

Bowen Pipeline Project

Community Led, Generational Enrichment

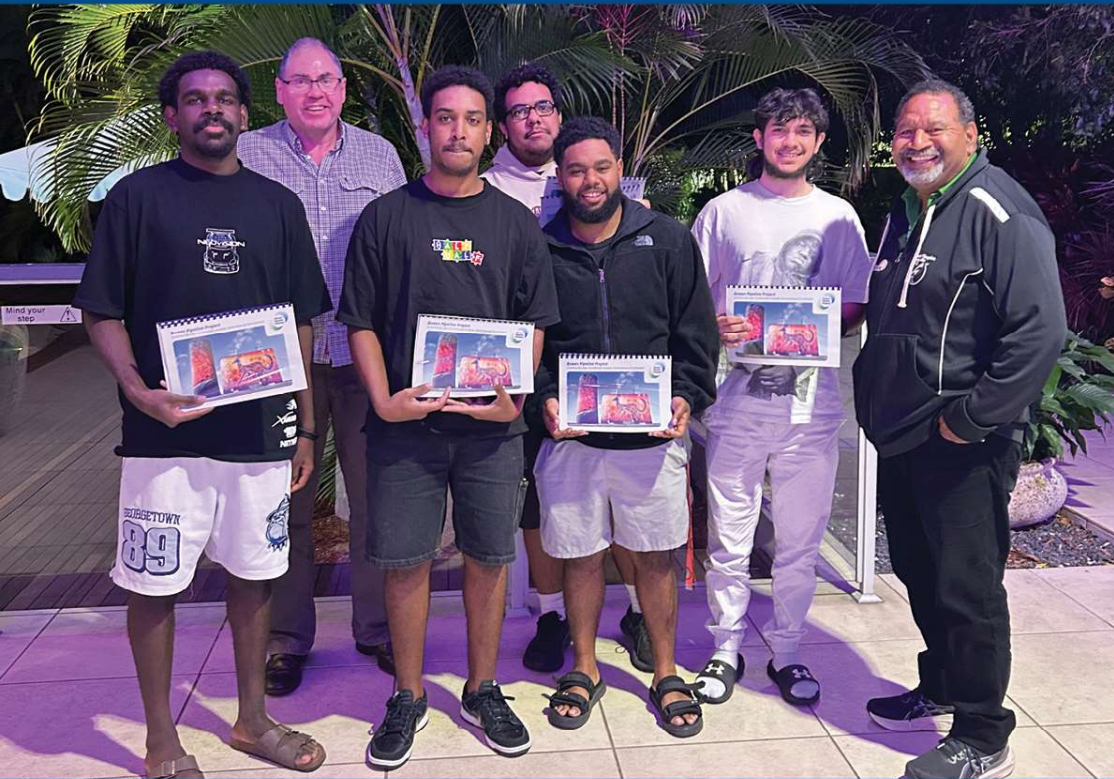
Greater Whitsunday Regional Projects Forum Sep 2025, Mackay



The Region



Supplying high demand long-term customers from horticulture, agriculture and industrial manufacturing.



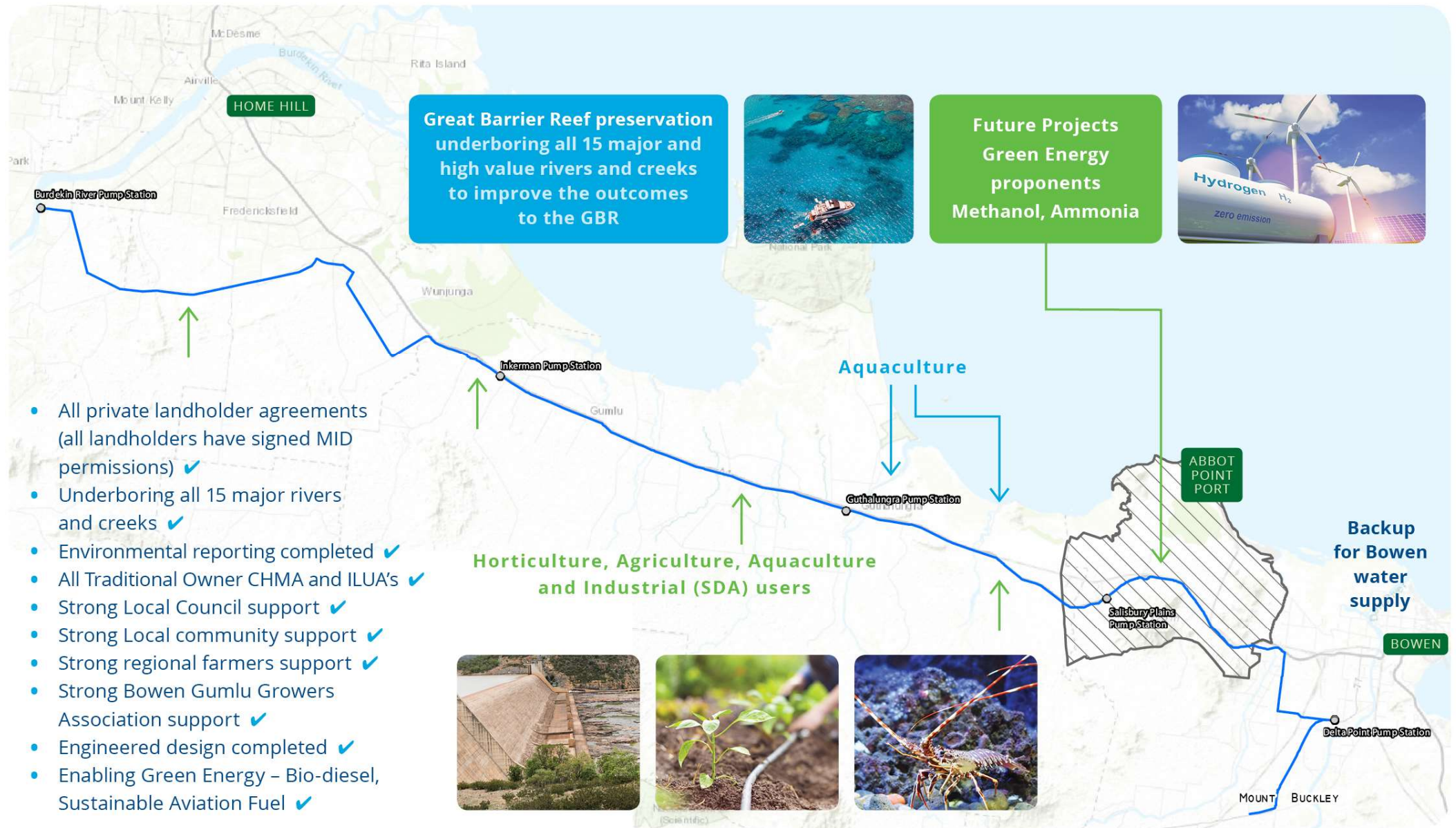
- The region produces 1/5th of Australia's vegetables (250 million kilograms) and is Australia's largest winter vegetable growing area supplying fresh vegetables and fruit to Brisbane, Sydney, Melbourne, Adelaide, Canberra and internationally;
- Sunwater Water Supply – Vast water allocations available in the Burdekin Falls Dam that have been unused since the construction of the dam 40 years ago;
- Abbot Point State Development Area;
- Existing Industrial;
- 48,000 hectares of cleared Class A & B Good Quality Agricultural Land within 12 km of pipeline used for cattle grazing.

Project Overview

- Creating a secure, reliable water supply;
- 120 km main line HDPE pipeline (underground);
- 60 km branch lines;
- Supplying 100,000 ML a year to 50+ users;
- \$700 million construction cost;
- 200 jobs during construction;
- 1,200 full time jobs when operational;
- Traditional Owners have project equity. An Australian first;
- Increase income by \$300 million a year (vegetables, fruit, agriculture);
- Potentially \$1 Billion a year in income for the Green Energy Projects (Ammonia, Fertiliser, Methanol, Sustainable Aviation Fuel and Bio-diesel);
- Supplying to the Abbot Point SDA;
- Queensland's first Net Zero pipeline;
- Use of world leading Australian HDPE pipe technology saving 5 million kilometres in B double truck movements;
- Use of Australian manufactured solar panels (Tindo Solar);
- Use of green hydrogen during the construction of the project (supply from ARK ENERGY, Townsville);
- Use of Australian fibre optic leak technology (Terra15).



Pipeline Route – Main Trunk Line



Pipeline Construction Technology, Saving Time, Reducing Carbon

The project intends to use existing modern technologies to develop class leading infrastructure.



- Australian world leading HDPE technology, 100 metre lengths;
- Local suppliers using existing technology;
- Saving 5 million km in B double truck movements;
- Saving 9,000 welds (36,000 hours of welding) – 90% reduction;
- Use available modern technology for pipe welding.



Environmental and Community Benefits

- Townsville employment – 2,500 containers of HDPE resin + 5,000 to 10,000 containers a year of exports (NQ Wellcamp);
- Increased employment – Locals First employment policy;
- Additional employment will generate upwards of \$100 million a year in local wages;
- Turn part time jobs into full time jobs to allow workers to borrow to buy houses etc;
- Deliver greater job security and youth employment opportunities (the kids stay in the regions);
- Supply water to Bowen township, Gumlu and Guthalungra;
- Allow year round supply of non drinking water to area previously reliant on underground water;
- Fully utilise existing cleared horticultural and grazing land, extending the cropping season and enabling crop diversification;
- Take advantage of the growing international demand for horticultural products (8.4% growth per year) and the Free Trade Agreements with Japan, South Korea, Singapore and Taiwan.

This exciting project is all about “supercharging” the region.



Environmental and Community Benefits



- Underboring of all 15 major and high value rivers and creeks to preserve the riparian zones and cultural artefacts;
- Prohibition on unrestricted flood irrigation;
- Reduces the use of fertiliser as it allows for new crops to be introduced such as legumes which take nitrogen from the air and replenish the soil;
- Increases productivity of existing cleared land and requires no new land clearing, protecting existing habitat for local flora and fauna;
- Prevents run-off into the Great Barrier Reef as the project will utilise modern irrigation such drip-feed technology direct to crops;
- Reduced reliance on bore water will limit the encroachment of salinity into the region's water table;
- Allows the diversification of crops which reduces monocultures and their associated environmental impacts;
- Introduces innovative new technologies such as solar-powered and vertical wind turbines for pumps, drone utilisation and mobile phone applications;
- Utilises existing brownfield road reserve and common user infrastructure;
- Provides ability for revegetation of riparian zones for rivers and creeks.



Water Availability *(numbers are rounded)*

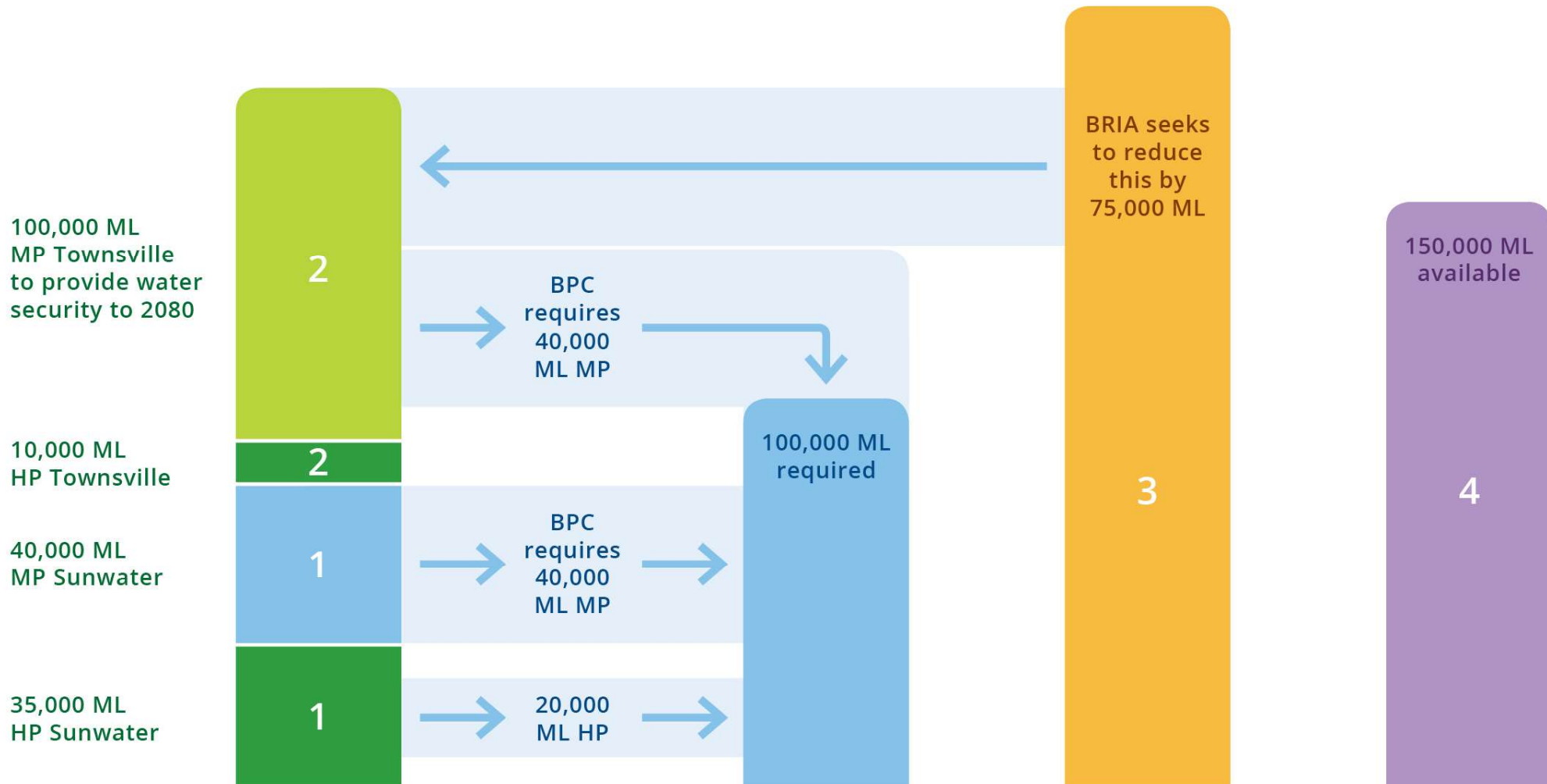


**Sunwater Burdekin Falls
Dam water available**
185,000 ML
(MP and HP) allocations

**Bowen Pipeline
Company
Proposal**

**Sunwater
200,000 ML MP
and HP water for
Seepage**

**Raising of
the Burdekin
Falls Dam**



What Comes Next

Serving the potential needs of multiple industrial water users.



- 1** MID lodged **18 December 2024**, seeking approval conditions **Q4, 2025**. Gazettal to occur after Final Investment Decision;
 - Federal EPBC – Preliminary Documentation – short form process – application lodged **2021**;
- 2** **Water Supply – Sunwater? 5th August 2025 letter – “Intention to take to market by 30th June 2026”;**
- 3** Water Demand contracts;
 - Class 1 engineering design;
 - Local Authority approvals;
- 4** Federal Construction Grant;
 - Final Investment Decision;
 - Start construction **Q4, 2026** (not trenching);
 - Operational **late 2028**.



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