



OCTOBER 2019

MORDIALLOC FREEWAY

Sustainable construction

We're building the Mordialloc Freeway to connect the Mornington Peninsula Freeway to the Dingley Bypass.

The Mordialloc Freeway will slash travel times and ease congestion in Melbourne's south east, providing a safer, more reliable journey.

The project will take 13,000 trucks off local roads, giving local roads back to local residents.

Creating sustainable communities

We'll have a positive impact on the community. We'll do this by:

- employing undergraduates, cadets and trainees to give them the opportunity to work on one of Melbourne's largest infrastructure projects
- working with local schools to give them an opportunity to learn about construction
- engaging with and empowering young women to consider studying engineering and related fields
- working with local businesses to create economic opportunities and generate local jobs.

Artist's impression at Old Dandenong Road



Using environmentally friendly materials

We've set targets to use environmentally friendly materials and to divert 50 percent of all construction waste from landfill.

We'll do this by:

- using materials that produce less energy during manufacture
- using cements that produce fewer greenhouse gases during manufacture
- using recycled crushed concrete in project storage areas and access tracks.

roadprojects.vic.gov.au

Authorised by the Victorian Government, 1 Treasury Place, Melbourne





Image above: construction work

What we'll do to reduce our energy use

We've set a target to substitute traditional energy sources with renewable energy sources by 20 percent. We'll do this by:

- using biodiesel light towers and generators
- using renewable energy (green power) for site offices
- using LED lighting.

We've also set a target to increase our energy efficiency and reduce the amount of greenhouse gas we generate by 15 percent. We'll do this by:

- reusing some excavated materials that we'd otherwise need to remove, to reduce the use of trucks
- using the most energy efficient equipment.

What we'll do to reduce our water use

We'll reduce our use of drinking water by using recycled water and have set a target to reduce our total water usage by 10 percent. We'll do this by:

- using alternatives such as mulch instead of water to reduce dust, where practical
- installing rainwater tanks at our site offices and using the water to flush toilets and in some construction activities
- using water efficient construction equipment.

Infrastructure Sustainability Council of Australia

We've signed up to the Infrastructure Sustainability Council of Australia's (ISCA) Infrastructure Sustainability rating tool to evaluate our performance across all aspects of the project's design, construction and operation.

The Infrastructure Sustainability rating encourages innovative solutions to help inform future project design.

We've set ourselves a goal to achieve a rating of 'Excellent' using the ISCA tool.

Being accountable for what we do

We've developed an Environmental Management Framework (EMF) which includes approved Environmental Performance Requirements (EPRs) to minimise impacts. These describe the sustainability outcomes we're required to achieve during the design, construction and operation of the Freeway.

Information on our EPRs can be found in our Environmental Management Framework and viewed at roadprojects.vic.gov.au/projects/mordialloc-freeway

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