

Resource Efficiency Policy for Infrastructure Delivery & Maintenance

V1.1 February 2022¹

The Resource Efficiency Policy for Infrastructure Delivery & Maintenance requires the following:

Waka Kotahi infrastructure improvement projects

All Waka Kotahi infrastructure improvement projects shall as a minimum and in accordance with P48: *Specification for resource efficiency for infrastructure delivery* and the *Resource efficiency guideline for infrastructure delivery and maintenance*:

- **Evaluate opportunities for resource efficiency during the early business case phases and at subsequent project stages.**

This evaluation shall be aligned with the business case and project lifecycle requirements of Z/19 Taumata Taiao – Environmental and Sustainability Standard.

- **Develop a resource efficiency and waste minimisation plan (REWMP).**

This REWMP shall outline actions that will be taken to reduce energy and greenhouse gas emissions, increase uptake of recycled and alternative materials, reduce use of virgin and high carbon intensity materials, reduce water consumption and reduce waste. This may be incorporated into a broader environmental management plan for the project.

- **Report on energy use, material use, carbon footprint, water consumption² and waste, if the project is of 12-months duration or longer.**

This information shall be provided to Waka Kotahi on an agreed basis, but at least annually during the implementation phase of the project.

If a project is required to complete ISC certification then reporting will follow the requirements for embodied carbon (materials), energy, water and waste in accordance with P49: *Sustainability rating scheme application during tender and delivery of capital works projects*.

- All projects with capital value >\$15 million shall also set targets for resource efficiency in accordance with P48: *Specification for resource efficiency for infrastructure delivery* and the *Resource efficiency guideline*.
- Work with the procurement team and wider project team to ensure the 'Environmental and Sustainability' Target Outcome Area of the Broader Outcomes Strategy aligns with, and/or complements the resource efficiency outcomes pursued as a secondary benefit on any project.

Other projects

Other projects that have been allocated funding from the National Land Transport Fund shall also consider resource efficiency opportunities in accordance with the *Resource efficiency guideline*.

¹ Minor edits to v1 (July 2021) to align with the *Resource efficiency guideline*.

² Where water consumption is a regionally significant issue.

Waka Kotahi maintenance contracts

All maintenance contracts shall as a minimum:

- Develop an REWMP as part of their environmental management plan to identify and implement opportunities to reduce energy and greenhouse gas emissions, increase uptake of recycled and alternative materials, reduce use of virgin and high carbon intensity materials, reduce water consumption and reduce waste.

The REWMP shall be developed in accordance with the *Guideline for preparing an environmental management plan* and the *Resource efficiency guideline*.

- Report to Waka Kotahi, at least annually, on energy use, material use, carbon footprint, water consumption and waste in accordance with the *Resource efficiency guideline*.
- Include at least one resource efficiency initiative within their environmental KPIs.
- Work with the Procurement team and wider project team to ensure the 'Environmental and Sustainability' Target Outcome Area of the Broader Outcomes Strategy aligns with, and/or complements the resource efficiency outcomes pursued as a secondary benefit on any project.