



# Mandurah Estuary Bridge Duplication Project



## Sustainability

### Our commitment

Sustainability is the commitment to creating lasting benefits through an integrated consideration of social, environmental and economic aspects in all that we do.

### Infrastructure Sustainability

Infrastructure sustainability is when infrastructure has been planned, designed, and constructed, and is operated to meet the needs of society without compromising the needs to future generations, while enhancing our environment and economy.

### Infrastructure Sustainability (IS) Ratings

#### “Design” and “As Built”

On the Mandurah Estuary Bridge Duplication (MEBD) Project we are seeking an Infrastructure Sustainability Council (ISC) Infrastructure Sustainability (IS) V2.1 Design and As Built Rating. This means we are embedding a high level of sustainable practice into all aspects of design and construction, based on industry-leading standards. These ratings aim for optimal environmental, social and economic outcomes within the design and delivery of the Project.

## Planning

To ensure the most positive outcomes are realised, sustainability needs to be considered early in the infrastructure life cycle.

Before construction works began on MEBD, Main Roads completed an ISC IS V2.0 Planning Rating. Sustainability targets for the planning phase can be found under Sustainability on our webpage..

This rating helps identify economic, social and environmental opportunities early in the project and results in the strongest sustainability outcomes. A Public Sustainability Report has been developed for the project during the planning phase.

### What is ISC and the IS Rating tool?

The Infrastructure Sustainability Council (ISC) is a member-based, not-for-profit peak body operating in Australia, New Zealand and globally with the purpose of ensuring all infrastructure delivers cultural, social, environmental and economic benefits.

Main Roads endeavours to have all projects valued at more than \$100m registered to pursue an official IS Rating in the planning, design and construction phases.

The IS Rating Scheme has been designed to help infrastructure deliver the best possible environmental, social and economic outcomes. Ratings are validated through an evidence-based assessment and independent verification which the scheme is designed to deliver. ISC then looks to promote leading practices to support broader shifts in the market.

## MEBD Sustainability Approach

### Sustainability Vision

This Vision was established by Main Roads during the planning phase, through a series of workshops and investigations on the most important issues of the Project to our stakeholders;

*"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."*

## Objectives and Targets

The Project's approach to sustainability is centred around six objectives:

- Protect, enhance and integrate the existing uses of the Estuary 'place'.
- Protect and enhance the local environmental features.
- Improve accessibility, capacity, connectivity and safety for all users.
- Maximise business and employment opportunities for local communities.
- Deliver a high-quality outcome that is socially and environmentally sustainable and responds to the context and character of the area.
- Deliver a durable, resilient, low maintenance bridge that delivers value for money across all project phases.

These objectives are designed to reflect the most important environmental, social and economic outcomes to be delivered during design and construction. The objectives are supported by a number of targets the team will work towards, to optimise environmental, social and economic outcomes for the community with the design and construction of the Project Works. These targets can be found under the Sustainability tab of the project webpage.

### Spotlight on the priority issues

We have identified the following as the priority (material) sustainability issues, with regard to significance of impact and importance to Project stakeholders:

- Culture, history and heritage
- Stakeholder engagement
- Accessibility and connectivity
- Noise and vibration
- Local business and employment opportunities
- Resilience and climate
- Wetlands
- Water quality
- Benthic habitats (in estuary vegetation)

For an update on how we are delivering within these areas, please refer to our Annual Sustainability Reports published on the project website The 2023/24 Annual Sustainability Report will be published in late 2024.

## Further information

The Mandurah Estuary Bridge Duplication project is delivering a second, two-lane bridge on the south side of the existing structure to provide additional traffic lanes. A new four-metre-wide shared path will also be built to help the local community better access recreational activities, including fishing. The \$136 million project is jointly funded by the Australian and Western Australian Governments.

To stay up to date with the latest project information, please visit [www.mainroads.wa.gov.au/mebd](http://www.mainroads.wa.gov.au/mebd) subscribe for project updates, contact our Customer Information Centre on 138 138 or [enquiries@mainroads.wa.gov.au](mailto:enquiries@mainroads.wa.gov.au)