

A photograph of a construction site under a blue sky with scattered white clouds. In the foreground, there are large piles of sand and gravel. Several pieces of heavy machinery are visible: two orange excavators with 'TREMEER' written on their arms, a yellow excavator, and a yellow wheel loader. A white truck with 'COASTAL' written on its side is partially visible on the right. In the background, there are green trees and a blue and white building.

Waste and Recycling Calculator

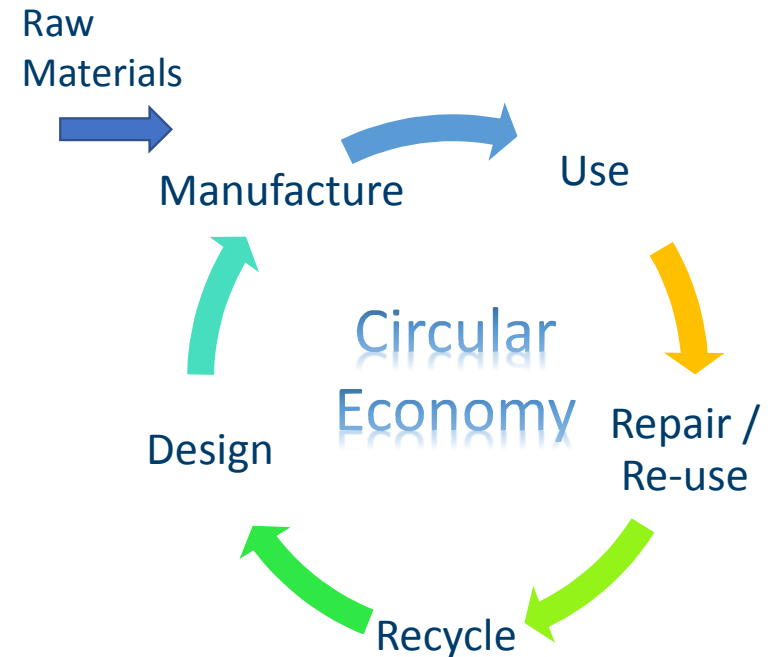
A circular economy tool for transport infrastructure projects

What is the Calculator?

The Waste and Recycling Calculator has been developed to assist projects with:

- Estimating the amount of waste a project will generate.
- Estimating the waste disposal levy charges attributed to the quantity of waste sent to landfill.
- Tracking actual waste quantities generated during a project
- Recording and reporting final volumes of waste quantities generated.
- Recording and reporting use of recycled materials on a project.

The calculator is applicable to infrastructure construction and maintenance projects.





The Estimate Calculator

- To generate a project waste estimate, the User opens the Input tab within the **Waste and Recycling Calculator**. All project related inputs are entered on this single tab.
- **Step 1:** Enter basic project information as prompted on the Input Tab.
- **Step 2:** Review the calculated estimate found on the Estimate-Output tab. Consider the project-specific bills of quantity and scope of works and consider if the estimate should be adjusted. Consider waste management measures to avoid, reduce and reuse waste.
- **Step 3:** Once the waste estimate has been reviewed, incorporate the waste estimate and costs into the design report and submit the Waste and Recycling Calculator to:
projectwasteregister@tmr.qld.gov.au



Project Waste Reporting

- Construction and maintenance contracts applying technical specification MRTS 51 Environmental Management are required to provide a report of actual quantities of waste generated, reused, recycled and land-filled for a contract.
- Construction and maintenance contractors must submit a completed ***Waste and Recycling Calculator*** prior to Practical Completion of the contract.
- This data is required to be collated state-wide and reported under the requirements of the *Waste Reduction and Recycling Act 2011*

Project Waste Reporting

Here are some helpful steps to completing the actuals section of the Waste and Recycling Calculator:

- **Step 1:** Select "actuals" in the first entry field on the Input tab. Provide the background information about the project in the Input tab.
- **Step 2:** Complete the **Actual Waste Quantities** table on the Input tab.
- **Step 3.** Complete the **Recycled Materials Quantities** table on the 'Input Tab' to record recycled materials utilised on the project.
- **Step 4:** Prior to Practical Completion, submit the Waste and Recycling Calculator to: projectwasteregister@tmr.qld.gov.au with cc to the Contract Administrator or TMR Project Manager.

NOTE: Projects applying Infrastructure Sustainability Council of Australia Ratings can utilise the tool to track monthly waste volumes.



For further information

For further information please contact

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Thank you and stay connected



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<https://www.tmr.qld.gov.au/business-industry/Technical-standards-publications/Project-waste-reporting>

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