



Growing North Queensland

Queensland Major Contractors Association

27 May 2021



BRU Company Snapshot



BRU is the proponent for three major interlinked water, energy and food projects in NQ

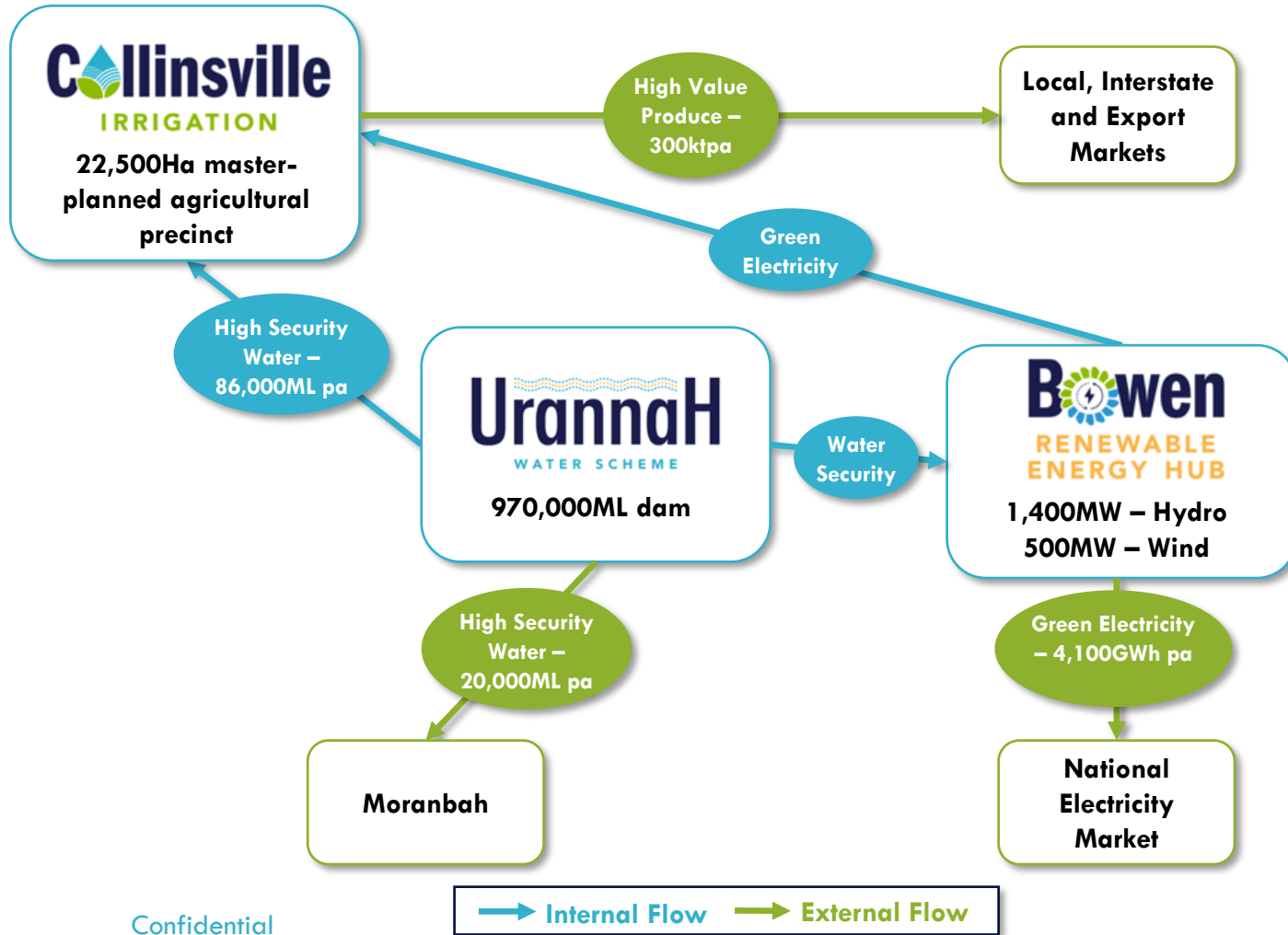
- Privately held **Australian company**
- Developing three discrete but **interlinked projects** centred around the Urannah Dam in the Bowen region
- Holder of **long term real estate positions** to develop infrastructure assets in NQ capturing value through the sale of water, energy and food production systems
- Experienced team with **strong track record** in establishing infrastructure projects across Queensland
- Completed concept, preliminary and **detailed engineering and financial assessments** for each of the three projects
- **Closely partnering** with Federal, State and Local Government, local economic development agencies, First Nations people and communities



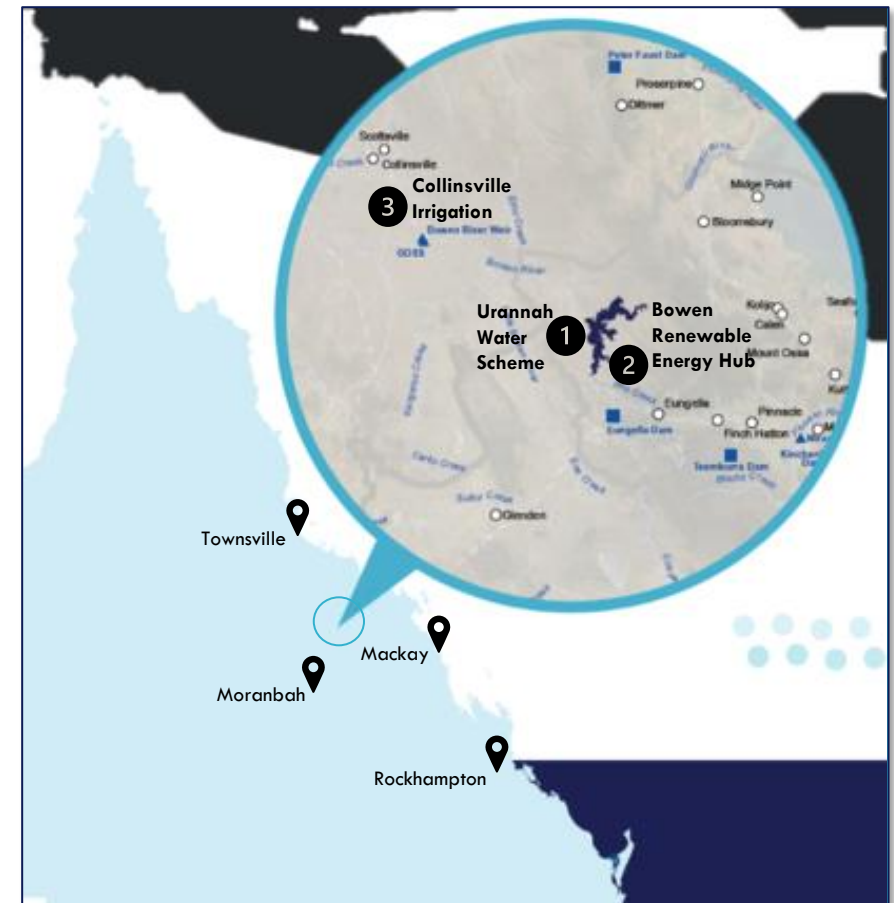
Our Three Integrated Projects



Our projects have a strong interlinked economic drivers and provide a great benefit to NQ



Project Locations



Urannah Water Scheme

We are building a 970,000 ML dam to provide water security for the Bowen region

- 970,000 megalitre (ML) dam covering 5,926 hectares – almost **double the size of Sydney Harbour**
- 103,000 ML of High Priority water available per annum at **>95% reliability** – no other dam project can match this
- Proposed catchment area receives significantly **more rainfall, more frequently** than nearby Eungella Dam – the reliability of this catchment provides very high confidence of water security
- Strategically located to maximise **reliability and yield for changing seasons** and climate changes
- 20,000 ML per annum capacity **pipeline to Moranbah** – 7 key customers with EOs
- 75 metre wall with Dam Crest at 285m AHD
- **0.95 Benefit Cost Ratio** based on conservative government guidelines for the dam and infrastructure
- **State Significant Project** Declaration by the State of Queensland



Bowen Renewable Energy Hub

We will have capacity to supply 11,375MWh of renewable energy per day

- **1.4GW renewable energy capacity** from Pumped Hydro
 - ❑ Stage 1 – 3 x 300MW pumped hydro units producing 7,000MWh per day
 - ❑ Stage 2 – 2 x 250MW pumped hydro units producing 4,375MWh per day
- **Wind** – 84 x 6MW wind units
- **Solar** – up to 1.5GW of solar panels
- **Hydrogen** – 200MW PEM
- Largest renewable baseload energy project in Northern Australia, delivering **dispatchable power** to large electricity users across Queensland
- Significant contributor to meeting **Queensland's 50% Renewable Energy Target** by 2030
- Supplied directly into the National Energy Market – **superior location** only 16km from NEM transmission line connection



Collinsville Irrigation Scheme

We are developing 22,500 hectares of prime horticultural and agricultural land

- Master-planned agricultural precinct providing land, utilities and infrastructure, including **high priority water licencing** for 86,000ML per annum at >95% reliability
- >9,000 hectares to be initially developed for high value cropping:
 - ❑ 80% suitable for growing high value **permanent fruit and nut crops**
 - ❑ 20% suitable for growing **annual cereal and legume crops**
- Provides the Collinsville region the opportunity to become one of the **key food bowls of Australia**, creating jobs and delivering on the Federal Government's 2030 vision for food security
- Provides excellent **geographic diversity** for fresh produce suppliers looking to extend their seasons
- Farming practices to align with the Commonwealth and Queensland Governments' Reef 2050 Plan for the protection and **management of the Great Barrier Reef**
- 4 key properties to be acquired / farm shared



Community and Regional Benefit



Our projects will boost the NQ economy and have strong support from the community

Benefits for North Queensland



Almost 1200 new jobs during construction



Increased water security with a storage capacity of over 970,000 ML



Affordable electricity
1400 mW hydro-power plant with 8 hours of storage



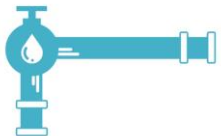
Largest renewable baseload energy project in Northern Australia



More than 52% of the capacity of Burdekin Falls while covering less than 20% of the land



Capacity to provide water to Collinsville, Bowen, Whitsunday and Moranbah



At least 30 active projects and 71 new projects will become viable



Over 650 new jobs when fully operational



Will supply water for over 20,000 hectares of future agricultural land

The Courier Mail

OPINION: Urannah Dam to provide a future for the north

Bowen Collinsville Enterprise is made up of local business owners and community leaders who are committed to creating opportunities and ...
5 days ago



Whitsunday Times

Next step in game-changing \$2.9b Urannah Dam project

The final terms of reference for the proposed \$2.9 billion Urannah Dam project have been released, edging the transformative project a step ...
2 weeks ago



Morning Bulletin

Bowen Basin water supply a 'nationally significant' priority

Broken River, at the site of the proposed Urannah Dam wall. Rural. Bowen Basin water supply a 'nationally significant' priority.
1 month ago



Queensland Country Life

Budget 2020: \$2 billion water injection welcomed

... many towns within regional Queensland back on their feet faster." MORE READING: 'North Qld's Urannah Dam takes another step forward'.
6 Oct 2020



The Next 18 Months



We are working towards commencing construction on the Urannah Dam in 2022

Major Activities	Quarter Ending						
	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22
Secure \$420M grant under National Water Infrastructure Fund	[Bar]						
Formal discussions with potential partners		[Bar]					
Execute Heads of Agreement with desirable investment partners			[Bar]				
Complete and lodge UWS Environmental Impact Statement			[Bar]				
Complete execution and construction plan				[Bar]			
Agree long-term contracts and co-investment terms				[Bar]			
Complete bankable infrastructure design and operational plans					[Bar]		
ECBC approval and bankable construction finance in place						[Bar]	
Commence construction of Urannah Dam and associated assets							[Arrow]

Express Your Interest

www.bowenriverutilities.com



Are you interested in working on our project?

I'm Interested In *

- Working for Bowen River Utilities
- Working with Bowen River Utilities

Name *

First

Last

Company Name

Company Website



Info@bowenutilities.com



www.bowenutilities.com



1800 Bowen U



Suite 4, 17 Gregory Street, Bowen, QLD