



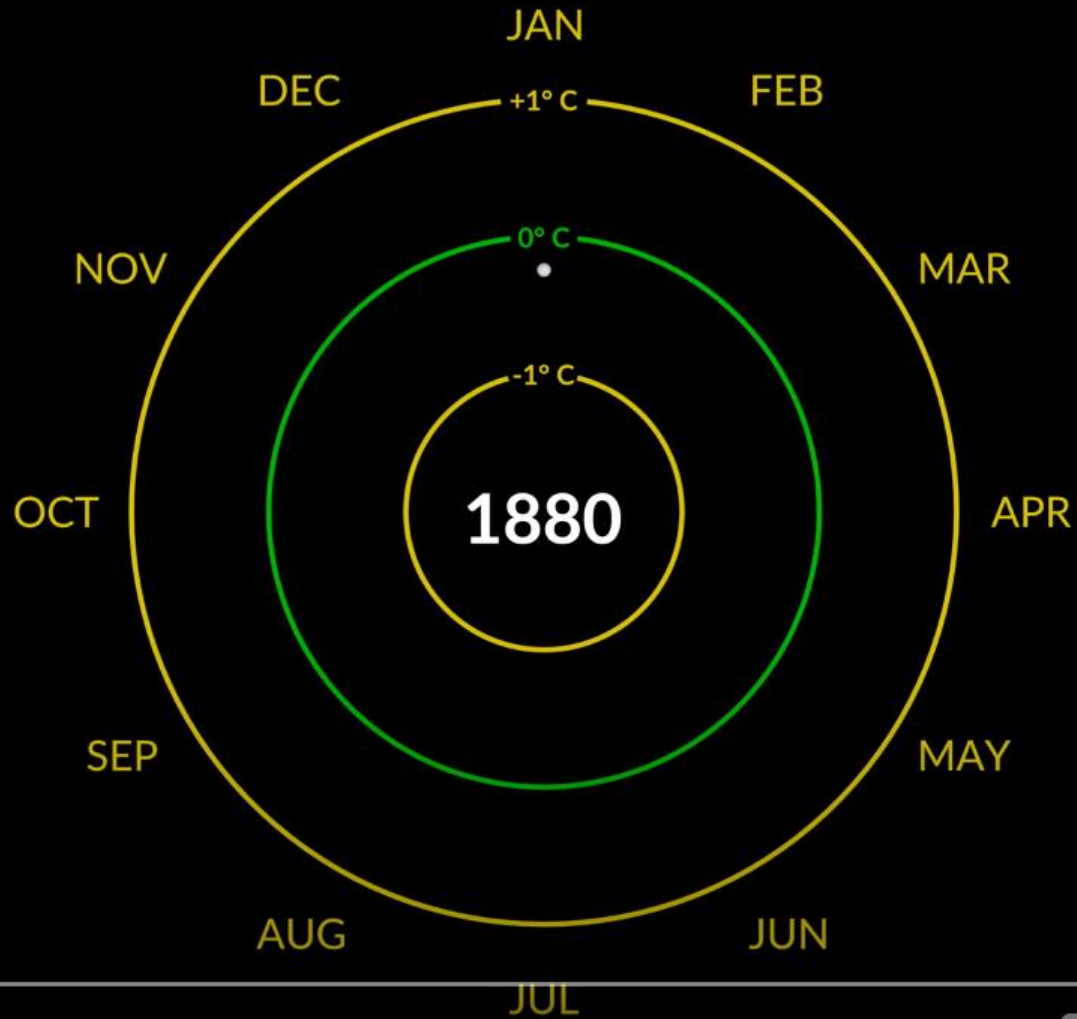
Innovative approach in Green transition in macro regions- workshop

The role of Circular Economy in achieving Green Deal goals

23. September 2022

Marjana Dermelj, Ministry of Public Administration



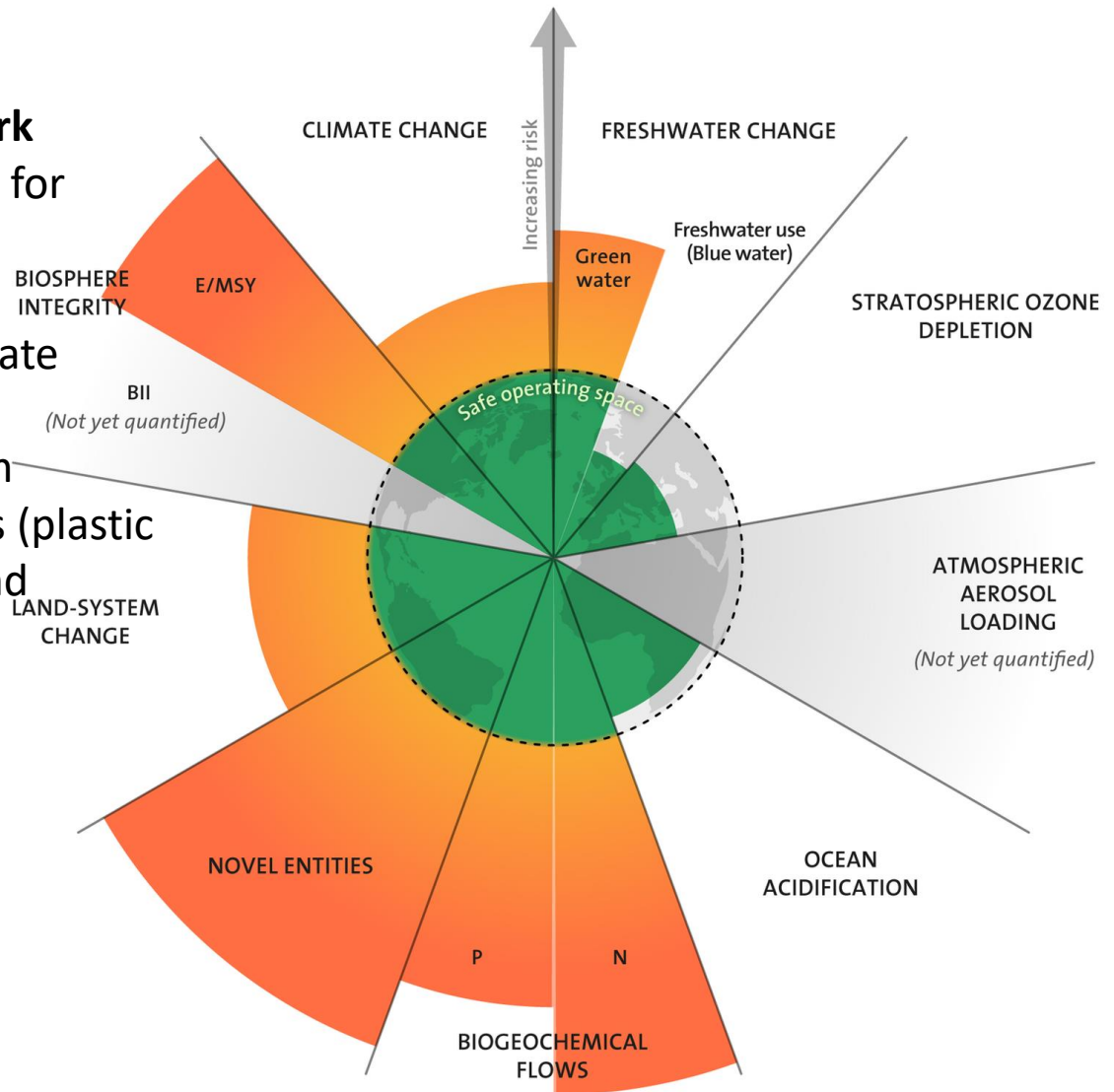


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The planetary boundary framework demarcates a safe operating space for humanity.

Transgressed boundaries are: climate change, biosphere integrity, biogeochemical cycles, land system change and, in 2022, novel entities (plastic and other manmade chemicals) and recently also water.



THE GREAT ACCELERATION

SOCIO-ECONOMIC TRENDS



EARTH SYSTEM TRENDS



REFERENCE: Steffen, W., Broadgate, L., Deutsch, O., Gaffney and C. Ludwig (2015), The Trajectory of the Anthropocene: the Great Acceleration, Submitted to *The Anthropocene Review*.

MAP & DESIGN: Félix Pharand-Deschênes / Globaïa



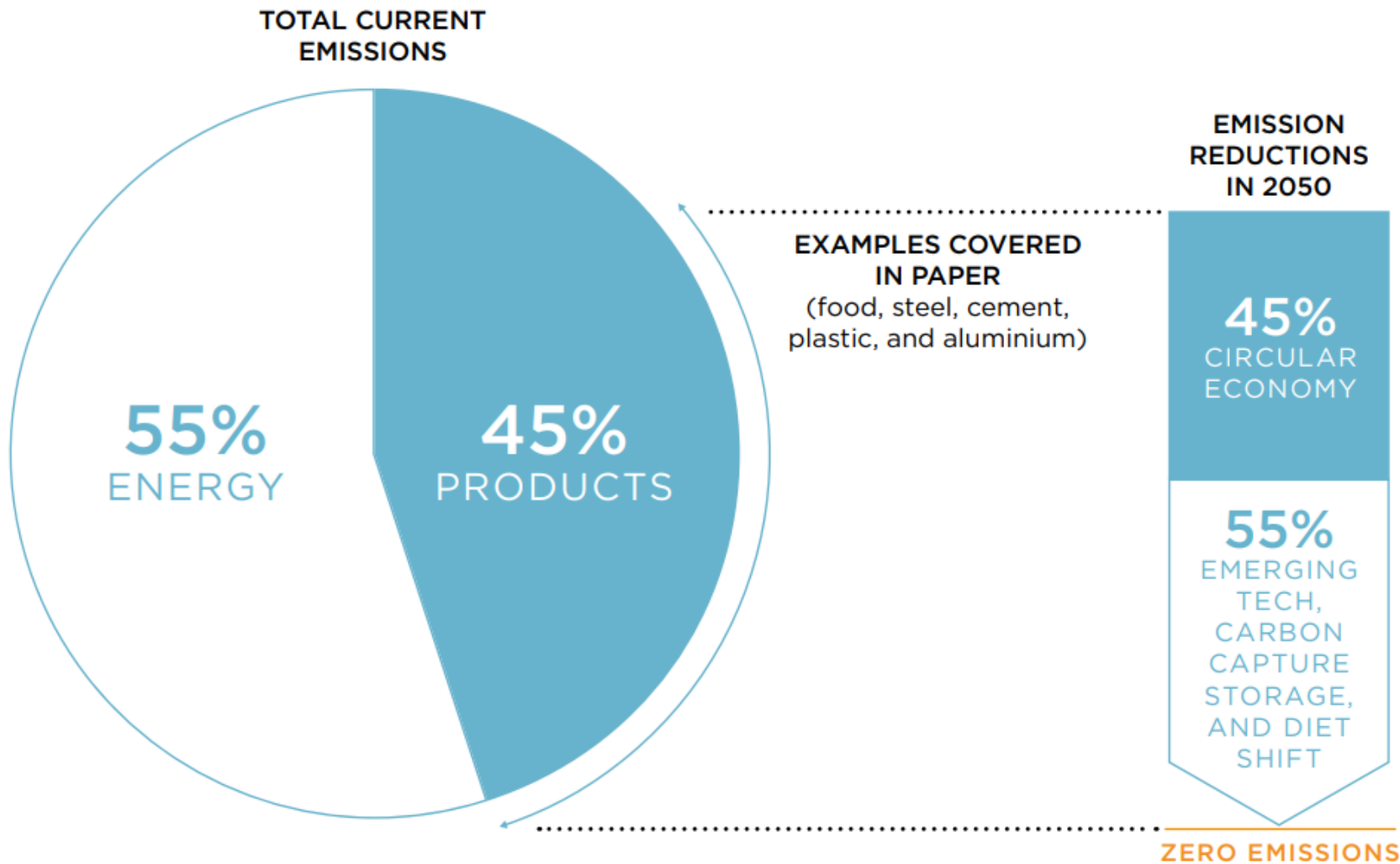
EU Green Deal (EGD)

Stems from the recognition that climate change and environmental degradation are an existential threat to Europe and the world. The aim is to ensure:

- no net emissions of greenhouse gases by 2050
- economic growth decoupled from resource use
- no person and no place left behind



COMPLETING THE PICTURE: TACKLING THE OVERLOOKED EMISSIONS

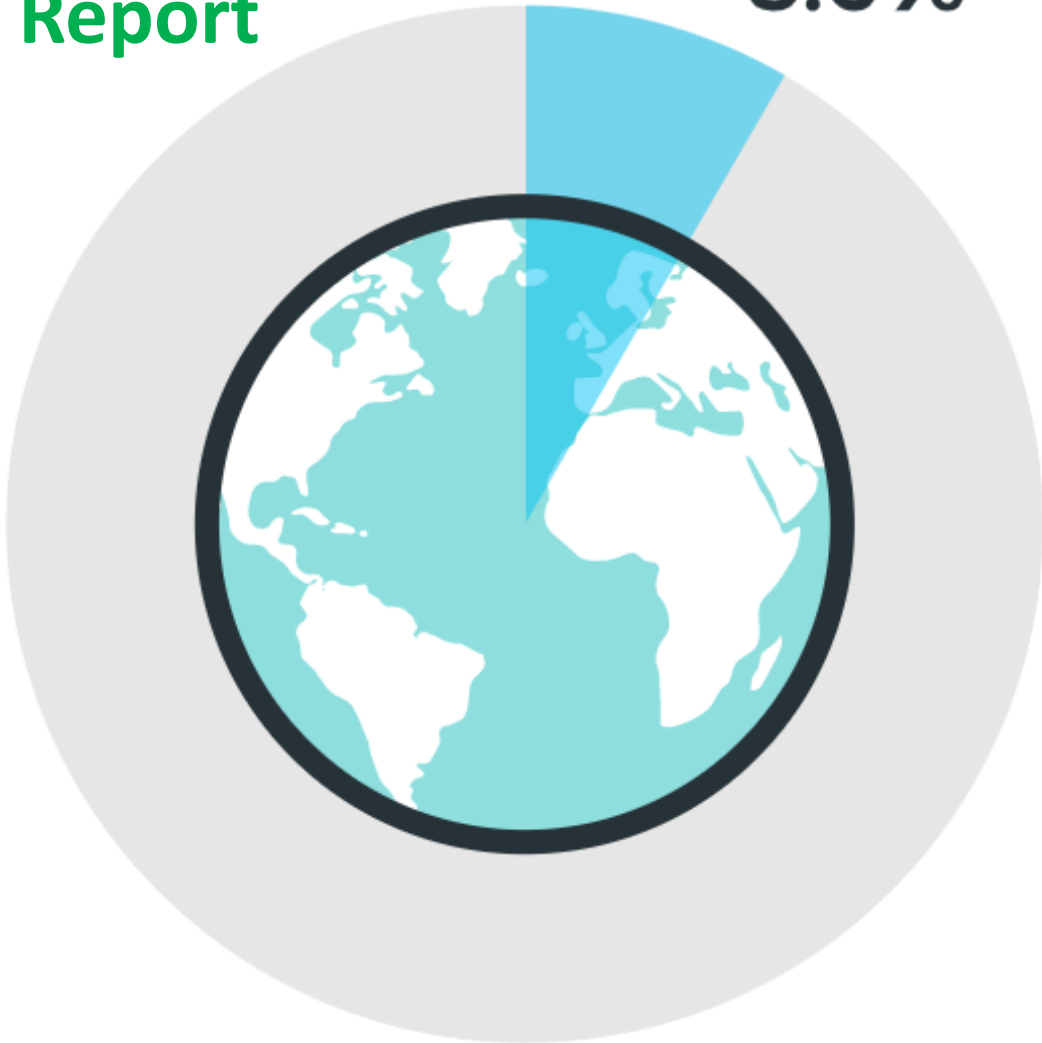


Source: Ellen MacArthur Foundation: Completing the Picture: How the Circular Economy Tackles Climate Change (2019)



2022 Circularity Gap Report

8.6%



Source: Circularity Gap Report 2022, <https://www.circularity-gap.world/2022>



Circular Economy in the context of EGD

- **Circular Economy Action Plan (2020) aims to:**
 - Increase the sustainability of products
 - Empower consumers and public buyers
 - Focus on most resource intensive sectors (electronics/ICT, batteries, vehicles, plastics, textiles, construction/buildings, food, water/nutrients)
 - Waste reduction
 - Circularity at regional/urban level
 - Mainstream CE globally
- **In March 2022 package of:**
 - Sustainable Products Initiative (incl. Ecodesign for Sustainable Products Regulation proposal)
 - EU strategy for sustainable and circular textile
 - Revised regulation for Construction products
 - Proposal for empowering consumers in the green transition



To resolve the climate crisis, innovation is essential. But not as we have been doing it.

We need innovation to catalyse **systemic change**.

Policy driven decision making...

...to trigger massive leaps in decarbonisation and resilience.

...across multiple levers of change

...acting simultaneously



Systems innovation in Slovenia: what it looks like on the ground

Centre for Smart and Circular Transition

Create circular communities



Circular schools



Circular learning & resources



Circular synergies

Foster circular development



Circular discovery process



Circular performance



SME circular innovation support

Circular policy design



Transitions policy lab



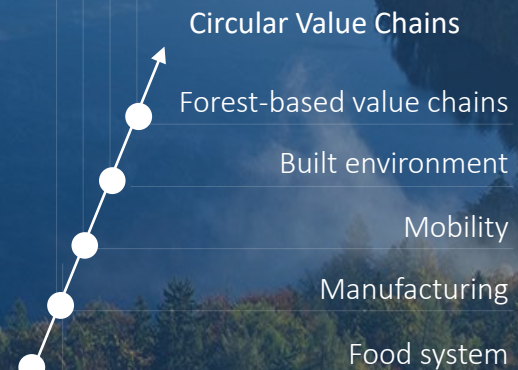
Circular procurement



Circular higher education



Transformation Capital for Circular Economy





Thank you

