

Regional Rail Project

We are replacing the ageing NSW regional rail fleet of XPT, XPLOER and Endeavour trains. To support the new fleet, a new purpose-built maintenance facility is being constructed in Dubbo.

Regional Rail Fleet

The new trains will provide improved safety, accessibility, facilities and reliability for customers who travel from many NSW regional centres to Sydney, as well as Canberra, Melbourne and Brisbane.



Regional Rail Fleet – artist's impression only

Design of the new **29**-train fleet is underway and will include:

- 117 new carriages forming **10 regional intercity, 9 short regional and 10 long regional** trains.
- Directional seating, charging points for mobile devices, aeroplane-style overhead luggage storage, digital screens and announcements, and improved accessibility including priority seating and accessible toilets.
- Bi-mode technology, significantly reducing carbon emissions and diesel particulates, compared to the current regional fleet.

Bi-mode is a diesel-electric hybrid which will allow the fleet to run on overhead power when operating on the electrified train network.

When operating outside of the electrified network, the train uses on-board Diesel Electric Multiple Units (DEMUs) to generate its own electricity.



Benefits of bi-mode

Operating the trains in a bi-mode configuration will:



reduce carbon emissions by
around 540 tonnes annually



reduce diesel pollution by
around 3 tonnes annually

These reductions in emissions will result in a **saving of approximately \$1 million** through associated health and environmental benefits.

This is the equivalent of:

- the emissions of around 77 Australian households,
- travelling 3 million vehicle kilometres or Australia's perimeter 83 times.

Operating the trains in bi-mode will create a **saving of over \$2 million** on diesel fuel costs annually. Bi-mode operation also means the engines will be switched off when under the electrified network, making the journey quieter for customers. Further noise reductions are expected when the trains are stationary.

Mindyarra Maintenance Centre

A new train maintenance facility is being constructed in Dubbo to stimulate the regional economy and help create sustainable employment opportunities.



Mindyarra Maintenance Centre – artist's impression

Naming of the maintenance facility

In collaboration with representatives from many local Aboriginal organisations and the Regional Rail Project Aboriginal Working Group, the new maintenance facility has been named 'Mindyarra Maintenance Centre'.

The word Mindyarra - pronounced Min-Dga-Rra - is a Wiradjuri word, meaning to fix or repair. It was chosen to represent the literal work that will occur at the new maintenance facility and the work that Transport for NSW is doing to support reconciliation.

More information can be seen in a video on the Project web page:
transport.nsw.gov.au/projects/current-projects/regional-rail

Layout of the Mindyarra Maintenance Centre in Dubbo



Jobs, Skills and Industry Participation

The Regional Rail Project is committed to delivering sustainable regional jobs, comprising of a diverse workforce. This includes Aboriginal participation, women in non-traditional trades and young people under 25 years of age.

With an estimated 200 jobs required during construction, and 50 ongoing jobs during the maintenance phase, the project provides opportunities for long term employment as well as skills development. The development of transferable skills from one project phase to another, and onto other projects in the region, can support long term job prospects for regionally-based people.

The project provides opportunities for long term employment as well as skills development. The development of transferrable skills from one project phase to another, and onto other projects in the Region aims to support long term job prospects for regionally based people.



Check out the JSIP webpage for more information and updates:

<https://www.transport.nsw.gov.au/projects/current-projects/jobs-skills-and-industry-participation>

Working together



Transport for NSW is delivering the Regional Rail Project.



NSW TrainLink will operate the new trains as they come into service.



This document contains important information about public transport projects in your area. If you require the services of an interpreter, please contact the Translating and Interpreting Service on **131 450** and ask them to call Transport Projects on **(02) 9200 0200**. The interpreter will then assist you with translation.