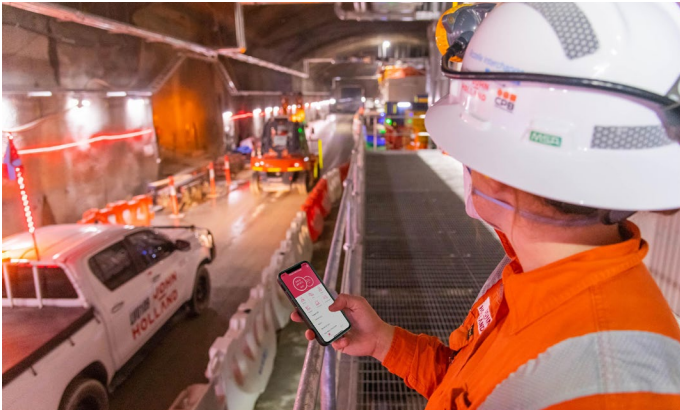


Sustainability Initiative: Paper Savings



The Rozelle Interchange Project is committed to implementing technologies to reduce waste and our impact on the environment. Four resource-saving initiatives have been successfully implemented to replace paper-based tasks in our workflows.

An estimated 11,368,103 pages, equalling 56t of paper, will be saved across the project lifecycle through digitisation and process automation, also resulting in a saving of \$341,043.10

Follow Me Printing

In February 2022 the project installed 'FollowMe' printing technology. In order to print a document, users must swipe a registered RFID card or enter their employee number at their chosen printer. This saves a significant amount of paper by avoiding incorrect, unnecessary prints and prints sent to the incorrect printer, equal to 16% of all print tasks.

Digital Signature Software

[Adobe Software](#) has been implemented across the project to request secure, electronic signatures, reducing the requirement for contracts to be printed and physically signed. Contracts can be easily amended and approved at any stage during the project resulting not only in paper, toner and ink savings, but also ensuring timely turnaround of documents and secure collaboration.

Digital Pre-starts

Pre-starts are crucial to creating a positive safety culture on the project. The traditional process for a pre-start is for all workers to physically sign a pre-start sign-on sheet. Over 50 pre-starts typically occur across the project each day. The [digital system](#) that has been implemented with 3DS allows supervisors to prepare pre-starts digitally and

then scan worker identification cards as evidence of attendance. Centralised, digital records of attendance and pre-start content also assist timely workplace investigations.

Spoil Digitisation

Over a two-year period, the project has removed approximately 10 million tonnes of spoil to establish the tunnel network. Traditionally, spoil is tracked using paper dockets that are manually entered into a central spreadsheet. However, a [verified Australia-first innovation](#) was developed by the Project to fully automate the tracking and management of spoil. A bespoke system utilising an onboard device to track truck location, registration of the vehicle, driver, time and date, and weight for each truck load was developed, saving an estimated 80,000 paper dockets over the life of the project.

Benefits

Environmental:

- Paper savings reduce demands on local environment
- Digitisation facilitates regulatory compliance (e.g. spoil tracking and use of authorised routes, tracking of dockets)

Social:

- Secure document signing protects privacy of confidential information (e.g. employee records)
- Digital pre-start sign-on processes ensure individual accountability
- Accessible pre-start information enhances worker safety
- Spoil tracking ensures heavy vehicles do not access local roads, protecting safety of pedestrians

Economic:

- Financial savings due to paper reductions
- Digitisation of workflows supports Australian software companies (e.g. 3D Safety) and creates local jobs (Teletrac Navman)
- Improved productivity from digitisation reduces project duration, enabling quicker return to BAU for local economy
- Digitisation of spoil tracking mitigates traffic impacts of heavy vehicles, ensuring local economy continues to function

