



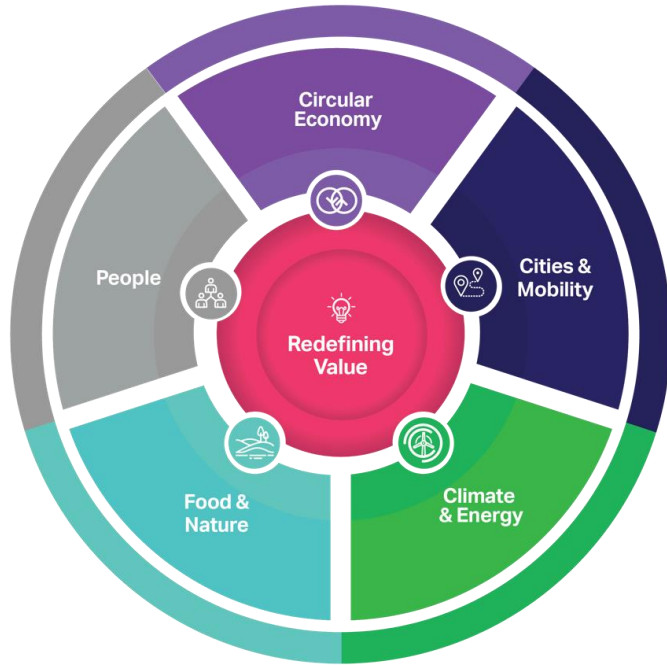
Circular Transition Indicators

Metrics for business, by business

*Medir para avanzar hacia una organización más circular/
Measure to evolve towards more circular organizations*

10 November 2020

World Business Council for Sustainable Development



Circular
Economy
Program



Circular Metrics Project

Working group



Advisory group



Objective

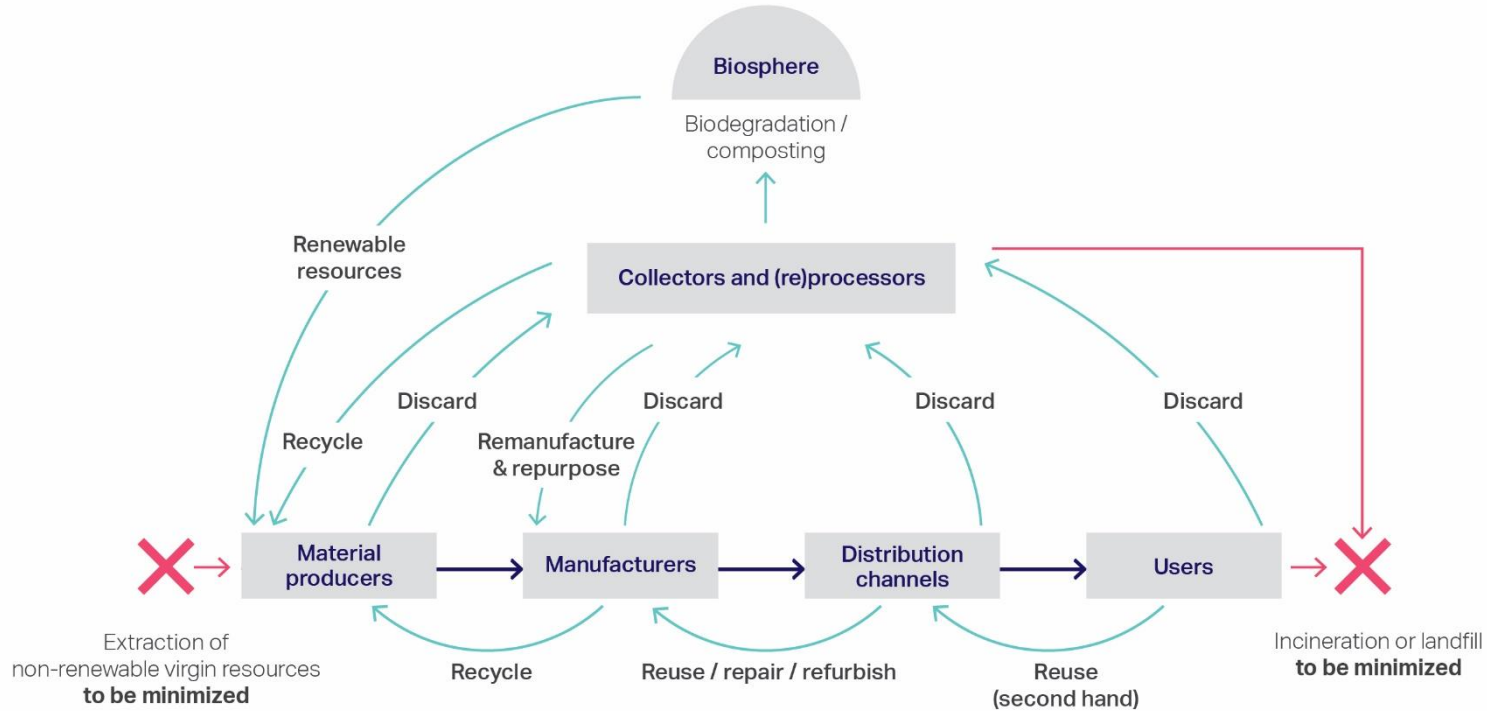
Provide insight in circularity **on a company level** to drive the transition towards a circular economy by **encouraging** businesses to adopt innovative **circular business models** that improve company **longevity** and **resilience**.

Key principles

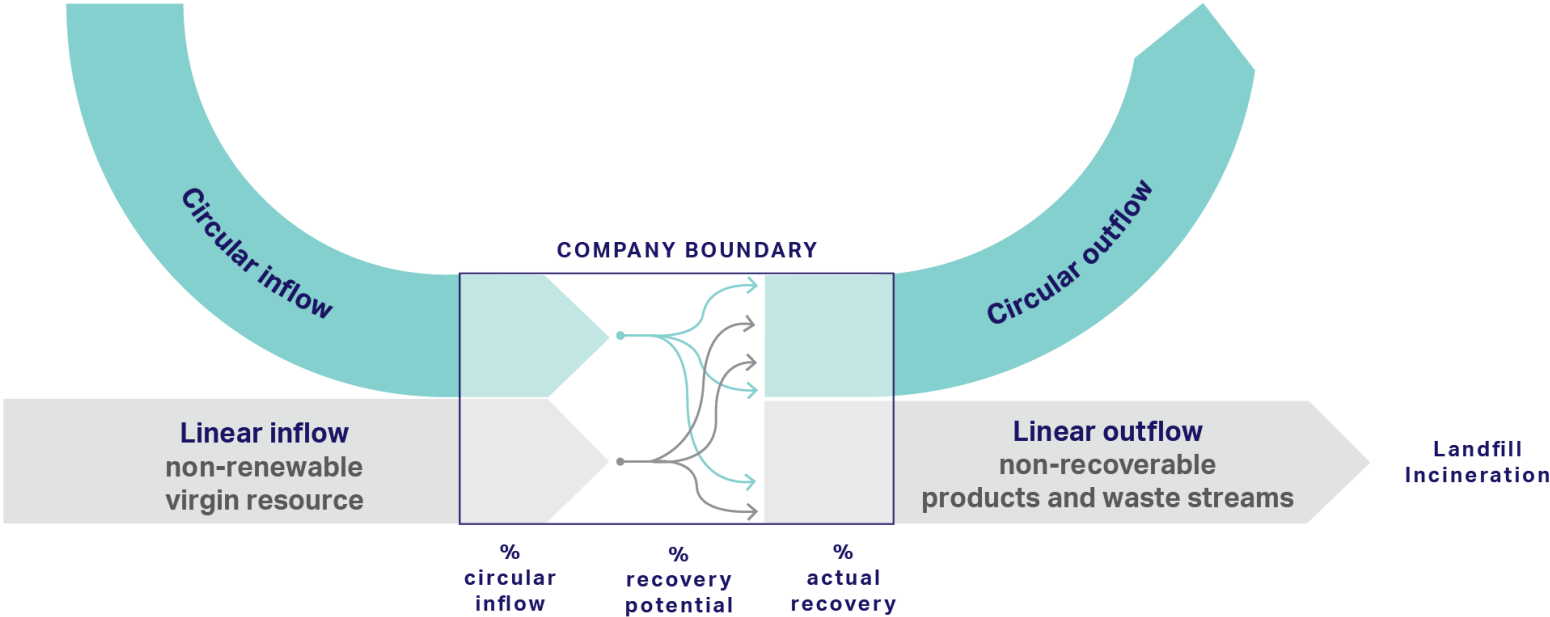
Simple
Consistent
Complete
Complementary
Neutral

CTI Methodology and process

Circular Transition **A value chain effort**



Circular Transition Indicators **Methodology logic**



Circular Transition **Indicator modules**

Close the loop

- % circular inflow
- % circular outflow
- % water circularity
- % renewable energy

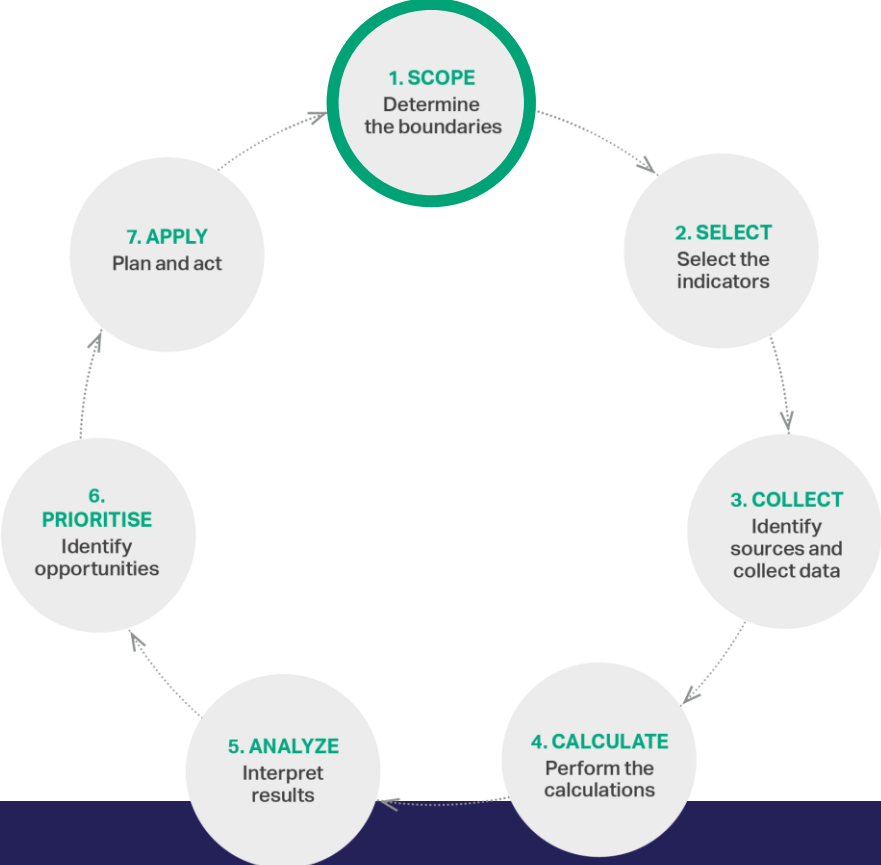
Optimize the loop

- % critical material
- % recovery type

Value the loop

- Circular material productivity

Circular Transition Indicators **Process guidance**



Indicator calculations

Indicators **Circular performance**

Close

Optimize

Value

Circularity

company/business unit/production facility

% circular inflow total

$$\begin{aligned} & (\% \text{ circularity inflow A} * \text{mass A}) \\ & + (\% \text{ circularity inflow B} * \text{mass B}) \\ & + (\% \text{ circularity inflow C} * \text{mass C}) \\ & \text{total mass A+B+C} \end{aligned}$$

% circular outflow total

$$\begin{aligned} & (\% \text{ circularity outflow D} * \text{mass D}) \\ & + (\% \text{ circularity outflow E} * \text{mass E}) \\ & + (\% \text{ circularity outflow F} * \text{mass F}) \\ & \text{total mass D+E+F} \end{aligned}$$

company/business unit/facility level

product/component/material level

% circularity inflow X

% renewable
or
% non-virgin content

% circularity outflow X

% recovery potential X * % actual recovery X

% recovery potential X

YES - full potential => 100%
NO - no potential => 0%
some potential => X %
or % biodegradable

% actual recovery X

standard recovery rates
or regional or recovery rates
or manual recovery rate + justification



Thank you for joining!

For more information

www.wbcd.org/Circular-Transition-Indicators

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