

Centralised Plant Function

On most construction sites, plant is coordinated and maintained by individual site teams.

This arrangement creates site team autonomy, however it has numerous drawbacks:

- Inconsistency of processes and standards
- Inefficient use of resources, with plant often sitting idle that could be used elsewhere
- Conflict of interest between production and plant maintenance priorities

To combat these issues, the Rozelle Interchange Project trialled a centralised plant function, comprised of:

- **Centralised Plant Onboarding Team.** An independent team managing plant onboarding and compliance checks for all on-site plant (owned, hired and sub-contracted).
- **Centralised Plant Team.** A central team responsible for all plant maintenance and repair across the Project.

The strategy has proven highly successful and has led to enhanced performance in numerous areas.

Safety

- Centralised plant function ensures consistent minimum standards are applied for all plant.
- Higher safety standards can be set and consistently maintained.
- Plant is safer, reducing plant-related incidents and injuries.
- Damaged plant is tracked accurately, with no conflict of interest between production and maintenance, driving an accountable culture.
- Standardised plant ensures operators are consistently using the same machinery are familiar with plant operation.



Quality

- Clear reporting lines means production pressures do not drive the maintenance strategy, leading to better maintained equipment.
- Specialist tradespeople implement custom maintenance and repair strategies specific to the operating environment and plant type.
- Consistent use of an independent platform to manage plant compliance (MEX and 3D Safety) leads to higher quality record-keeping.

Legal

- Centralised function and record-keeping drives accountability and compliance with Work Health and Safety Regulation requirements.

Programme

- Centralised team is notified electronically any of any plant issues during pre-starts, ensuring quick repair turnaround.
- Specialist tradespeople carrying out repairs minimises maintenance durations and repair frequencies, resulting in increased plant availability.

Financial

- Central management of owned/hired plant ensures resources are shared and used efficiently, with less money spent on idle plant.
- Improved rates by utilising standard suppliers.
- Long-term hire rates are lower, and on- and off-hire costs are reduced.
- Greater care taken for long-hire plant reduces costs.

