

Zero Waste Live!

11 May 2021 - 02.00 p.m. CEST



ARE WE GETTING CLOSER TO A CIRCULAR ECONOMY IN EUROPE?



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at Circle Economy

MIND THE CIRCULARITY GAP

HOW CIRCULAR IS THE WORLD TODAY?
The Circularity Gap Report 2021

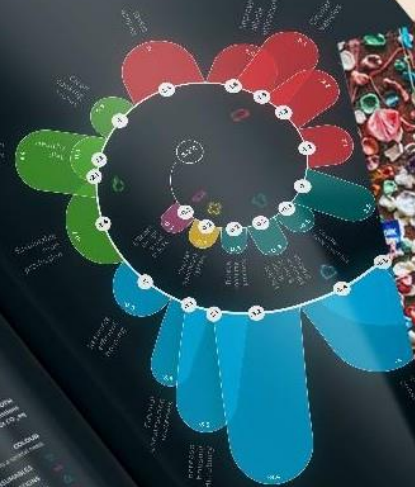
Caspar von Daniels | Circle Economy | May 2021

THE SOLUTION SPACE SUMMARIZED

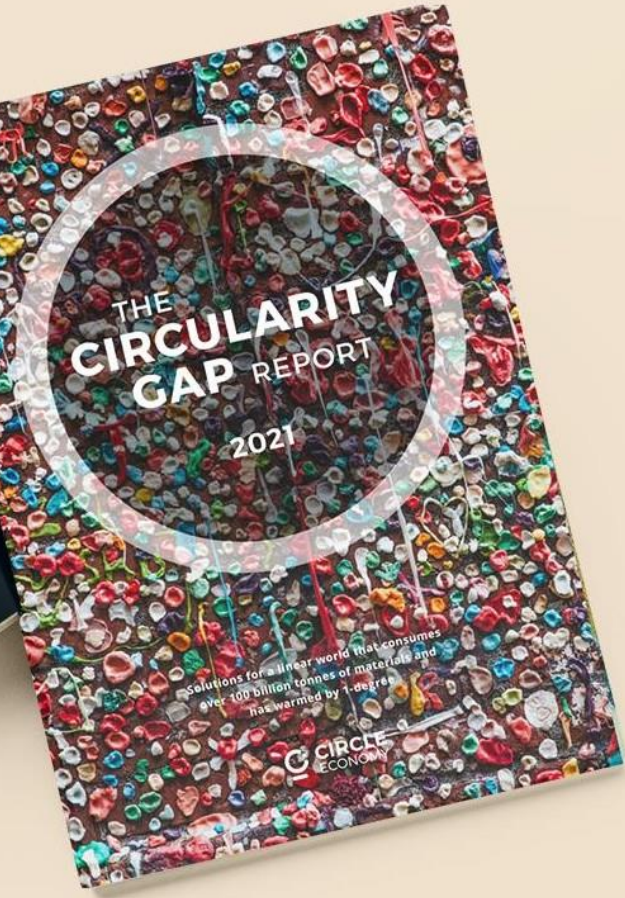
People have created nearly 1000 solutions for closing the circularity gap. These solutions are organized into 10 categories based on their primary focus: 1. Reduce emissions, 2. Increase resource efficiency, 3. Increase circularity, 4. Increase resilience, 5. Increase social and economic benefits, 6. Increase innovation, 7. Increase policy and regulatory support, 8. Increase consumer awareness, 9. Increase business model innovation, 10. Increase system-level change.

The figure shows the clear difference in the solutions with material reduction versus those without. The solutions with material reduction are more likely to be implemented, and they are more likely to be implemented in a timely manner. This is because the solutions with material reduction are more likely to be implemented in a timely manner. This is because the solutions with material reduction are more likely to be implemented in a timely manner. This is because the solutions with material reduction are more likely to be implemented in a timely manner.

INTERVENTIONS VORTEX



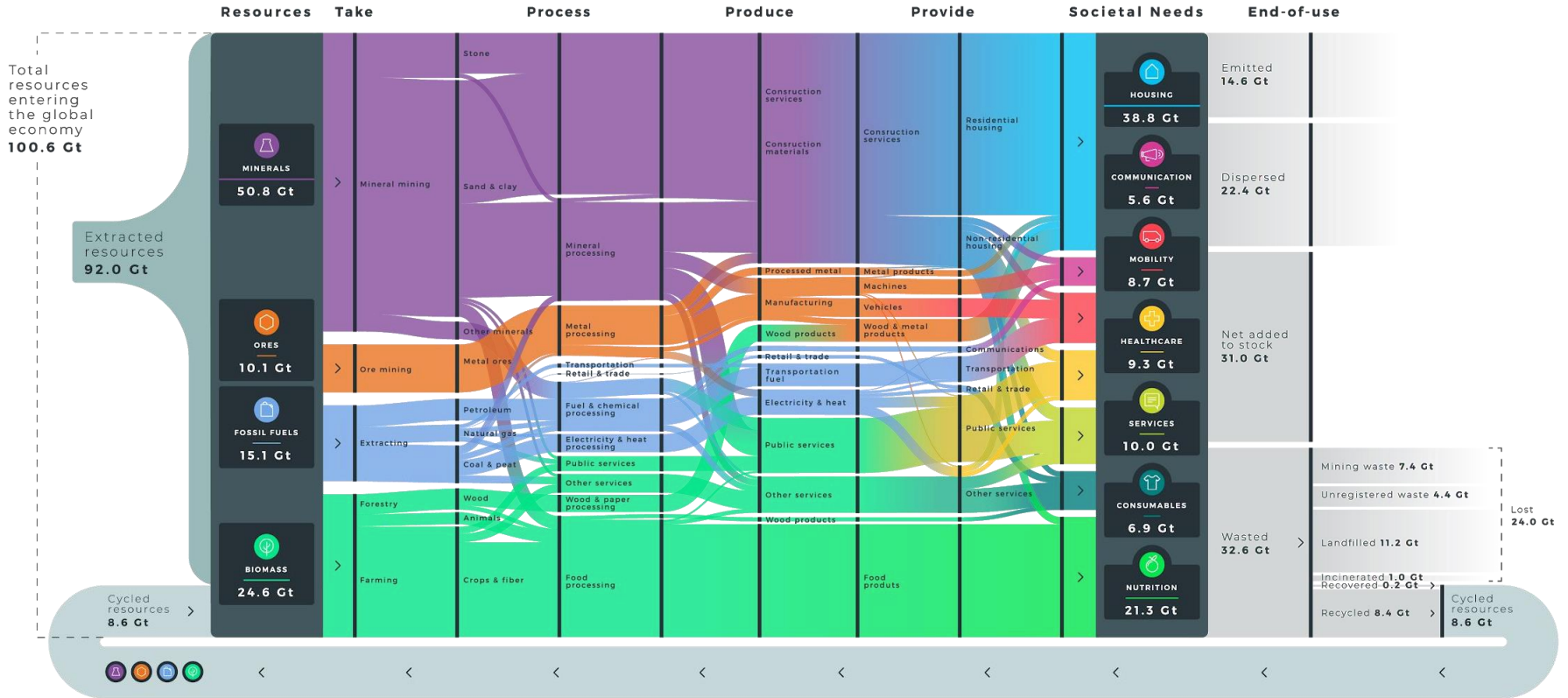
- 1. Reduce emissions
- 2. Increase resource efficiency
- 3. Increase circularity
- 4. Increase resilience
- 5. Increase social and economic benefits
- 6. Increase innovation
- 7. Increase policy and regulatory support
- 8. Increase consumer awareness
- 9. Increase business model innovation
- 10. Increase system-level change



8.6%

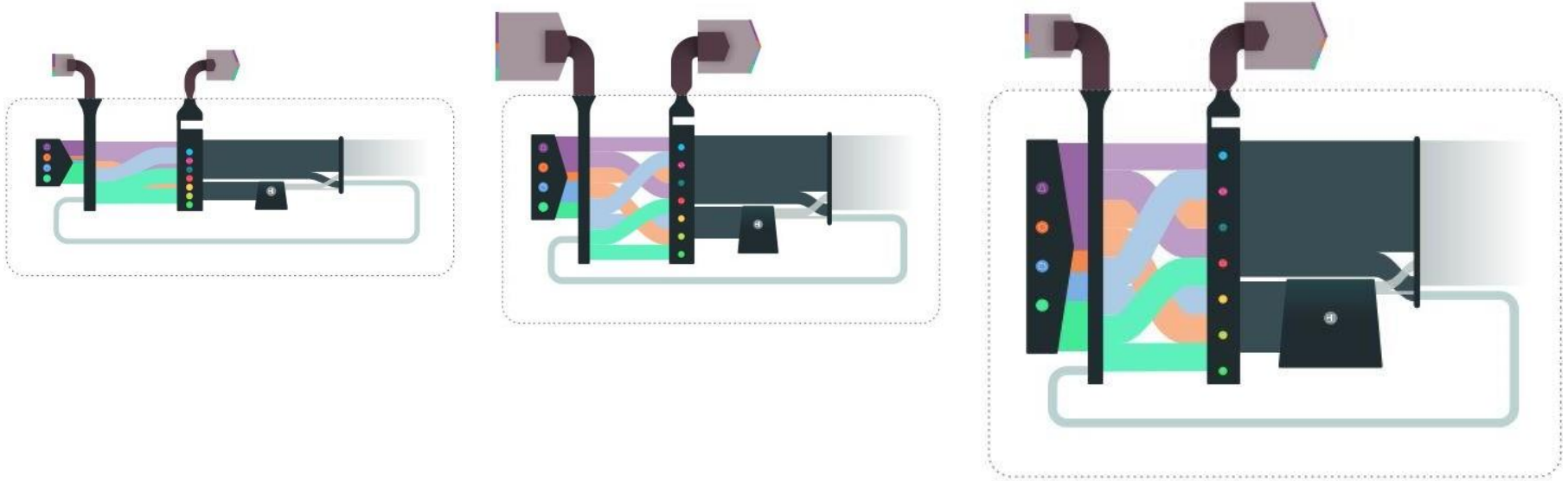
HOW CIRCULAR ARE WE TODAY?

An X-Ray of the Global Economy



THE MATERIAL METABOLISM OF COUNTRIES

Different countries have different metabolisms and therefore different pathways to Circularity



BUILD

SHIFT

GROW



WORLD
9%



AUSTRIA
11%



NETHERLANDS
24%

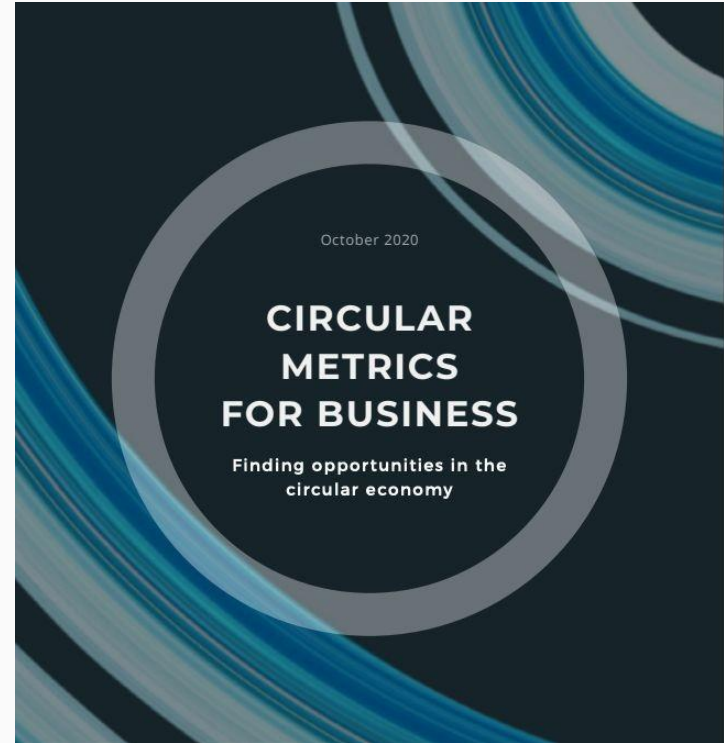
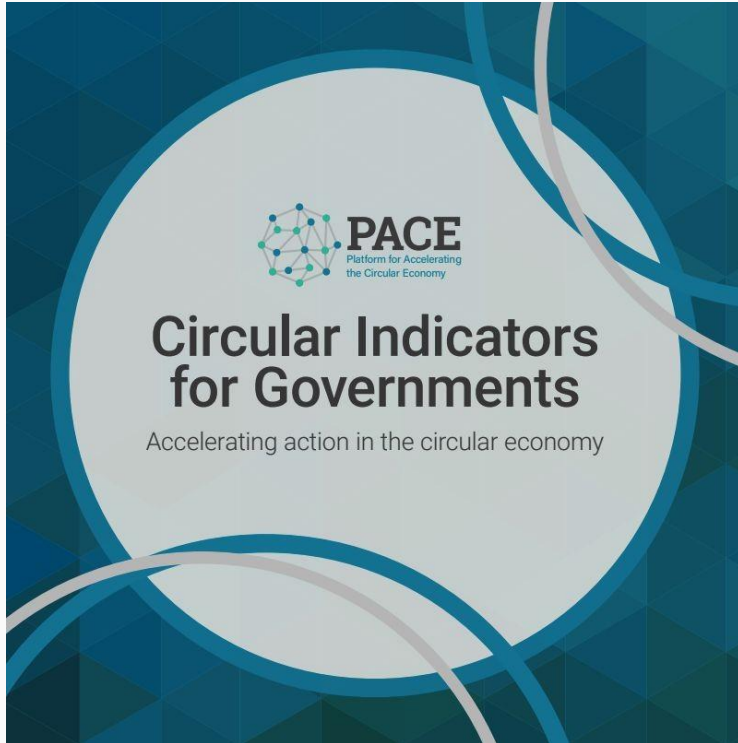


NORWAY
20%

..."HOW CIRCULAR IS YOUR ECONOMY?"

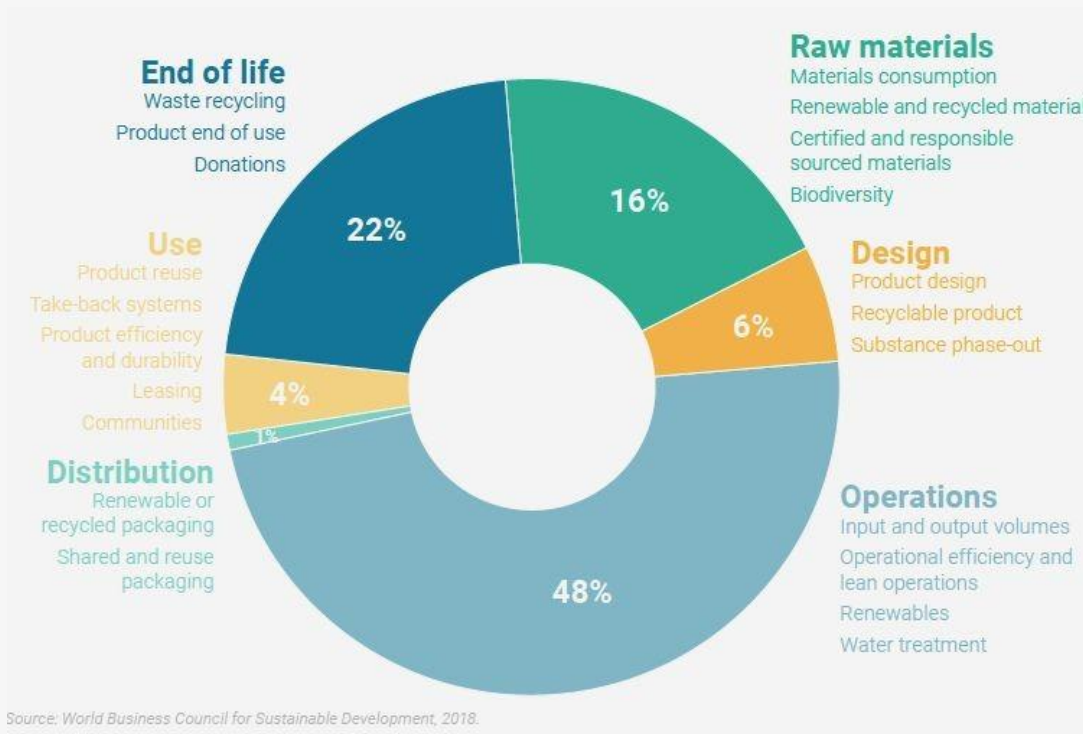
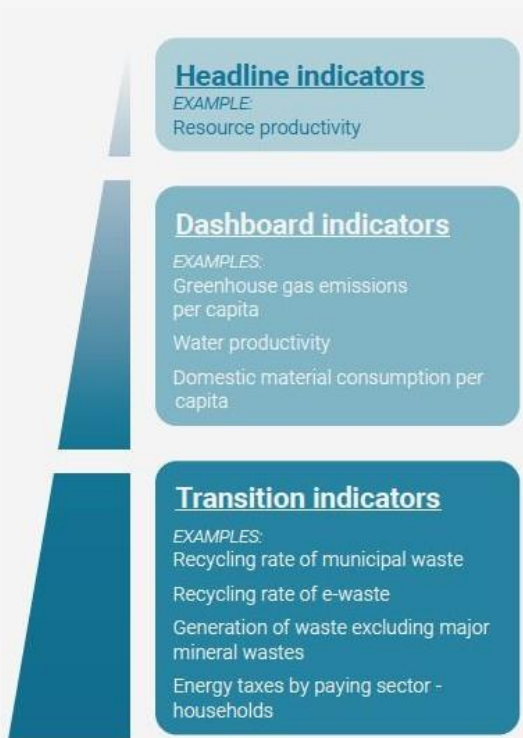
WE NEED DEEPER INSIGHT: CIRCULAR METRICS

Two publications provide insight into the evolving landscape around Circular Economy metrics



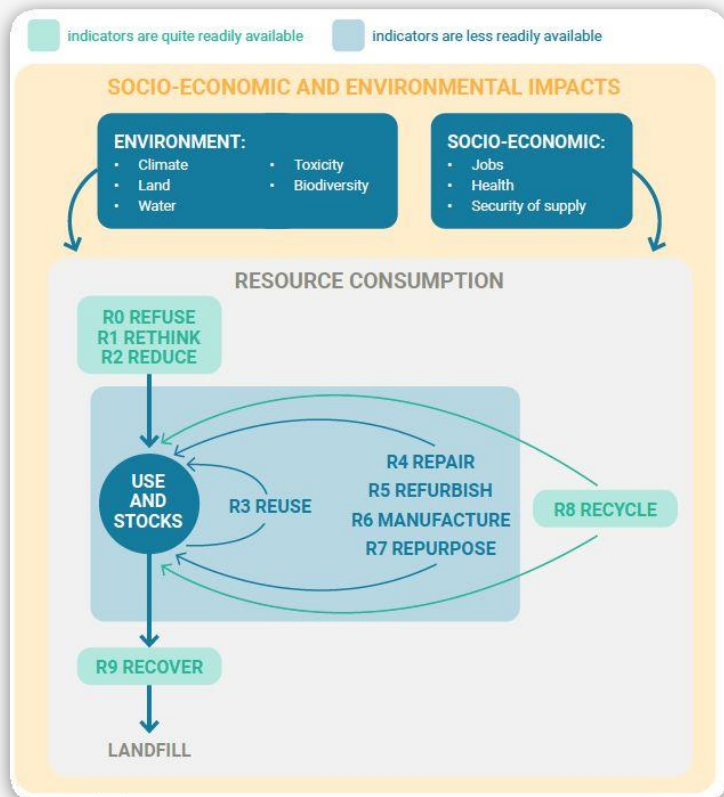
METRICS LANDSCAPE

What type of **metrics** are out there?



METRICS LANDSCAPE

Current coverage of metrics falls short of capturing the Circular Economy's effects on key impact goals



Impact Indicators

Use widely accepted frameworks (e.g. SBTs, SDGs)

Interface Methodology

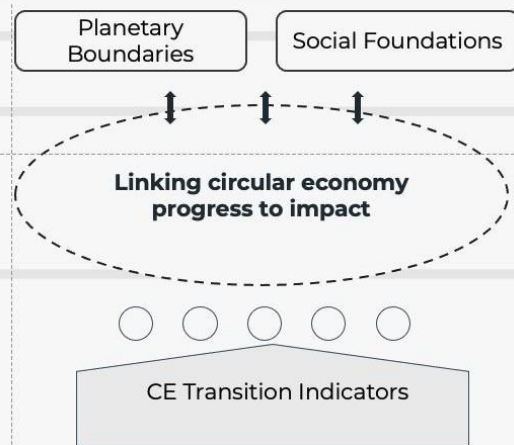
Social & environmental impact of circular economy

GAP - Develop methodology for interface indicators

Transition Indicators

Progress towards circular economy

HARMONIZE - Need to bring alignment of language and consistency among existing initiatives



CIRCULAR ECONOMY METRICS USED IN THE EU

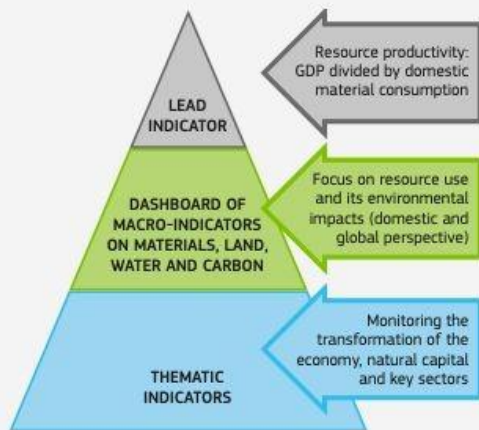


Monitoring framework for the Circular Economy



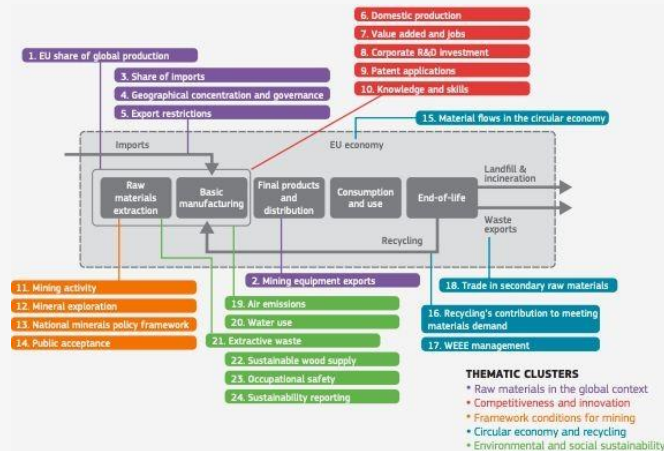
European Commission, 2018

Resources efficiency score board



European Commission, 2013

Raw materials score board



European Innovation Partnership (EIP), 2016



www.circularity-gap.world

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