




IS Case Study - Torrens Road to River Torrens



Project Background

The Torrens Road to River Torrens (T2T) project includes a 3.7 kilometres upgrade of South Road incorporating a 1.4 kilometres long non-stop lowered road (8 metres below ground level) and aims to improve travel efficiency for north-south traffic through Adelaide’s metropolitan area. It also includes a rail overpass, improving pedestrian and cycling facilities and other intersection upgrades.

<p>\$896 million</p> <p>Capital Value</p>	<p>Road</p> <p>Infrastructure Type</p>	<p>South Australia</p> <p>Region</p>	<p>First planning registration for South Australia</p>
<p>Government of South Australia Department of Planning, Transport and Infrastructure (DPTI)</p> <p>Proponent</p>	<p>T2T Alliance— Leighton Contractors, York Civil, Aurecon</p> <p>Awarded Contractor</p>	<p>Incentivised framework in contract for sustainability performance</p>	<p>Increased stakeholder awareness and engagement on sustainability</p>
<p></p> <p>Registration Status</p>	<p>Complete</p> <p>Planning</p>	<p>Registered</p> <p>Design & As Built</p>	<p>-</p> <p>Operations</p>



Costs

- ISCA registration fees for support during the planning phase
- Staff costs associated with collating the DPTI's contribution to the IS rating and establishing a base case. During procurement this was generally undertaken on an as needs/part-time basis by the T2T Alliance's environmental resources who would also liaise with other DPTI teams (e.g. Community Engagement and Urban Design) to ensure that the IS rating requirements were included in planning activities and contract requirements
- External engineering cost estimating firm to develop the materials calculator and energy and water calculations for setting the base case footprints.
- Workshop/feedback session involving the tender teams and ISCA

Benefits

- Established an incentivised KRA to ensure that the commitment to a project IS rating assisted in driving sustainable thinking and planning during the procurement phase. It is anticipated that this will continue through to the design and construction phases of the project.
- Identified that based on the DPTI's master specification and works undertaken in the project's planning phase, before the project was registered with ISCA, that an Excellent IS rating score is highly possible. T2T Alliance's internal processes and other sustainability opportunities identified during the procurement phase are also expected to build on this baseline score.
- A large number of organisations and consultants in South Australia have been 'educated' in the IS rating scheme and sustainable thinking in general.
- Early indications are that the IS rating scheme can help drive outcomes that are beyond business as usual (subject to the DPTI's acceptance of possible changes to specifications).

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