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## OECD sustainable manufacturing indicators

### Overview

Indicators are a well-established means of defining, tracking and improving performance. Most businesses use familiar indicators nearly every day to track sales, costs, employee performance and customer satisfaction, to name but a few. This Toolkit introduces and provides advice on **18 of the most important and commonly applicable quantitative indicators** for environmental performance that will help evaluate and drive performance at your facilities. These indicators will mainly assist internal management and decision-making and can be used for all types of manufacturing.

### Overview of the OECD Sustainable Manufacturing Indicators



Inputs



Operations



Products

	<b>O1</b> Water intensity	<b>P1</b> Recycled/reused content
	<b>O2</b> Energy intensity	<b>P2</b> Recyclability
	<b>O3</b> Renewable proportion of energy	<b>P3</b> Renewable materials content
	<b>O4</b> Greenhouse gas intensity	<b>P4</b> Non-renewable materials intensity
<b>I1</b> Non-renewable materials intensity	<b>O5</b> Residuals intensity	<b>P5</b> Restricted substances content
<b>I2</b> Restricted substances intensity	<b>O6</b> Air releases intensity	<b>P6</b> Energy consumption intensity
<b>I3</b> Recycled/reused content	<b>O7</b> Water releases intensity	<b>P7</b> Greenhouse gas emissions intensity
	<b>O8</b> Proportion of natural land	

*Note:* Indicators O1, O2 and O4 can be extended to measure the impact associated with your supply chain as well as your facility: namely, water and energy consumed and greenhouse gas emissions caused during the production of inputs.

These indicators have been developed to help measure the environmental impact relating to the production activities of a **single facility** in your business (e.g. site, factory, office) as a starting point for sustainable manufacturing. However, you can also monitor and evaluate the performance at the overall organisational level by aggregating the data obtained to calculate the indicators.

## Explaining Indicators

Click below links to see the calculation and guidance of each indicator:

### Inputs

[11. Non-renewable materials intensity](#)

[12. Restricted substances intensity](#)

[13. Recycled/reused content](#)

### Operations

[O1. Water intensity](#)

[O2. Energy intensity](#)

[O3. Renewable proportion of energy](#)

[O4. Greenhouse gas intensity](#)

[O5. Residuals intensity](#)

[O6. Air releases intensity](#)

[O7. Water releases intensity](#)

[O8. Proportion of natural land](#)

## Products

[P1. Recycled/reused content](#)

[P2. Recyclability](#)

[P3. Renewable materials content](#)

[P4. Non-renewable materials intensity](#)

[P5. Restricted substances content](#)

[P6. Energy consumption intensity](#)

[P7. Greenhouse gas emissions intensity](#)