

Asta Powerproject helps support managing the challenge of rebuilding Christchurch's infrastructure.

One of the largest and most complex civil engineering projects ever undertaken in New Zealand is now under way in Christchurch to repair the devastation caused by the earthquakes and aftershocks of September 2010 and February 2011. Christchurch can now look forward to a well planned, well executed programme of projects over the next five years designed to put the city successfully back on track.



The programme of works -- The Stronger Christchurch Infrastructure Rebuild – will repair the city's horizontal infrastructure (roads, water supply, storm water, and wastewater systems) and is being carried out by the Stronger Christchurch Infrastructure Rebuild Team (SCIRT). This is an alliance between [Christchurch City Council](#), Canterbury Earthquake Recovery Authority ([CERA](#)), New Zealand Transport Agency ([NZTA](#)), and the Delivery Teams [City Care](#), [Downer](#), [Fletcher Construction](#), [Fulton Hogan](#), and [MacDow](#) New Zealand.

Managing a Programme of many hundreds of projects required to reconstruct Christchurch's infrastructure and keeping all relevant parties informed will be a challenging task requiring dedication, skill and good project management. Asta Development is proud to be playing a part in this with SCIRT having selected **Asta Powerproject** as the programme management software to be used to manage the programme. It was selected primarily on its ease of use and because it has been used successfully on other major civil engineering projects in Australia.

*Duncan Gibb, Head of SCIRT says: 'The use of **Asta Powerproject** is going to be critical in the success of the rebuild. We were attracted by its ability to allow us to easily create project schedules and for us to have a one-stop view of what is going on and report this to our stakeholders and the residents of Christchurch.'*

The Asta software is also being used by each of the Delivery Teams to produce detailed project plans for their portion of the work.

Each of the Delivery Teams, [City Care](#), [Downer](#), [Fletcher Construction](#), [Fulton Hogan](#), and [MacDow](#) New Zealand, will create project schedules that will be integrated into the overall SCIRT programme, which will allow them to consider the levelling of sub contract resources available in Christchurch in assessing project prioritisation. SCIRT will also be drawing on the integration capability of **Asta Powerproject** so that the project data can be linked with finance systems to provide earned value data and business intelligence systems to provide reports for stakeholders.

The data will also be used to give residents of Christchurch a view of when work will take place in their street via a Geographic Information System (GIS).

Alliances such as this are a proven way to deliver the best results on major infrastructure projects, including bringing innovation and value for money. All organisations involved commit to working closely together to achieve the best outcome for the city.

SCIRT will be working closely with CERA, the Government agency set up to lead and coordinate the ongoing earthquake recovery, and Christchurch City Council, the owners of the city's horizontal infrastructure.

Paul Bamforth Managing Director of Asta Development plc says: "The scale of the devastation of Christchurch infrastructure is very humbling. The rebuild is going to throw up enormously complex logistical challenges, and I am pleased that we, through **Asta Powerproject**, can play our part when it comes to aiding the management of these challenges. This is clearly more than just a construction project and as has been widely reported, Christchurch, in many ways, is looking to build a new future and we are extremely proud we are playing a part in getting this shattered community back onto its feet."

Asta Powerproject Overview

Asta Powerproject is a project, portfolio and resource management software tool which is widely used both in the UK and internationally to manage projects of all types and sizes.

Launched in 1988, Asta Powerproject is well-proven as an easy-to-use, powerful professional project management system. It is used to manage all aspects of construction and engineering projects such as producing tender plans, delivering against the contract programme, reporting progress to clients and management, controlling costs and resources, mitigating against the risk of delay and disruption, and producing robust schedules that reflect exactly what happens on site.

Asta Powerproject is used by both small and large organisations including some of the world's largest construction and engineering companies. It is available as standalone software for individual users, networked software and as a multi-user system for managing complex projects where three or more planners need to work on the same project at the same time.

High profile projects where **Asta Powerproject** has been used include The London Eye, the Eden Project in the UK, the Space Shuttle, Schipol Airport in the Netherlands, Hong Kong Airport, Petronas Towers in Malaysia, Jumeirah Park, Dubai, Renewable Energy Projects in France, the Commonwealth Games Village in India; and the Reichstag in Berlin. It is also used on everyday projects such as housebuilding programmes, refurbishment, highways maintenance and commercial developments.