



# Carmichael Rail Network



**The Carmichael Rail Network will be approximately 200km long, connecting to the existing rail network to provide a seamless freight transport connection between the Carmichael mine to the Port of Abbot Point.**

**Construction and operation of the Carmichael Rail Network will create thousands of new jobs for Queensland and will open up the Galilee Basin to create jobs for Queensland families and opportunities for small business.**

These economic benefits will be felt most in places like Townsville, Rockhampton, Bowen and Mackay and will flow on to the rest of the State.

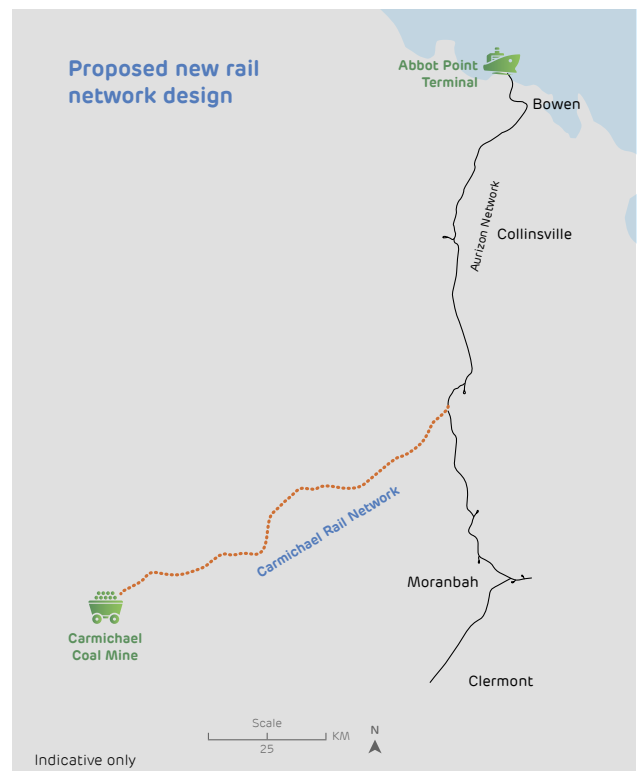
The Carmichael Rail Network was recently redesigned to link into the existing rail network, reducing costs and accelerating project development.

The narrow gauge rail will follow the same route as previously contemplated and the initial design capacity of 40 million tonnes per annum, with potential for expansion, ensuring capability to manage the Carmichael mine's 27.5 million tonne yearly production rate.

This design change will ultimately see the project fast-tracked and capital expenditure reduced. This will ensure more coal can be delivered more quickly to countries in Asia with a growing demand for energy.

The Carmichael Rail Network is being built to support the transfer of coal from the Carmichael mine to the Port of Abbot Point.

The Carmichael Project is a thermal coal mine and rail project, which will produce coal from the Galilee Basin for use in countries in Asia, including Vietnam, India, China and Malaysia, delivering thousands of jobs for Queenslanders in the process.





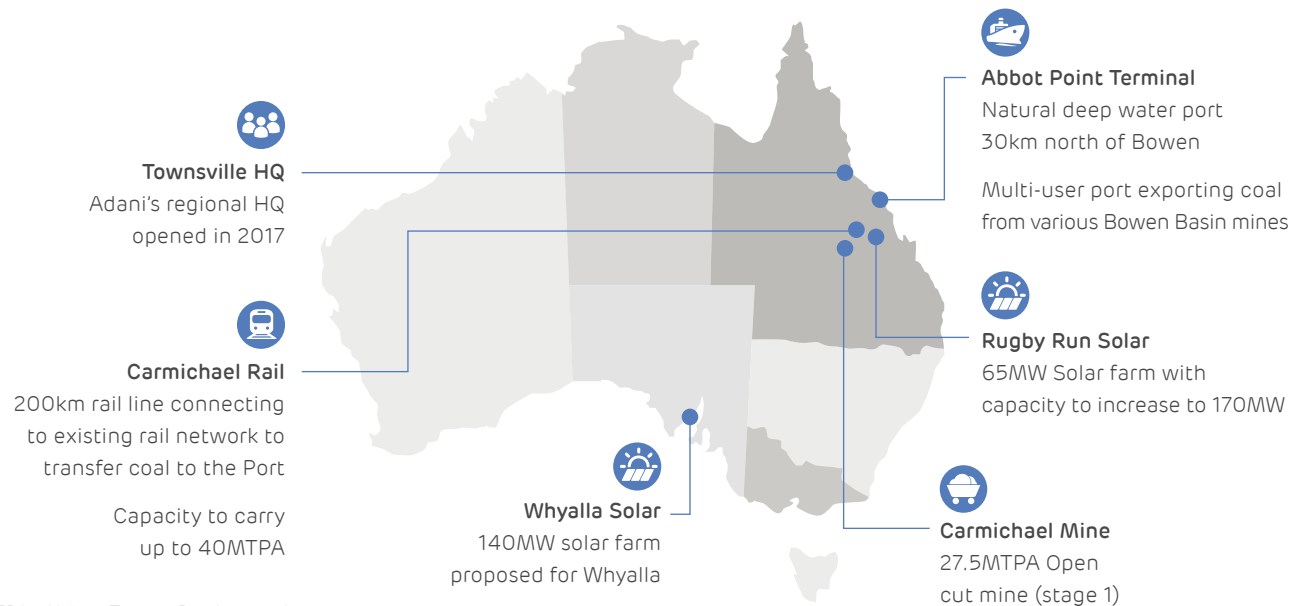
## Fast Facts Rail

Fact	Previous rail design	New rail design
Route Length	388km	Approx 200km
Gauge	Standard gauge (1435mm)	Narrow gauge (1067mm)
Stage 1 capability	40mtpa	40mtpa
Maximum Speed	Loaded – 80km/hr Unloaded – 100km/hr	Loaded – 80km/hr Unloaded – 80km/hr
Design Life	Rail Track – 50 years Drainage Structures – 50 years Bridge Structures – 100 years	Rail Track – 50 years Drainage Structures – 50 years Bridge Structures – 100 years

## Adani Australia is an energy and infrastructure company, dedicated to delivering energy solutions for an advancing world.

By providing energy solutions here in Australia and the Asia Pacific region from renewable and thermal energy, we will create jobs and help fund major infrastructure upgrades to hospitals, schools and roads by contributing billions of dollars in taxes and royalties.

Welcome to the age of sustainable global energy. For Adani Australia, it all starts in regional Queensland.



\*MTPA - Million Tonnes Per Annum