



# Mandurah Estuary Bridge Duplication Sustainability Targets (Planning Phase)

## Who are ISC?

Since 2012, the Infrastructure Sustainability Council (ISC) has supported the infrastructure industry to drive best practice through the Infrastructure Sustainability Rating Tool (IS Rating Tool), a comprehensive rating system for assessing sustainability performance.\*

Main Roads has made a corporate commitment to have all projects valued at over \$100m registered to pursue an official IS Rating in the planning, design, and construction phases.

## What is the IS Rating Tool?

The IS Rating Tool is a method of incentivising the implementation of sustainability initiatives during Main Roads' major infrastructure projects.

This Tool allows Main Roads to enhance its business-as-usual approach to deliver positive environmental, economic, and social outcomes for projects across the state road network.

## What is Main Roads doing in this space on this project?

The Mandurah Estuary Bridge Duplication team has worked collaboratively to develop the following project vision:

*Connected, accessible and quality bridge and fishing platform that delivers a positive legacy by embracing local culture, improving habitat and amenity, and enhancing sense of place*

The project vision is supported by objectives and a number of targets that the team will work towards during the planning phase, to ensure it achieves good sustainable outcomes for local communities and broader Peel region.

The role of these targets is to help support key decision making, reduce risks and identify sustainable opportunities.

## What are our targets?

The targets for this phase of the project are:

Planning Targets of Mandurah Estuary Bridge Duplication Project	
Investigate and document at least five opportunities for enhancing or adding to the existing facilities and/or amenities within the project area	Develop a Cultural Context and Place Narrative document for use on the project that reflects the unique place histories and heritage, and describes the community's interaction with the site over time
Investigate and document at least three opportunities for enhancing the local terrestrial and/or estuarine environmental features within the project area	Investigate at least three solutions to pre-existing connectivity gaps or problems within the project area, ensuring no loss of existing passive recreation connectivity
Align planning of the new path network with the Department of Transport's Long Term Cycle Network plans and City of Mandurah infrastructure plans	Engage with identified local businesses early in planning of works to plan activities and identify 3 opportunities to minimise potential impacts the project may have on local businesses
Develop an Aboriginal Business Participation Strategy during the development phase	Identify at least three business/employment opportunities in conjunction with local businesses, organisations and/or community groups
Investigate two opportunities for reducing the embodied carbon within concrete for non-structural concrete items compared to the base case	Identify at least three energy use and carbon emissions reduction opportunities
Investigate and document at least three strategies for minimising noise impacts on marine fauna within or adjacent to the project area	Document and leverage lessons learnt from existing bridge maintenance to identify at least five opportunities to reduce MEBD maintenance

We are also developing targets for consideration during the Design, Construction and Operation phases of the Mandurah Estuary Bridge Duplication project.

## Further information

If you'd like to find out more about how we are working towards these targets, please contact Main Roads' [Customer Information Centre](#) on 138 138.

\*Source: [Infrastructure Sustainability Council \(iscouncil.org\)](http://iscouncil.org)