project will create up to 3000 full-time jobs as well as 145 jobs during construction.

Deputy Prime Minister and Minister for Infrastructure, Transport and Regional Development Barnaby Joyce said water supply and security plays a fundamental role in the future prosperity of our primary industries.

"This pipeline will be capable of transferring 100 gigalitres of water every year to agricultural, industry and community water users in the Bowen region," the Deputy Prime Minister said.

"The Coalition govern-

ment understands the vital importance of regional Australia to our whole economy and will back in the projects that will make Australia as strong as possible as quickly as possible."

Burdekin MP Dale Last was in full support of the announcement and said that the project had the potential to transform horticulture in the Bowen and Gumlu areas.

"If nothing else, we have learnt from the Covid pandemic that Australia needs to be more self-sufficient when it comes to essential supplies like food.

The Bowen and Burdekin regions have the potential to

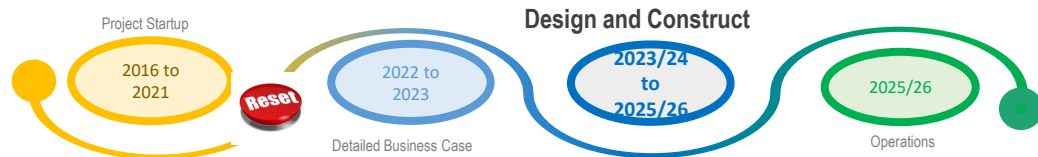
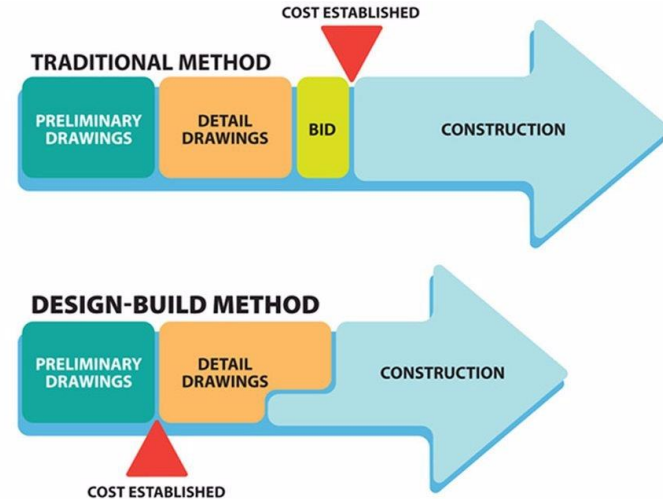


The pipeline will connect the Burdekin River, pictured, to Bowen. Picture: Matt Taylor

feed millions of Australians but have been held back due to water infrastructure," Mr Last said.

Design and Construct (TBC)

- Timeframe TBC
- Tender process
- DBC process will:
 - Conduct provider market sounding for detailed design and construction
 - Evaluate and document preferred delivery method including proposed timeframes
 - Finalise Preliminary Detailed Design (ACE Class 2)
- Dependencies:
 - Completion of tender documentation
 - Securing budget (private equity / NAIF / NWGF Construction Grant)
 - Environmental and planning approvals



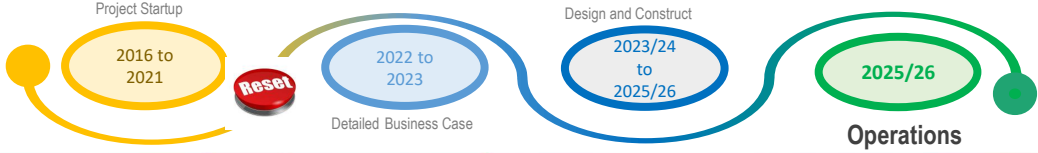
Operations (TBC)

Operational Readiness

For example: Establish operational plans, budgets, schedules, management processes, systems and information management, asset and life cycle management, maintenance strategies.

Operations

For example: Administer, operate, manage and maintain the infrastructure, community, safety, environmental obligations and customer services.



Further information:

Round one water demand assessment

- will occur late June - encourage anyone interested in water to express demand
- date will be announced via public notice media, Bowen Gumlu Growers Association, known entities of interest and the Bowen Pipeline Website

Detailed Design and Construction activities

- Market sounding planned early 2023
- Tender processes planned late 2023/early 2024

Enquiries regarding the Project or for registration to our quarterly newsletters please email comms@bowenpipeline.com.au

Website <http://bowenpipeline.com.au/en/>

Keep in the loop...

» Follow us on Eventbrite for our events and workshops...



SAVE THE DATE...

» **Townsville Industry Breakfast 2022 series...**

Wednesday, 10th August *(Speakers subject to change)*

AEWC – Latan Data Centre and Renewable Energy Project

Construction Skills Queensland – Sector update

UGL – K2 Solar

Thank you

James Doyle

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State Development Infrastructure, Local Government & Planning

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