

#### Contents

- ▶ Where is Northern Rivers NSW
- ► Northern Rivers regional strengths
- ► Current state freight challenges
- ▶ How the NRI was created
- ▶ NRI preliminary arial & planning designs
- ► Regional intermodal visual guide
- ► Connectivity opportunities for the region
- ▶ Next Steps

### Freight Challenge

Currently 80% of freight movements Brisbane to Sydney and Brisbane to Melbourne are by road, with 90% between Sydney and Melbourne by road. The Australian Rail Track Corporation (ARTC) forecasts freight demands will double over the next 15 years, driven by growth in real income, population and exchange rates with rail market share expected to increase to 40% Melbourne to Brisbane, 30% Brisbane to Sydney and 20% Sydney to Melbourne

3

## Freight Challenges

Increasing numbers of trucks on roads (safety & coniestion)

Demand for centralized aggregation, storage & Weight restrictions on roads / Limitations to tonnage capacity

Mitigating market volatility with consistent freight

Increasing financial cost & slow improvement to roads & bridges

Extensive studies demonstrating regional freight & supply chain needs Transport / Freight constraints (road flooding, supply, cost) & impact on product (damage)

Under utilized rail network & missed opportunities

# Creation of the Intermodal Hub concept

- Since 1983, John Wright has worked with the biggest & broadest cross section of industries servicing the region as the owner of PRIMEX Field Days. He identified a need for cost effective freight solutions to facilitate growth; accessibility to & creating new and global markets; improving safety of removing trucks off the roads and providing Northern Rivers with a future economic portfolio to combat volatility, drought, floods & fires and "inland port"
- He set out to connect the region via the rail network & make it affordable through cross industry collaboration.
- \$\text{stakeholders were engaged, research conducted & initial demand identified. Government were lobbied.}
- Between 2005 2010, over 360,000sqm of land was acquired between Reynolds Rd and Nammoona Rail Station at Casino, Richmond Valley Northern Rivers NSW
- ▶ DA was approved and activated for IN1 zoning & subdivision.
- Located within the NAMMOONA INDUSTRIAL PRECINCT
- ▶ The project was previously named Pacific Intermodal due to its proximity to the east coast rail line & Pacific Ocean

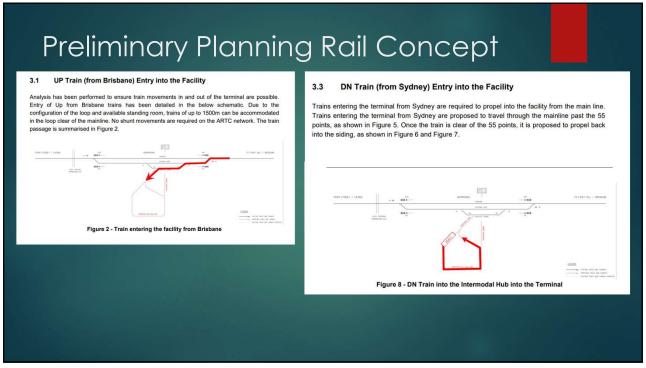
5

# Freight Solution: NRI "**The Intermodal**" Rail market share will increase

- ▶ \$95m project output & 177 new jobs minimum direct positive impact (Remplan)
- Project identification, recognition & endorsement from a cross section of all 3 levels of Government, MPs, Regional Development Australia, Regions NSW, ARTC, NSW Planning, Richmond Valley Council, Lismore City Council.
- ▶ ARTC investment in upgrading the Northern Rivers rail & signal network
- Innovation in operational packaging & shift in transport mode
- ▶ 5 largest industries to benefits from the rail freight opportunity
  - Timber (DEWA/Forest NSW Industry body/Stakeholders)
  - Meat / Beef (MLA/Casino Food CoOp/Stakeholders)
  - Quarry / Construction (ARTC/Stakeholders)
  - Waste / Recyclable (Northern Rivers Joint Organisation / North Coast Region Waste/Stakeholders)
  - Other; Ag Macadamia Nut, Sugar, Blue Berries; Manufacturing Emerging industries



/









Bulk & Container rail loading visual guide

