INTRODUCTION
INLAND RAIL

Creating a new reality for Australia and a more prosperous nation
A SOLID BUSINESS CASE

- Infrastructure Australia endorsed the ARTC Inland Rail Business Case
- Inland Rail declared a priority infrastructure project (May 2015)
INLAND RAIL CREATES
A MODAL SHIFT

2015
ROAD 70%
RAIL 30%

2030
ROAD 46%
RAIL 54%

2050
ROAD 38%
RAIL 62%

Safer, less congested roads
DOMESTIC NEEDS DRIVE ALMOST 70% OF THE BUSINESS

Freight types and percentages forecast at 2050 on Melbourne to Brisbane route.
CUSTOMER DEMANDS

- CONNECTED

- FAST
  - Straight and flat

- RELIABLE
  - 98%

- COST EFFECTIVE
  - 35%

Express trains close to that of trucks

NOW 33hrs

FUTURE <24

MELBOURNE TO BRISBANE

35% COST REDUCTION COMPARED TO ROAD (2025)
INLAND RAIL BENEFITS

GDP/GSP BOOST

NATIONAL
$16+ Billion

QUEENSLAND
$7.2 Billion

NEW SOUTH WALES
$2.6 Billion

VICTORIA
$7.0 Billion

JOBS

16,000

QUEENSLAND
7,200

NEW SOUTH WALES
5,000

VICTORIA
2,800

OTHER STATES
1,000
IT’S NOT JUST ABOUT THE CAPITAL CITIES...

Interconnection and interoperability = more flexibility and cost savings to farmers

CSIRO pilot study showed $64 - $96 per tonne* saving on freight costs

* CSIRO Inland Rail Supply Chain Mapping, Parkes to Narromine Pilot, March 2019
FUTURE PROOFING

- Passenger / freight interface (QLD and VIC)
- Access to ports
- Distribution centre connectivity
- Supporting regional growth strategies
WORLD CLASS FEATURES
ACKNOWLEDGING OUR PRIVATE SECTOR PARTNERS

**ECONOMIC, FINANCIAL AND PROFESSIONAL SERVICES**
- ACIL Allen
- ACIL Tasman
- Deloitte
- Ernst and Young
- KPMG
- PricewaterhouseCoopers

**ENGINEERING, DESIGN AND ENVIRONMENTAL SERVICES**
- AECOM
- Aquenta
- Arup
- Aurecon
- GHD
- Hatch
- Halcrow
- Hyder Consulting
- Jacobs
- Kellogg Brown Root
- Lycopodium Infrastructure
- Mott Macdonald
- Parsons Brinckerhoff
- SMEC
- WSP

**CONSTRUCTION CONTRACTORS**
- BMD Constructions
- Fulton Hogan
TOOWOOMBA TUNNEL

- Second longest freight tunnel in the Southern Hemisphere
- 6.4km single track, double-stacked container clearance
- Ventilation is the key challenge
TOOWOOMBA TUNNEL – COMPLEX ENGINEERING

World-class Features
TOOWOOMBA TUNNEL – BACKBONE OF 4.5 HOUR TRAVEL TIME SAVING

7 Km
ROAD RAIL INTERFACES

- Seamless simple integration requires complex engineering and construction
CONDAMINE FLOODPLAIN CROSSING SOLUTION
CONDAMINE FLOODPLAIN CROSSING
PROPOSED SOLUTION
SUSTAINABILITY – PARKES TO NARROMINE

Visit the Inland Rail Facebook page to view the video.

https://www.facebook.com/inlandrailofficial/videos/470414380165536/
ESTIMATED WATER REQUIREMENTS
INLAND RAIL WATER RESOURCE PRIORITIES

Security

Saving

Legacy
EMPATHY IS EVERYTHING
EMPATHY FOR CULTURAL HERITAGE

View the video on YouTube:

https://youtu.be/4ZLzY58fiSk
INFORMATION DRIVES DEEPER CONVERSATIONS
ECONOMIC STIMULUS
TOTAL SPEND TO DATE $712M

- Construction contracts - over $300 million
- Ballast / capping supply - $17 million
- Culverts - $13 million
- Turnouts - $4 million
- Concrete sleepers - $45 million
- Steel rail - over $51 million
- Accommodation providers, local shops (e.g. bakeries, cafes, retail, fuel and building supplies)
PARKES TO NARROMINE EMPLOYMENT AND LOCAL BENEFITS (AT JULY 2019)

$24.5M total spend

$3.4M with Indigenous businesses

280 local residents

65 of whom are local and Indigenous

648 people have worked on the project since commencement

72 local businesses have supplied to the project

9 of which are Indigenous businesses
WHAT INLAND RAIL CAN DO FOR QUEENSLAND

- 7,200 jobs
- $5 billion in federal stimulus
- Establish South-East Queensland as a strategic freight hub
The Australian government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.