

Queensland Train Manufacturing Program

2025

Torbanlea train manufacturing facility - Final Design



Fast facts



30,000m²

Size of the facility floor plan



7km

Rail track in the facility to support movement and testing of trains



6950 tonnes

Steel to build the manufacturing facility



2639

Solar panels on facility roof

Brand new purpose built facility, building new trains, more jobs and local opportunities

QTMP is building Queensland's manufacturing capability, generating jobs and supply opportunities for local businesses.

The final design is now available for the QTMP Torbanlea train manufacturing facility which is located in the Fraser Coast region. Positioned 25km north of Maryborough, the 130-hectare site was chosen for its proximity to the Bruce Highway and North Coast rail line.

QTMP will develop the region's historic and proud connection to train manufacturing and provide a legacy for future generations.



Take a virtual tour

Scan to experience an immersive 3D fly-through of the facility.

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Torbanlea train manufacturing facility highlights



Skilled workforce
covering a range of professions



Purpose-built building
an acoustic shed with specialised zones and equipment



Testing facilities & tracks
to test the new, modern fleet before it enters the rail network

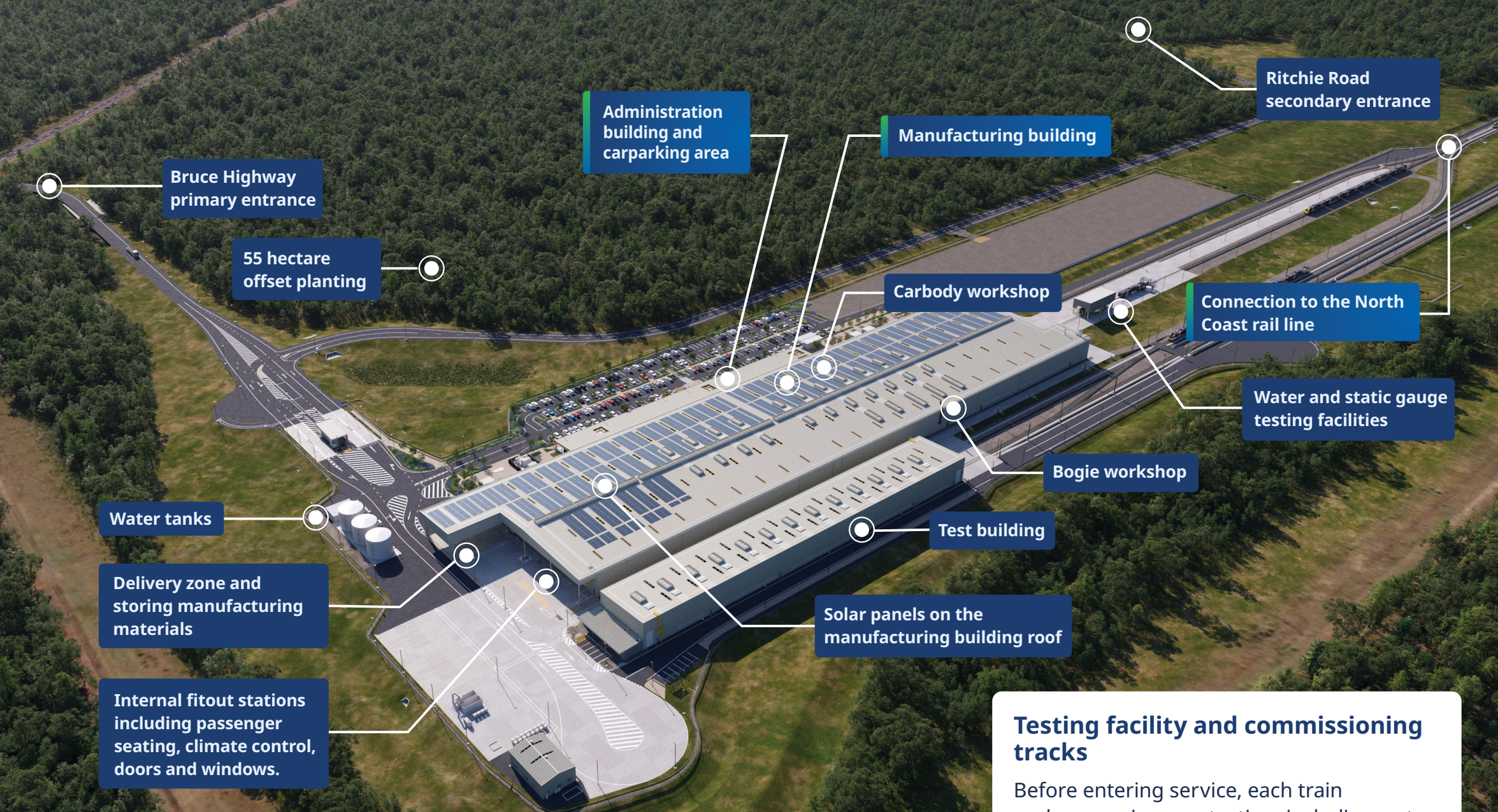


North Coast rail line connection
for the new fleet to connect to the existing rail line

Building the QTMP fleet

This state-of-the-art facility will enable Queensland to manufacture 65 new six-car passenger trains for the South East Queensland network. Specialised production zones will support steel fabrication, robotic-assisted welding, bogie construction, carbody assembly, electrical component manufacturing, equipment fit-out, and final train testing.

The manufacturing facility will be operational in 2026. The modern QTMP fleet will be the most accessible in Queensland, with all 65 six-car trains expected to be in service by 2032.



Environment and visual amenity

Community feedback received during consultation from December 2023 to March 2024 informed environmental and visual amenity improvements to the design of the facility.

A 55 hectare offset area will be maintained as natural bushland on the site, to preserve and protect identified flora and fauna species and their habitats, and wildlife corridors.

The design retains existing vegetation where possible and incorporates additional plant species native to the Fraser Coast region, such as Black Sheoak trees and Kangaroo Grass.

A 2.4 metre-high security fence will be installed around the facility’s perimeter and complemented by landscaping at site entrances.

Manufacturing floor

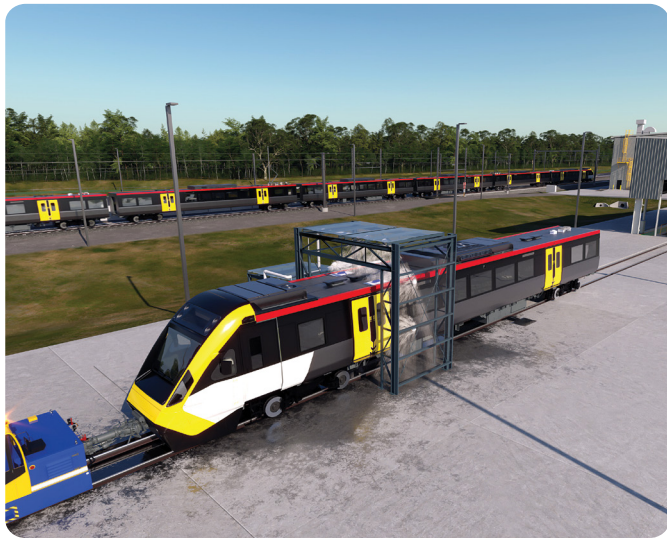
The main manufacturing facility floor will include robotic welders, wheel press, machining centres, paint and blast booths, fit-out stations, and carbody assembly areas.



Testing facility and commissioning tracks

Before entering service, each train undergoes rigorous testing, including water ingress and dynamic testing on specifically laid tracks.

The testing process involves detailed examination of each train’s functional systems, including traction control (power system), brakes, air conditioning, passenger amenities, and control systems.



Manufacturing facility operations



Job opportunities

During peak manufacturing, the facility will support nearly 200 blue-collar and 100 white-collar jobs.

Roles will include boilermakers, electrical and mechanical trades, administration, support services, quality control, and testing.



Access and traffic

Primary access to the facility will be via the Bruce Highway, with a secondary access for light vehicles from Ritchie Road.

The facility includes dedicated car parking areas for staff, with additional visitor parking.



Light

Lighting will be required around the clock at the Torbanlea train manufacturing facility, to ensure worker safety and site security.

This has been designed to provide necessary security and safety while minimising light spillage beyond the site boundaries.



Noise

Operational noise from the facility is anticipated to be minimal, due to being located away from residential buildings, and within an acoustic shed.

Trains are required to sound their horns as they move around the facility – this is a safety requirement.

Butchulla spotlight story

QTMP is partnering with the Butchulla People who are the native title holders for the QTMP project area at Torbanlea. Through this partnership QTMP is delivering training and employment for Butchulla people and business opportunities for Butchulla businesses.

The Butchulla Participation Committee (BPC) has been formed with representatives from the Butchulla Native Title Aboriginal Corporation (BNTAC), the Department of Transport and Main Roads, Downer and John Holland Group.

Initiatives of the committee include showcasing the history of Aboriginal and Torres Strait Islander Peoples at the Project Information Centre in Maryborough, public artwork for the manufacturing building façade and a Yarning Circle at the facility. Internationally renowned Indigenous artist, Fiona Foley, has been commissioned to create the artwork for the manufacturing building façade and the design of the Yarning Circle.

Contact us

Stay up to date and find out more online at: www.tmr.qld.gov.au/trainmanufacturing | Email: qtmp@tmr.qld.gov.au
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