

'The power of the program is like a giant jigsaw puzzle. You start at the edges by effectively integrating the capabilities of each of the alliance participants, and then identify and harness the synergies that are available in a program alliance until we realise the full picture of our true potential.'

Strategic Procurement Manager, Novo Rail



## PROGRAM POWER

As a Program alliance, as distinct from single project, Novo Rail is fundamentally different to a number of other rail alliances and is well-placed to tap into the 'power' of the Program to deliver resource efficiencies, optimum solutions and greater certainty of outcome.

Its holistic, cradle-to-grave approach - from design through to execution and commissioning - ensures network integrity and reliability and whole-of-life decisions about rail assets.

Alliances are well suited to high risk, highly complex challenges and by realising the power of the Program, Novo Rail is able both to drive innovation and to strike an appropriate balance between cost through to quality, safety, reliability, ethics, timeliness and service.

[www.novorail.com.au](http://www.novorail.com.au)

Novo Rail enjoys a strong people-oriented culture in an environment that thrives on innovation and challenge. Our vision is to be recognised for energising the rail industry, whilst always focusing on safety, delivering value and surpassing expectation.

For career enquiries email [recruitment@novorail.com.au](mailto:recruitment@novorail.com.au)

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## INFRASTRUCTURE IN RAIL AN ALLIANCE IN ACTION

GROWING PEOPLE GROWING INFRASTRUCTURE

## TECHNOLOGY DRIVEN

Novo Rail is an alliance formed between RailCorp and three private sector companies, Aurecon, Laing O'Rourke and O'Donnell Griffin, to deliver a substantial portfolio (over \$1bn worth) of infrastructure work across Sydney's rail network.

## A CRITICAL CHALLENGE

A Critical Resource is defined as a job-type which requires RailCorp engineering authority to work on the network, and the objective of the Novo Rail Resource Development Program is to develop people in addition to the existing RailCorp workforce in these critical skill sets.

'We want Novo Rail to be the leader for change, the best in class: a trail-blazing environment which will shape the future of rail infrastructure construction.'

General Manager Projects Division, RailCorp

The range of work being delivered by Novo Rail includes the fast-track upgrade of rail signalling, power systems to accommodate the introduction of the networks new Waratah trains, plus junctions work and construction of train stabling yards to meet RailCorp's infrastructure requirements. The co-ordinated program of works will help provide a safe and more reliable Sydney rail transport system.

Each alliance partner specialises in an area specific to the design and delivery of turnkey rail signalling, traction supply and multi-disciplinary infrastructure projects and one of Novo Rail's key objectives is to harness the knowledge and skills of the private sector.

Novo Rail is committed to the recruitment, training an up-skilling of employees, in order to fill the rail industry's critical resource gap and to deliver a step-change in rail resource development. The end game is to leave a legacy for RailCorp and the rail industry on which future alliances can be built.

## PROJECT SOLUTIONS

The type of RailCorp projects referred to Novo Rail usually fall into one of the following broad categories:

- Junction and Signalling projects
- Traction Supply Upgrades (TSU) e.g. substation construction and overhead wiring
- Train Stabling projects.

At any given time, Novo Rail will be working on a number of live brown-field rail projects as well as developing the Target Out-turn Costs (TOCs) for the next wave of projects. Transparency, rigour and challenge are key components of the Novo Rail approach and there is a strong emphasis on driving Value for Money plus project cost and resource efficiencies through innovation and strategic re-engineering of systems and processes.