

Welcome

Townsville Industry Breakfast

Thursday 18th May



Queensland
Government

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





Welcome to Country

Linda Saltner, Wulgurukaba Elder



Queensland
Government

TropiQ

Townsville
Tropical Intelligence
& Health Precinct

INTRODUCTION

DEVELOPMENT
PROGRAM

ADVOCACY
+
ENABLING WORKS

INDICATIVE
TIMELINE

TAKEAWAYS



INTRODUCTION

TropiQ Vision

To protect and empower life through the application of tropical intelligence

- Launched December 2019
- Exploits the unique co-location of major health, education and defence campuses
- Global selling point and distinct advantage
- Seeking to attract new investment and new economy to Townsville



DEVELOPMENT PROGRAM

EDUCATION + RESEARCH

- JCU Technology Innovation Complex \$94m (Under Construction)
- JCU Tropical Aquaculture Accelerator \$79.5m
- JCU Capital Works Program \$73m (Multiple Projects)
- TecNQ \$30m proposed expansion

PRIVATE INVESTMENT

- Aged care/ Retirement living
- Childcare
- Private hospital
- University-linked high school
- Hotel accommodation
- Office accommodation tower
- Multideck carpark ~\$50m
- Commercial development sites

RESIDENTIAL

- Multiple development sites for EOI
- Mixed-density, ~10,000 residents

DEFENCE INDUSTRY

- NQ Spark Advanced Environmental Simulation Facility (Phase 1) \$32m
- Defence Industry Commercial Development (Phase 2) \$TBD

TropiQ

Indicative Site Placements

1. Residential development site EOI
2. School development site EOI
3. Aged care/ Retirement living/ Childcare development site EOI
4. Hotel development site ~\$TBD
5. Multi-deck carpark ~\$50M
6. Commercial development site ~\$TBD
7. Technology Innovation Complex ~\$94M
8. Tropical Aquaculture Accelerator \$79.5M
9. TecNQ proposed expansion \$30M
10. Defence industry commercial development \$TBD
11. NQ Spark Advanced Environmental Simulation Facility \$32M
12. Residential development sites EOI
13. Road upgrade
14. Road upgrade and opening
15. DTMR intersection upgrade
16. DTMR intersection upgrade
17. New access road to defence industry precinct
18. Road upgrade and expansion
19. Proposed new precinct and residential access road
20. Private hospital
21. Office accommodation tower



Residential



Defence Industry



Private Investment



Education + Research

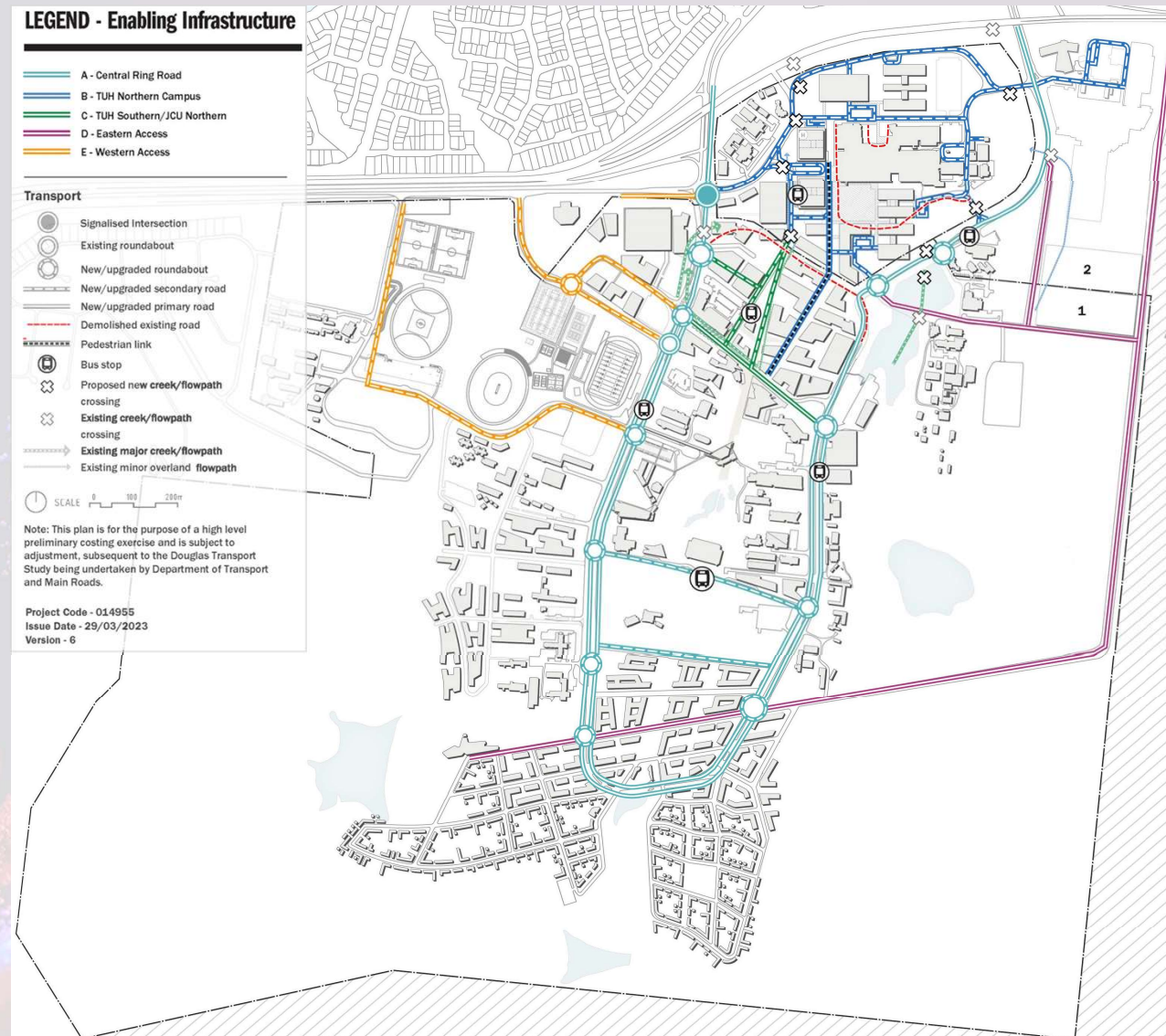
Sites to be determined

20

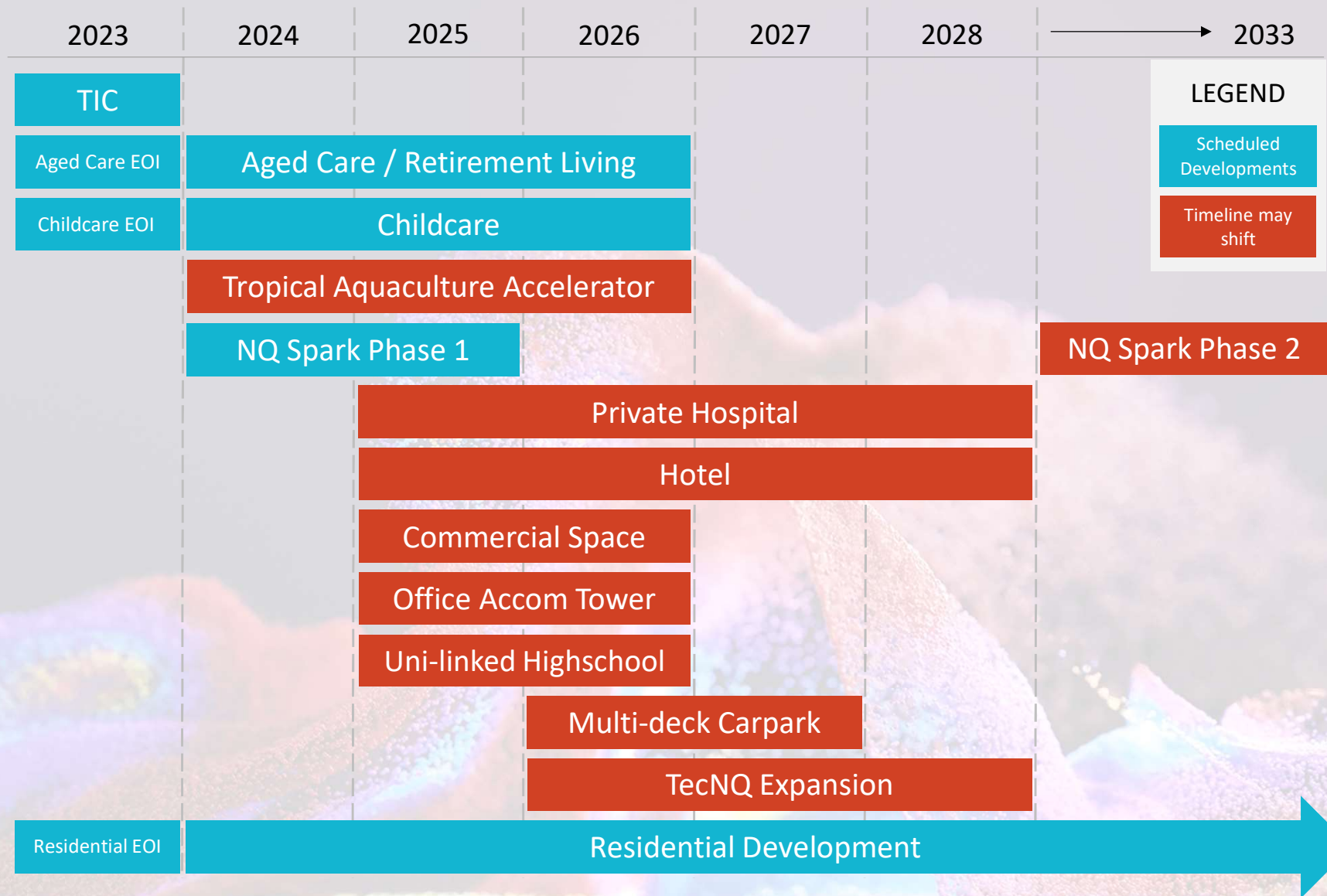
21

ADVOCACY + ENABLING WORKS

- Significant upgrades to trunk infrastructure
- State Government investment required to unlock full economic potential
- Phased approach to infrastructure delivery required



INDICATIVE TIMELINE



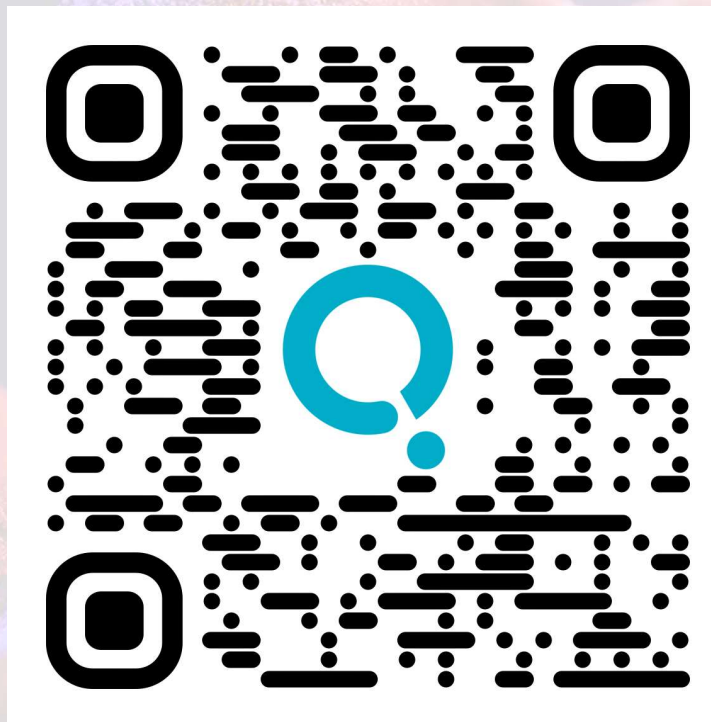


TAKEAWAYS

- Visit the TropiQ website for more project information
- Sign up to our email list for project EOI releases



More
info here





Townsville Industry Breakfast

18 MAY 2023



Acknowledgement of Country

Windlab acknowledges Australia's First Nations Peoples as the Traditional Owners of Country throughout Australia.

We recognise and respect First Nations Peoples' deep and enduring connection to land, sea and community.

We pay our respect to Elders past and present and extend that respect to all Aboriginal and Torres Strait Islander Peoples everywhere.



We are the Renewable Generation



100% Australian

The **home-grown** champion for our nation's clean energy future.



Front footed, fired up, resourceful

World-leading **science** and **skills**, with the financial backing required to **deliver** our ambitious pipeline.



Value, maximised

Flexible, diverse in-house expertise maximises impact across the value chain, multiplying benefits to accelerate the renewable energy transition.

>23.5GW

in development/under construction

~120

employees

9

offices across Australia

The next five years



10GW

new generation **by 2027**

5GW NEM committed, 5GW permitted for green H₂

Goal

Deliver >20%

of Australia's new renewable power generation.

Strategic pillars

Trust

A trusted partner for
landowners and
communities

Growth

Transformative projects
delivered at scale

Innovation

Deep and diverse
technological expertise

Advocacy

Lead the way in the
renewables transition

Investing for growth, leveraging opportunity

>19GW

Early development

2.5GW

Late-stage development

0.94GW

Late stage / operational

Legend
Managed
Under Construction
Permitted
Pipeline
Office locations



Gawara Baya - 'Wind Song'

The project has been officially named **Gawara Baya** by the Gugu Badhun Traditional Owners as part of the project's landmark ILUA.



Gawara Baya Wind Farm

- **\$1.2 billion** project on Gugu Badhun Country, north Queensland.
- 500MW clean energy generation capacity, eliminating 1.2 million tonnes of CO2 from Australia's energy market annually.
- **\$200 million** in value expected for regional supply and procurement opportunities.
- Landmark ILUA championing Indigenous environmental improvement, employment education and enterprise outcomes.
- **\$200,000** annual Community Benefit Program.
- Balanced, efficient, high-performing asset that demonstrates leading-practice, responsible development.



\$1.2b

Capital investment.
\$200m regional contract value.



500MW

300,000 homes powered.
1.2 million tonnes of carbon eliminated annually.

Local supply and contract opportunities

Including:

- Concrete
- Earthworks
- Grouting
- Plant and equipment hire
- Quarry materials
- Steel reinforcement
- Temporary accommodation facility
- Temporary site facilities and services.



For more information and the full scope of works, refer to the **ICN Gateway**.

Attend an ICN drop in session

- **Townsville:**

- Cohabitat, Palmer St
 - Monday 29 May and Tuesday 30 May

- **Ingham:**

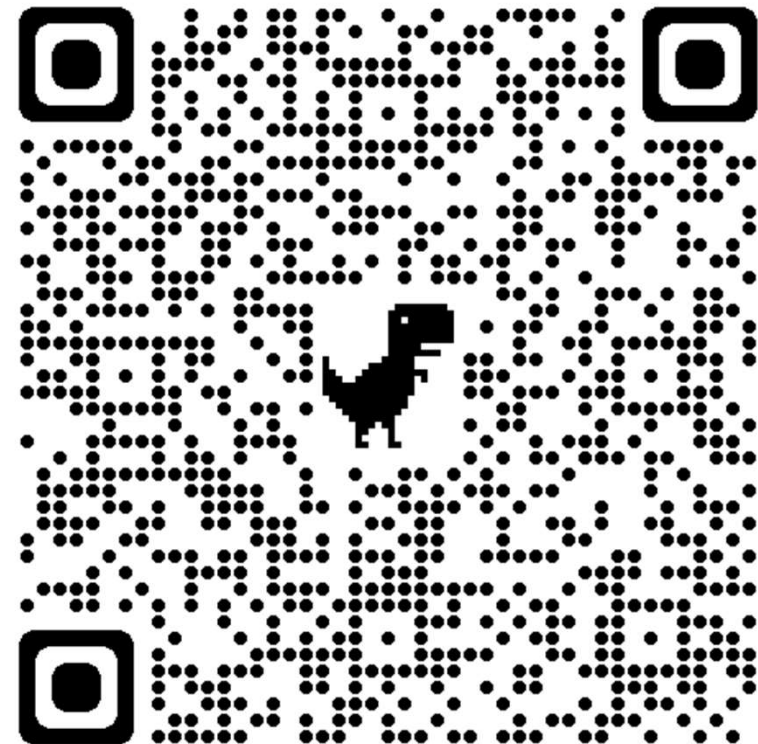
- Tyto Centre
 - Wednesday 31 May

- **Charters Towers:**

- Excelsior Library
 - Thursday 1 June

Become a supplier!

ICN Gateway
Register your EOI



Townsville Airport Master Plan 2023

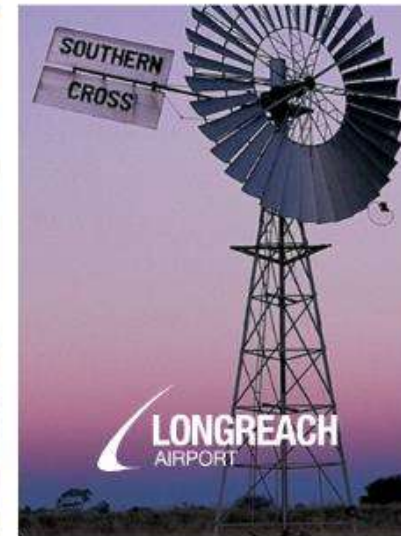
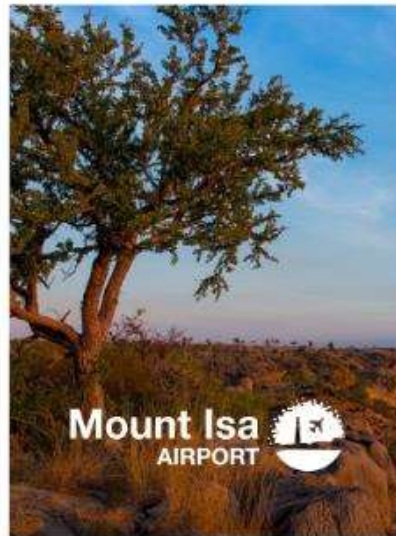
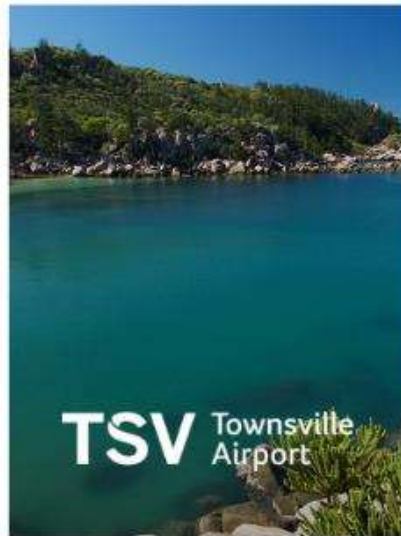


TSV Townsville
Airport



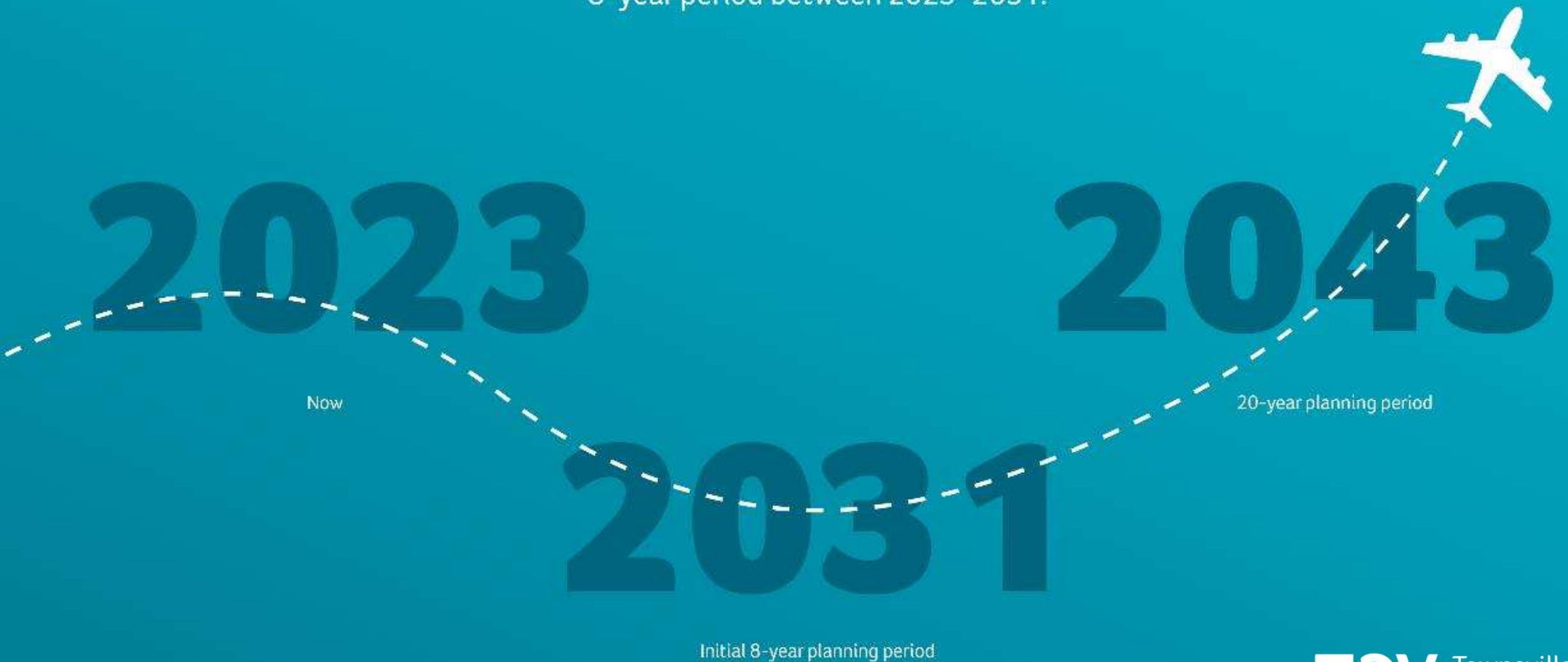
Queensland Airports^{LIMITED}

Airports We Own and Operate



TSV Townsville
Airport

The Townsville Airport Master Plan 2023 guides development of the Airport over a 20-year planning period, with an initial 8-year period between 2023–2031.



The Royal Australian Air Force (RAAF) Base Townsville

The Joint User Area
(runways and taxiways)

Defence Area

TAPL
Lease Area

Joint User
Area

Townsville's civilian airport

TSV Townsville
Airport



Townsville Airport

235,000+

serves a growing
population

11th

busiest airport

1.5m

passengers p.a.

400

flights per week



TSV Townsville
Airport

Economic Contribution



6,000 tonnes
air freight



\$400m contribution
to GRP



2,500 full-time jobs
1,400 direct airport
jobs

Aviation Forecasts

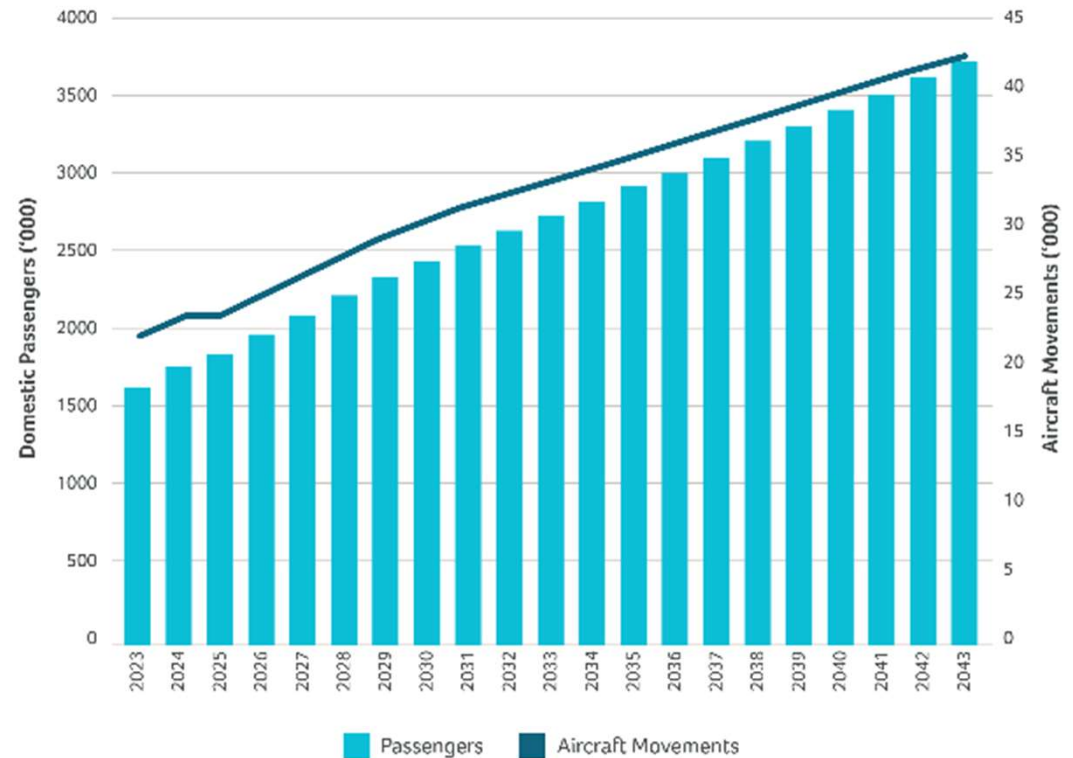
Domestic Passengers

In 2022:

- 1.5 million passengers
- 21,000 aircraft movements

Average annual growth rate of 4.1% per annum, meaning in 2043 :

- 3.7 million passengers and 42,000 aircraft movements

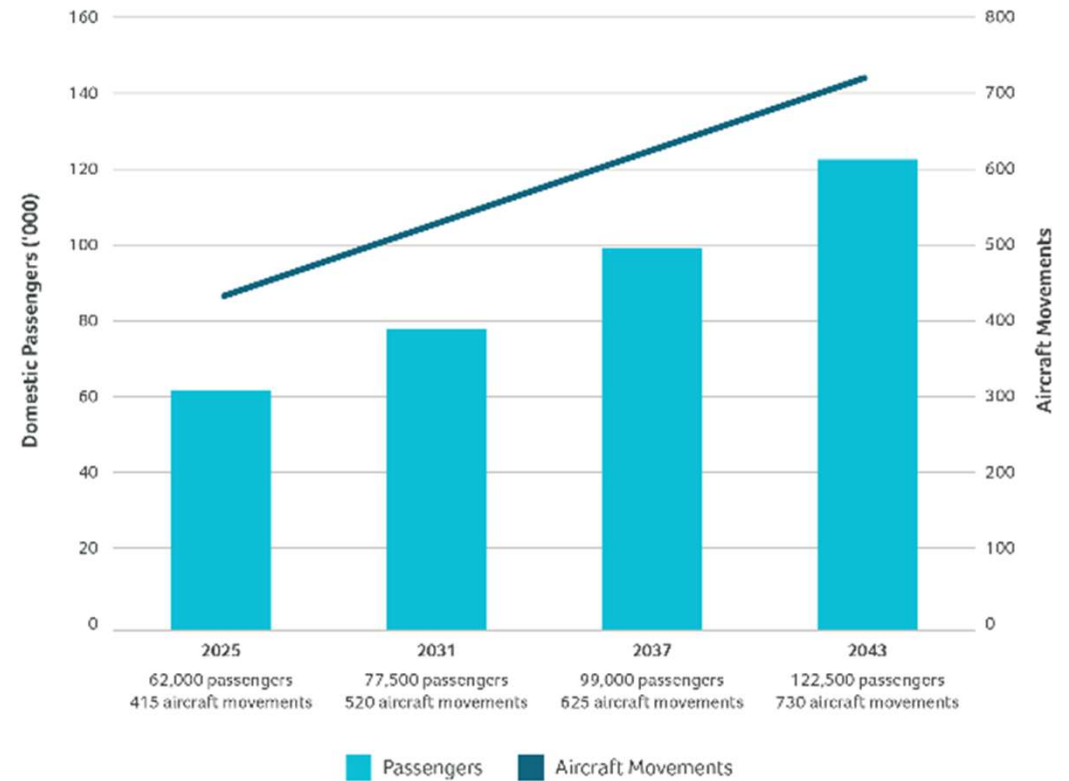


Aviation Forecasts

International Passengers

Planning for return of international services:

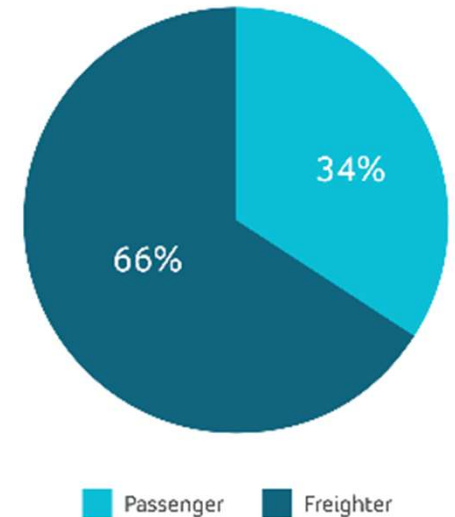
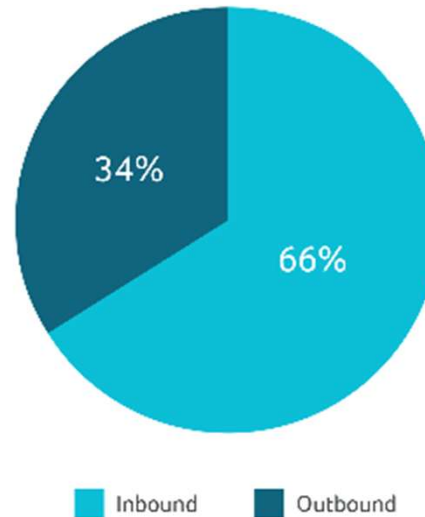
- 62,000 passengers in 2025
- 122,500 passengers in 2043



Freight

In 2022

- Townsville Airport processed over **6,000 tonnes** of freight cargo over the year
- Inbound – 92% originated from Brisbane
- Outbound – 60% Cairns, 27% to Brisbane and other capital cities
- Essential freight flows between regional centres e.g. Mt Isa, Cloncurry and Moranbah





Land use strategy

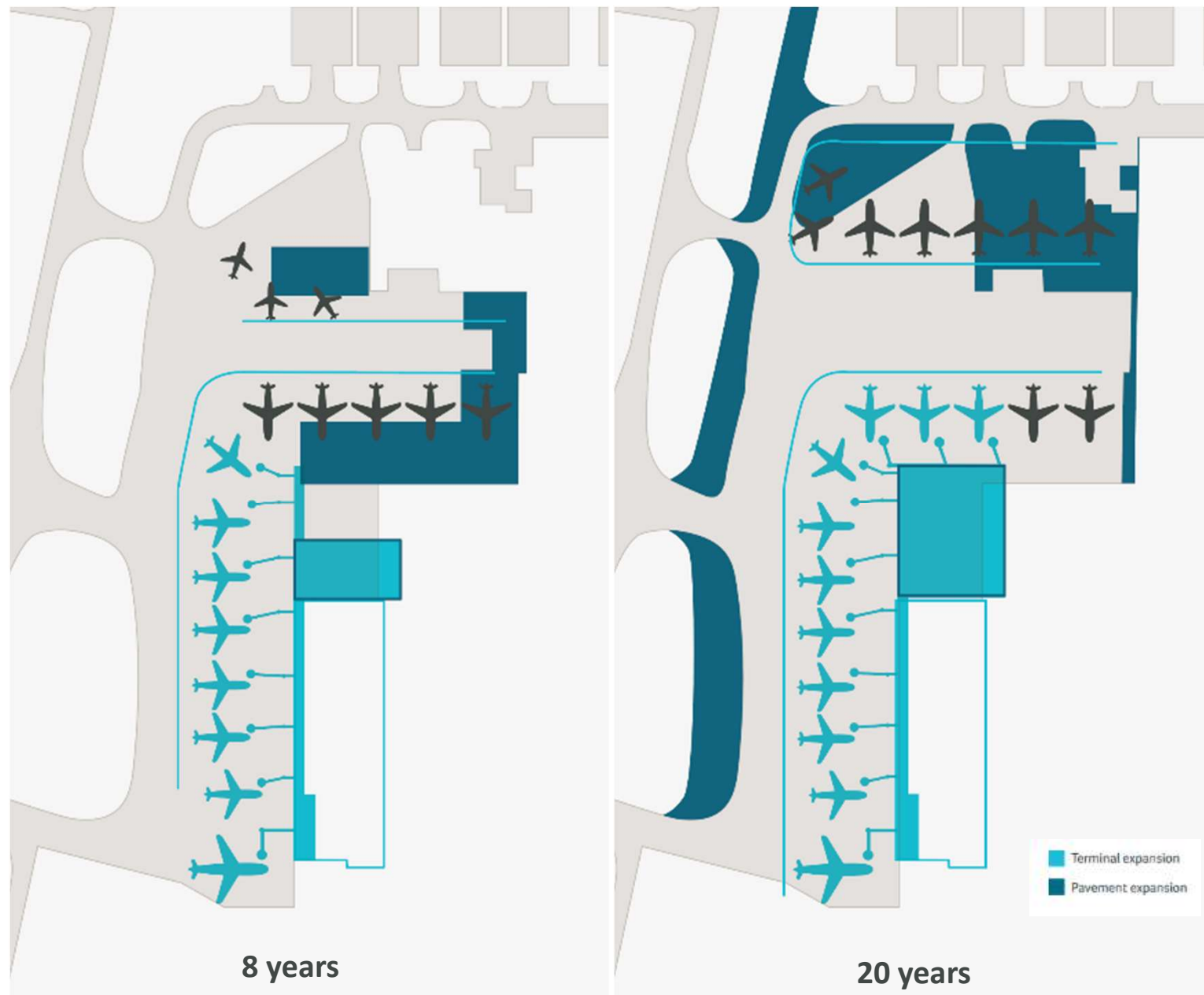
Four precincts, with unique intent & development objectives:

- Gateway Precinct
- Enterprise & Innovation Precinct
- Aviation & Terminal Precinct
- General Aviation & Aerospace Precinct

Airfield development

Reflecting forecast demand for infrastructure

- New full-contact & remote aircraft bays
- New taxiways
- Expanded aprons
- Extended runway (DoD)



General aviation

Proposed relocation to the north to support growth

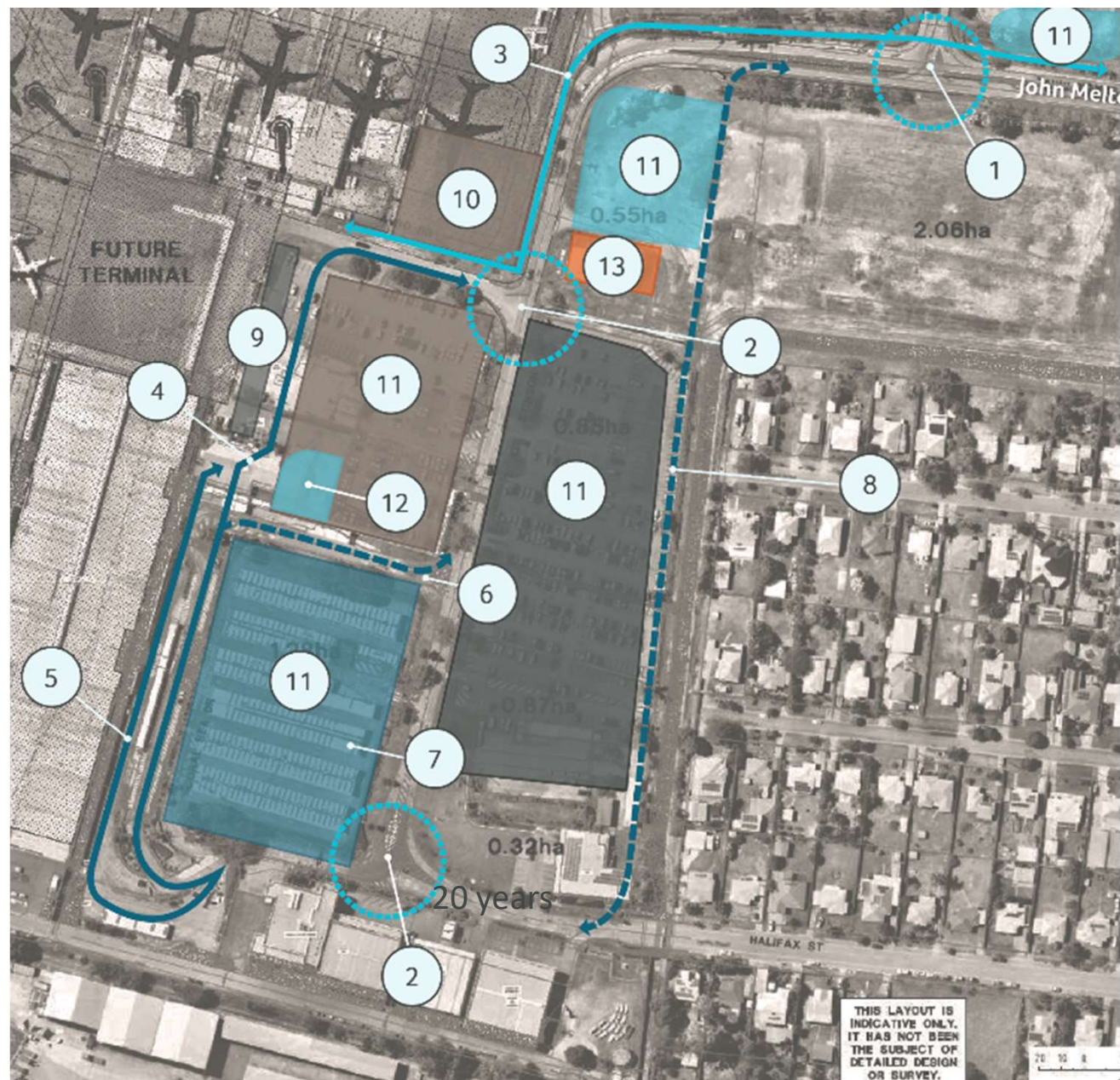
- NAACEX Precinct
- Relocated General Aviation activities



Proposed ground transport infrastructure

8 years

- | | |
|--|--|
| 1. Required signalisation and right-turn lane extension | 7. Optional pick-up/drop-off facility |
| 2. Intersection upgrade | 8. Option to bring forward oneway road system, with acoustic barrier and landscaping |
| 3. New 2.5m shared footpath | 9. Car rental booths |
| 4. Extended pick-up/drop-off through to Avro Drive | 10. Interim car park option |
| 5. Existing GT to join pick-up/ drop-off extension | 11. Car Park |
| 6. Option to maintain Coral Sea Drive for pick-up/drop-off | 12. Airservices Building |
| | 13. Substation |



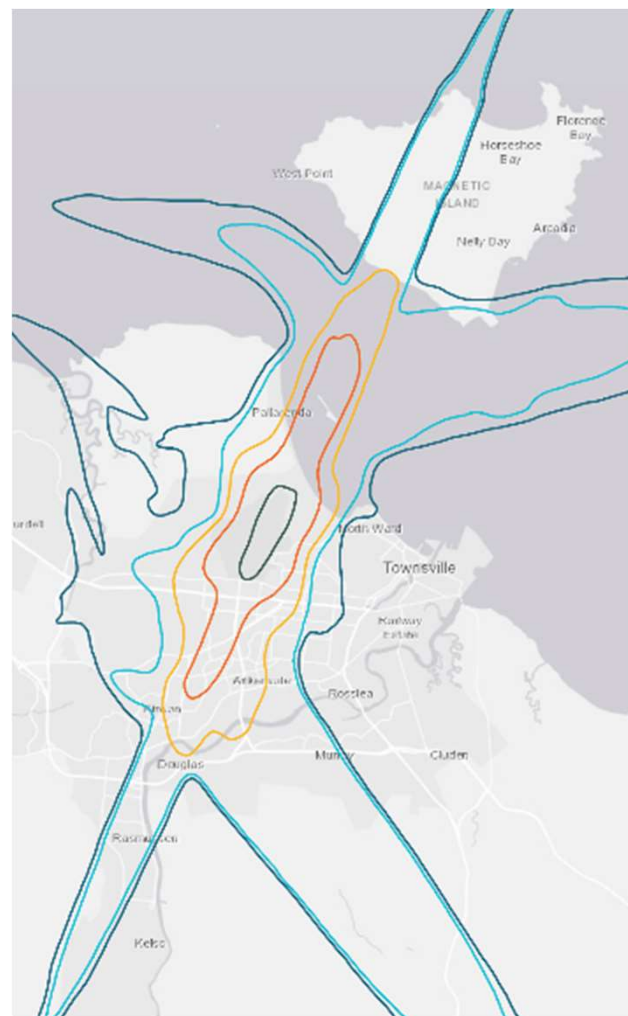
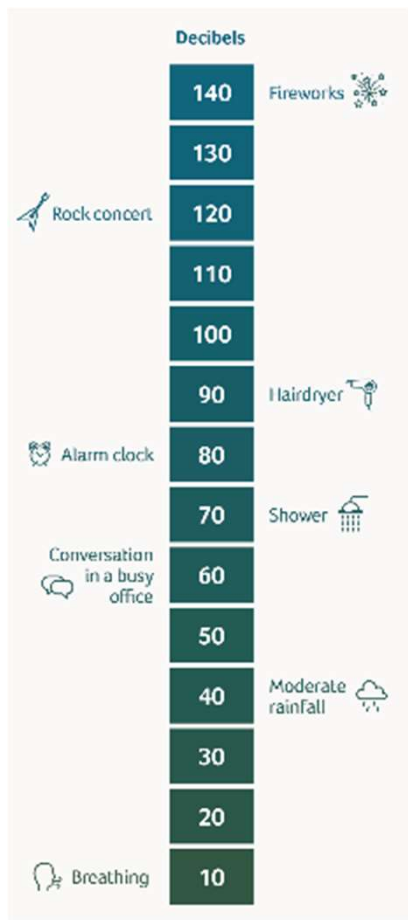
Proposed ground transport infrastructure

20 years

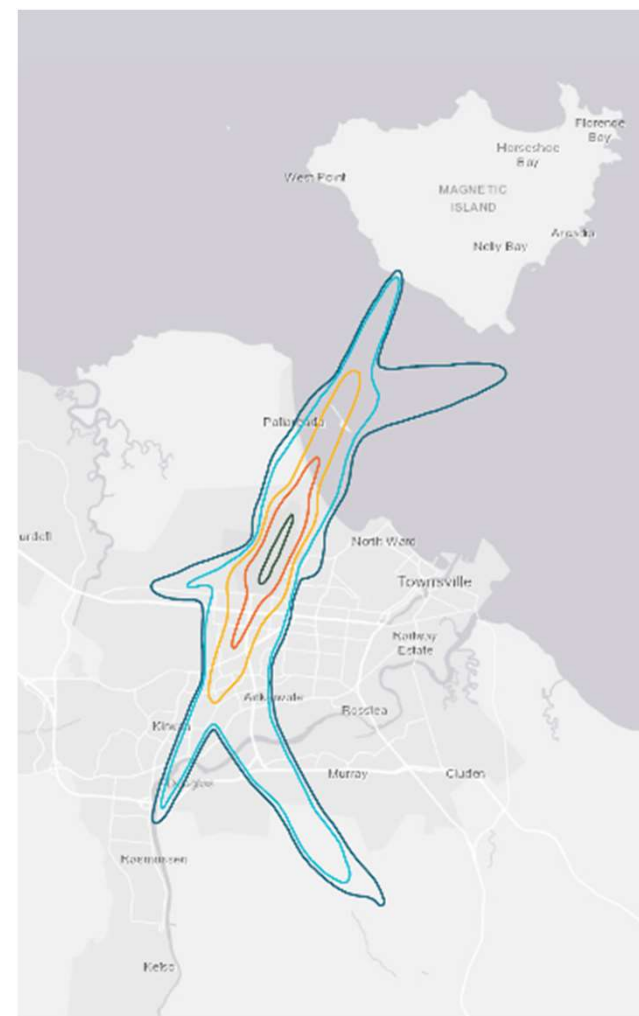
1. Required signalisation and four-lane road
2. Possible 4-way signalised intersection for hotel/ commercial development
3. New one-way road system with acoustic barrier and landscaping. Road setback from residential properties ~18m – 20m
4. Formalised pedestrian crossing
5. Extended public pick-up/ drop-off and GT facility
6. Future public bus stop
7. Coach Parking
8. Relocate freight and logistics operations to GA Precinct
9. Relocated Airport Management Building
10. Car Park
11. Airservices Building
12. Substation







Draft N60 Contours



Draft N70 Contours

Scope 1 and Scope 2 emissions represent those emissions QAL has the most direct control over:



Scope 1

Direct GHG emissions, released from sources owned or controlled by QAL, such as vehicle emissions and GHG-emitting chemicals.



Scope 2

Indirect GHG emissions, resulting from the generation of purchased energy, such as electricity purchased from the grid.



Scope 3

Other indirect GHG emissions resulting from business activities, such as employee travel, tenant, contractor and construction emissions and aircraft emissions.

Queensland Airports Limited has committed to Net Zero Scope 1 and 2 by 2030.



Thank you.

Any questions?

contact@tsvairport.com.au
townsvilleairport.com.au

TSV Townsville
Airport



Defence Industry Hub



Queensland
Government

Defence Industry Hub Workshops and Events

Workshop Suite:

- Introduction to Defence – Tue 23 May (In-Person) ***A FEW TICKETS REMAIN****
- Marketing to Defence
- Tendering for Defence
- Cyber (for DISP)
- Collaborations and Partnerships

[Webinar and in person options](#)

Are you in the Queensland Defence Industries Capability Directory

Want to build your company's profile and promote your capabilities?

A new platform has been created to help Queensland businesses in our defence, aerospace and maritime industry sectors promote their capabilities to local, national and international customers.

The Queensland Defence Industries Capability Directory is an online database where users can find specific capabilities in Queensland.

Register for free via our website – www.defenceindustries.qld.gov.au

Defence Industry Hub Contacts

Defenceindustryhub@qld.gov.au

- Amy Savage, Manager
Amy.savage@dsdilgp.qld.gov.au
- Erin Kiernan, Principal Industry Development Officer
Erin.Kiernan@dsdilgp.qld.gov.au



INDUSTRY BRIEFING HAUGHTON PIPELINE PROJECT – STAGE 2

18 MAY, 2023



WE SEE THINGS DIFFERENTLY

WELCOME

AGENDA

1. About BMD
2. Project overview
3. Location
4. Scope
5. Our commitment
6. Procurement
7. Working with BMD
8. Expressions of interest



WE SEE THINGS DIFFERENTLY

ABOUT BMD

- Australia's **largest privately owned civil contractor**, with operations in every state and territory and **employing over 1800 people**.
- Since establishment in 1979, BMD is renowned for a relationship-based approach to business, putting people, partners and the community first, achieving long term partnerships and legacies.
- 29-year local presence and reputation for delivering successful infrastructure projects in Townsville.
- Delivered **first stage of the Haughton Pipeline**, and the Townsville CBD Utilities project which was delivered under a managing contractor model with the procurement strategies implemented achieving **significant local benefits for Townsville, including 95% spend with local businesses**.



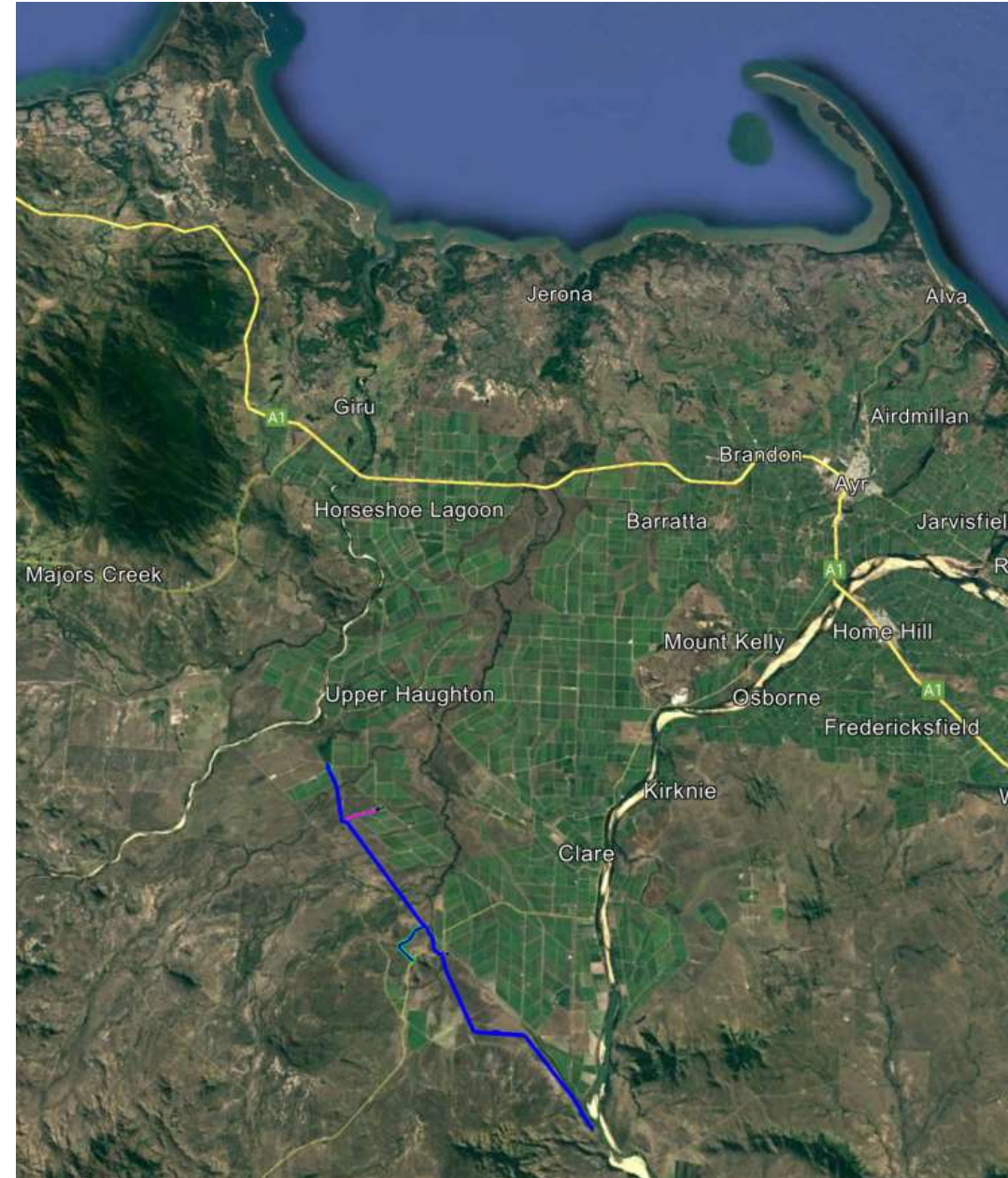
WE SEE THINGS DIFFERENTLY

PROJECT LOCATION

HAUGHTON PIPELINE PROJECT – STAGE 2

- Will connect and extend the existing pipeline from the Haughton River to the Burdekin River near Clare.
- Approximately 1hr Drive to Townsville
- **We know the region well** and have a solid footprint across the project

BMD GROUP



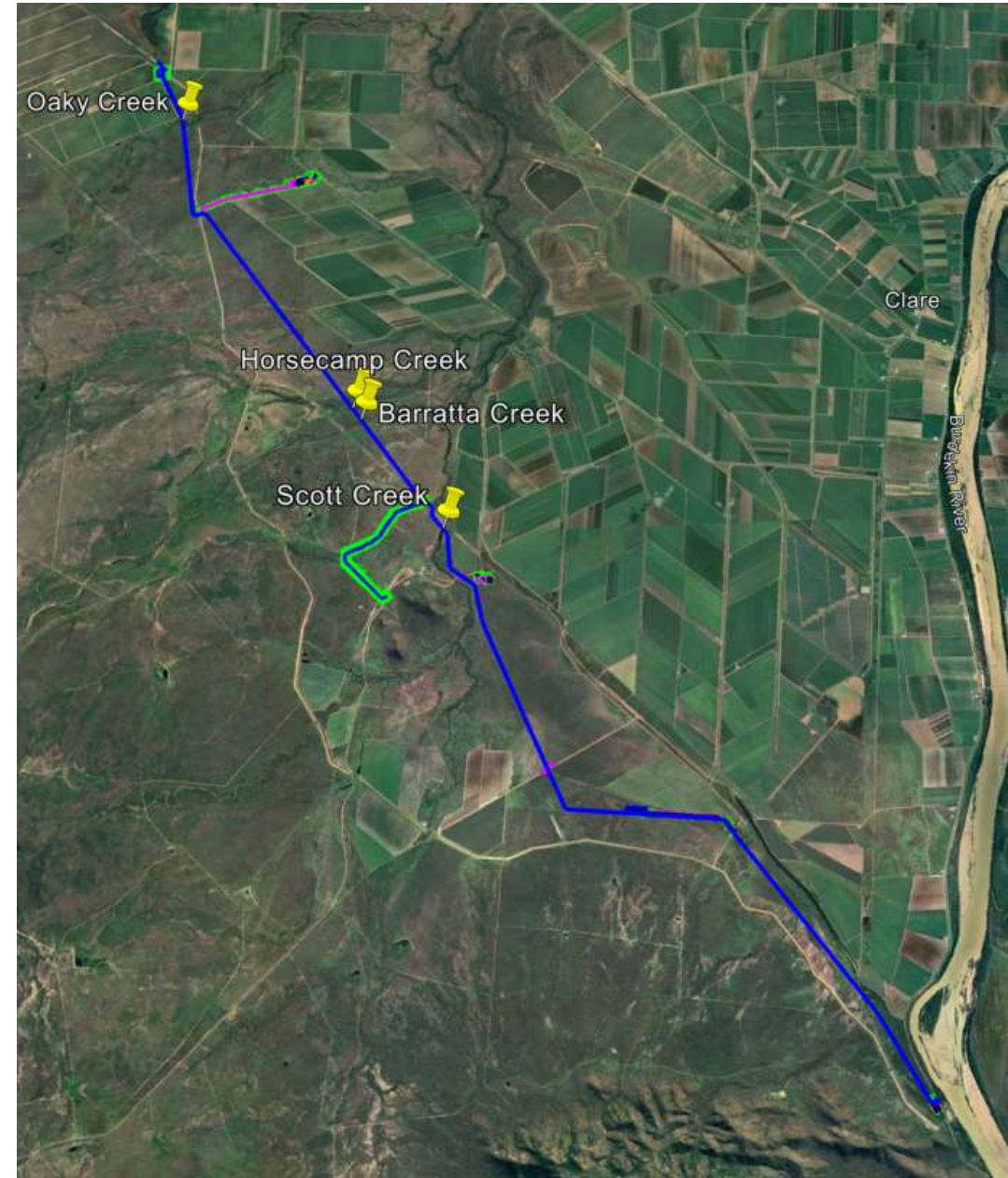
WE SEE THINGS DIFFERENTLY

PROJECT SCOPE

HAUGHTON PIPELINE PROJECT – STAGE 2

- **28.5 kilometres** of **DN1800** pipeline installation (GRP / MSCL)
- **Access roads** and stockyards
- **Concrete thrust blocks** and **Isolation Pits**
- **Rehabilitation** works

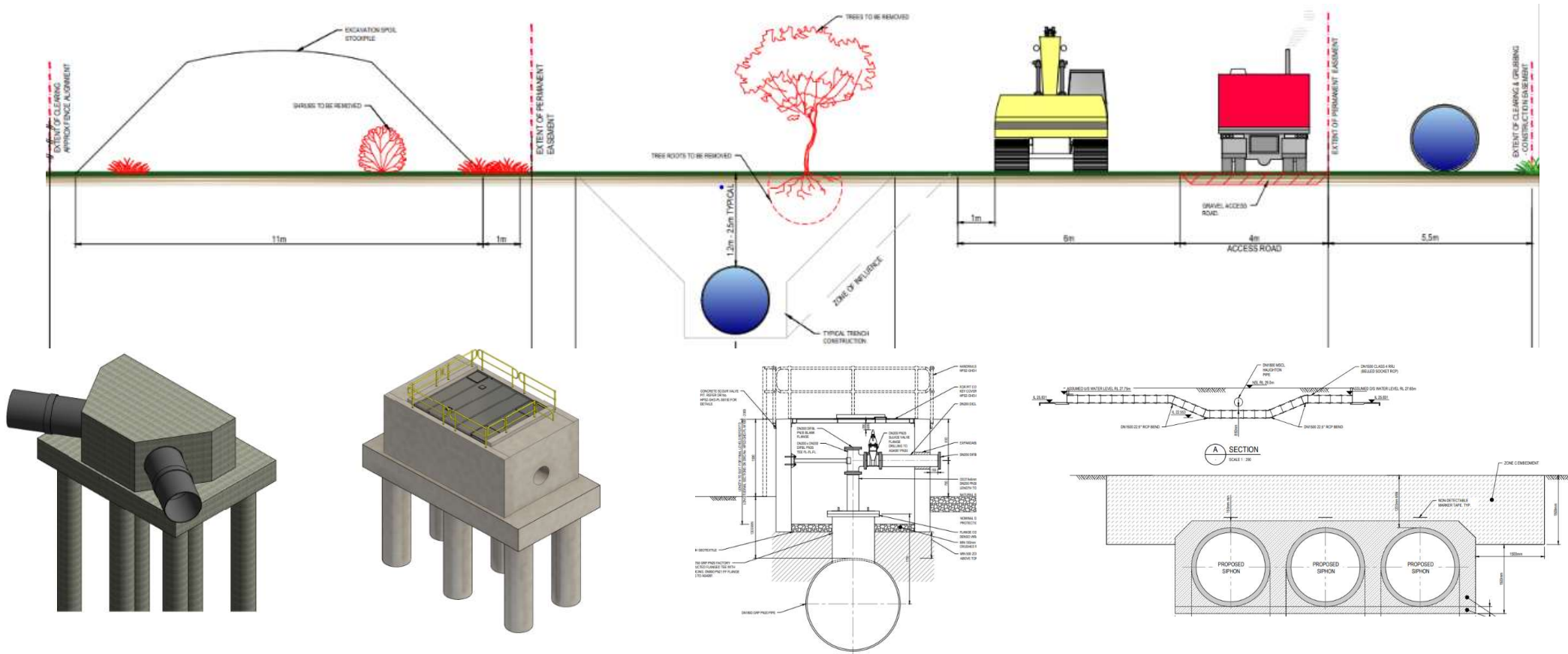
BMD GROUP



WE SEE THINGS DIFFERENTLY

PROJECT SCOPE

HAUGHTON PIPELINE PROJECT – STAGE 2



OUR COMMITMENT

HAUGHTON PIPELINE PROJECT – STAGE 2

- About **300 jobs** will be supported throughout the build of the project.
- BMD will seek **continuous improvement** of the processes that support collaboration with our subcontractors and the coordination of quality, **industry specific and relevant training** to strengthen the skills and knowledge of existing and new workers to the industry.
- As a supporter of equal opportunity for small and medium sized enterprises, we will **assist during tender phase to upskill prequalification, induction and onboarding requirements**.

**We are committed to
employing locally to
support delivery of the
project.**



PROCUREMENT – SUBCONTRACTOR AND SUPPLIER OPPORTUNITIES

HAUGHTON PIPELINE PROJECT – STAGE 2

BMD will be sourcing local specialist subcontractors, plant, equipment, materials and people to support the project. Services required include, but are not limited to:

- Environmental preclearance / Dilapidation survey
- Surveying
- Geotechnical and Structural design
- Temporary office / crib facilities
- Transport and logistic
- Earthworks plant and equipment
- Clearing and grubbing
- Fencing
- Pipeline installation (RCP, GRP, MSCL)
- Piling works
- Pile trimming
- RFP concrete works
- Cranage
- Construction of air and scour pits
- Electrical earthing
- Rehabilitation works

WE SEE THINGS DIFFERENTLY

PROCUREMENT – SUPPLIES

HAUGHTON PIPELINE PROJECT – STAGE 2

BMD will be sourcing local specialist subcontractors, plant, equipment, materials and people to support the project. Services required include, but are not limited to:

- Quarry products
- Sand
- Concrete
- Reinforcing steel
- Fuel
- Precast (RCP/RCBC/pits)
- MSCL pipe
- DICL pipe and fitting
- Cattle grids / washdown bays
- Geofabrics

BMD GROUP



WORKING WITH BMD

HAUGHTON PIPELINE PROJECT – STAGE 2

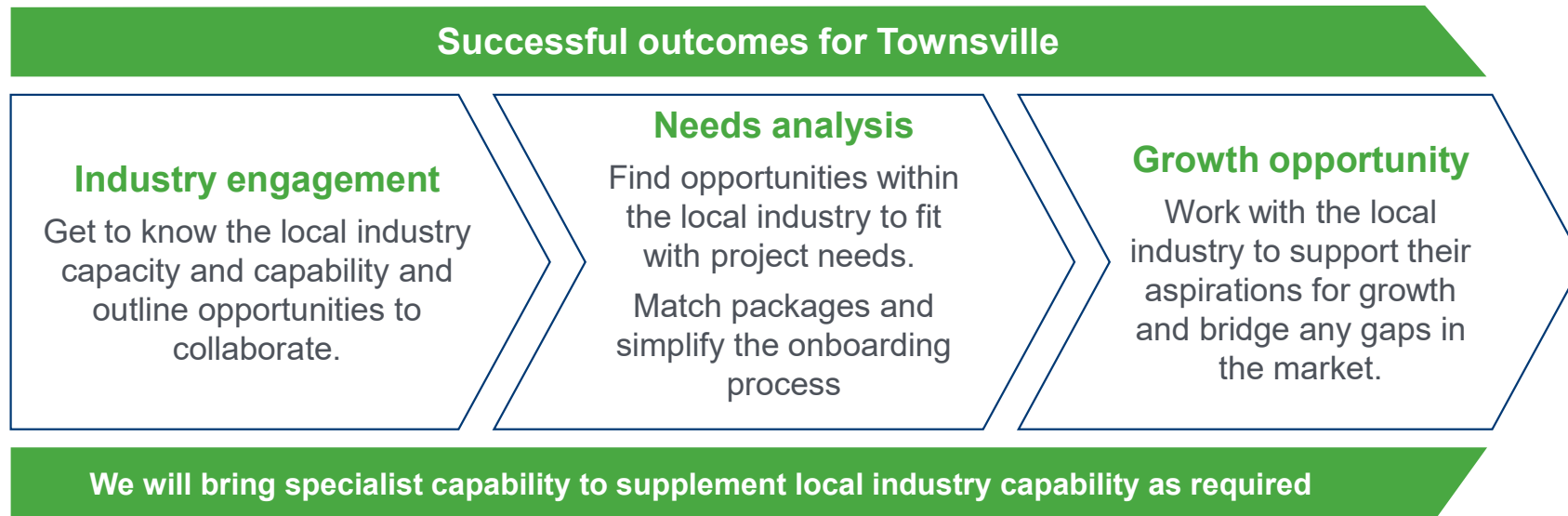
- Collaborative approach
- Safety and environmental excellence
- Do it once - do it right
- Aboriginal and Torres Strait Islander engagement
- Training and development
- Local participation
- Have some fun along the way.

**Family values are
entrenched in our way of
operating - we believe in
the importance of building
genuine relationships,
trust and true
collaboration.**



PROCUREMENT STRATEGY

HAUGHTON PIPELINE PROJECT – STAGE 2



WE SEE THINGS DIFFERENTLY

EXPRESSION OF INTEREST AND NEXT STEPS

DANIEL HUSSEY
Project Manager

daniel.hussey@bmd.com.au

BMD GROUP





THANK YOU

BMD.COM.AU

We appreciate your feedback!

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



Keep in the loop...

- Follow us on Eventbrite for our events and workshops...
- Next Townsville Industry Breakfast – Thurs 17th August



Thank you

James Doyle

Regional Director North Queensland

State Development Infrastructure, Local Government & Planning

Contact us:

DSDILGP North Queensland Regional Office

- Townsville.NQRO@dsdilgp.qld.gov.au
- Ph: 07 4758 3405



Queensland
Government