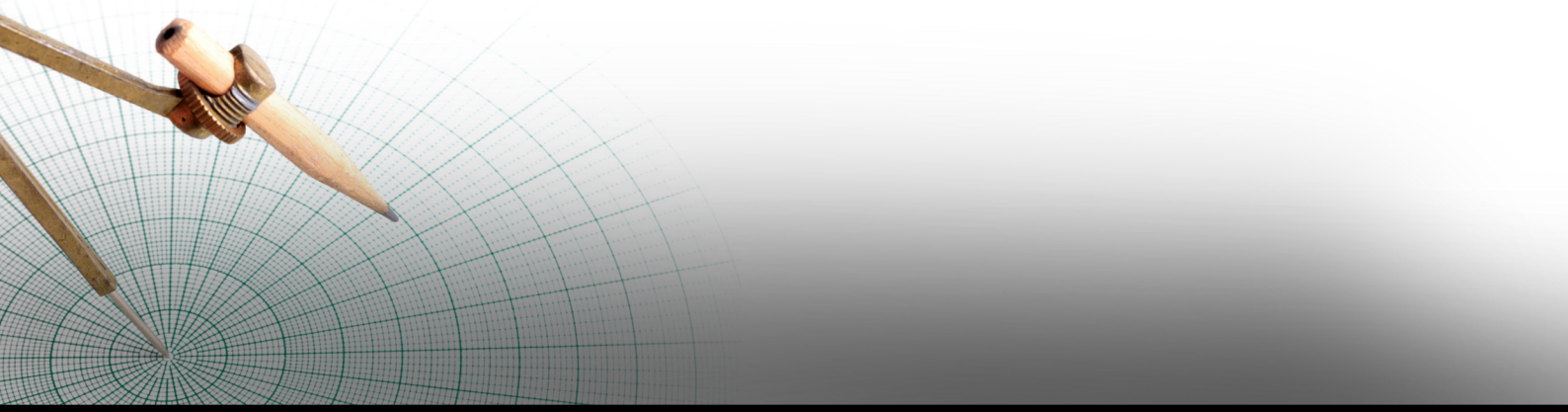

CIRCULARITY COMPASS

TARGET GROUP

- Product developer
- Supply chain manager
- Sustainability manager
- Business strategist

BENEFITS

- Visualization of Resource Flows
- Identifying Inefficiencies and Waste
- Supporting Circular Product Design
- Optimizing Supply Chains
- Aligning Sustainability Goals

DURATION

- Initial Workshop: 1 - 2 days
- Pilot Project: several weeks to 2-3 months
- Full Integration: Ongoing

Project link

Tool link

It is a practical tool that helps businesses understand and optimize their resource flows in order to promote a circular economy. It was developed as part of the European project “EIT Climate-KIC,” based on scientific research. Its goal is to assist businesses in shifting from the traditionally linear economic model, also known as “Take-Make-Dispose,” to a circular model focused on “Regenerate and Restore.”

The CradleALP project

Interreg Co-funded by the European Union
Alpine Space
Cradle-ALP

Fossil raw materials and toxic substances are widely used in production processes in the chemical, plastics, and forestry sectors. The Cradle-Alp project focusses on replacing chemical, fossil or unsustainable materials with more circular, sustainable and biodegradable ones.

"This project is co-funded bythe European Union through the Interreg Alpine Space programme."

Tool Implementation

01 Preparation & Assesment

- Define scope (product, unit, sector)
- Map current resource use, waste and hotspots
- Collect baseline data

02 Stakeholder Engagement

- Involve key functions and external actors
- Gather diverse input for system understanding
- Build internal alignment

03 Workshop & Brainstorming

- Map resource flows (Particles Parts→Products)
- Visualize inefficiencies and identify circular loops
- Generate design and business model ideas

04 Strategy Development

- Translate insights into actionable circular strategies
- Align with business goals and compliance needs
- Prioritize based on impact and feasibility

05 Pilot Testing

- Test selected initiatives in controlled settings
- Monitor outcomes and iterate based on feedback

06 Rollout & Continuous Improvement

- Scale successful pilots

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