

Title	Interpret and present data on resource efficiency		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to interpret data for resource efficiency initiatives and present the interpretation of resource efficiency data.
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Classification	Zero Waste > Resource Efficiency
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Available grade	Achieved
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Guidance Information

- 1 Range
Interpretation of general data to provide a baseline for evaluating resource use prior to deeper analysis; and excludes regression analyses and cumulative sum.
- 2 Definition
Organisation refers to an entire business entity in the private or public sector or a business unit within the organisation.

Outcomes and performance criteria

Outcome 1

Interpret data for resource efficiency initiatives.

Range evidence may relate to one or more organisations.

Performance criteria

- 1.1 Data from different sources is interpreted to provide key performance indicators for resource efficiency initiatives.

Range one of – spreadsheet, hard copy, website.
- 1.2 Any exceptions and inconsistencies in resource use are explained to maintain the integrity of the interpretation.
- 1.3 Quality control data is interpreted to establish averages and general trends.

Range one of – over a year, within a year, between years.

- 1.4 The interpretation identifies variability in resource use and links it to output.
- Range variability may be determined by interpolation, extrapolation, or estimation of data.
- 1.5 Data is sorted and categorised to establish priorities for implementing change to be established.
- Range data relating to least two of – waste, water, energy, emissions to air, raw materials.
- 1.6 Key measurements are compared at regular time intervals to provide meaningful information for decision-making.
- Range three of – hourly, diurnal, daily, weekly, monthly, seasonal, annual.
- 1.7 Data is interpreted to establish costs of resource use.
- Range data relating to at least two of – energy, waste, water, emissions to air, raw materials.
- 1.8 The data is converted to formats that are relevant to the target audience and the type of presentation to be given.
- Range four of – text, graph, diagram, table, pie chart, poster, data show, written report.

Outcome 2

Present the interpretation of resource efficiency data.

Performance criteria

- 2.1 The presentation uses language relevant to the target audience.
- Range may include but is not limited to – explanation of resource efficiency terminology.
- 2.2 The presentation targets the resource efficiency priorities agreed with the organisation and is consistent with the collected data.
- 2.3 The presentation summarises key findings and provides sufficient detail for the organisation to make informed decisions to implement resource efficiency initiatives or to seek specialist information on aspects of resource use.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	17 June 2011	31 December 2015
Revision	2	21 November 2013	N/A
Rollover	3	28 June 2018	N/A

Consent and Moderation Requirements (CMR) reference

0014

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.