

CIRCULAR INNOVATION *network*

In the framework of:

Interreg
CENTRAL EUROPE



Co-funded by
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SMART CIRCUIT

CIRCULAR INNOVATION *network*

The SMART CIRCUIT Task Forces were established to drive circular and digital innovation across key industrial value chains, including construction, textiles, ICT & electronics, and cross-sectoral solutions. By bringing together Digital Innovation Hubs, research organisations, and industry stakeholders, the Task Forces created a structured framework for collaboration, knowledge exchange, and joint service development.

TASK 4 FORCES

Through a series of transnational meetings and co-creation activities, partners worked closely to identify challenges, share best practices, and develop tailored service portfolios supporting SMEs in their transition towards circular and sustainable business models. This collaborative approach enabled the integration of digital technologies with circular economy principles, ensuring

that solutions are both innovative and applicable in real industrial environments. Beyond individual sectors, the Task Forces also promoted cross-sectoral learning and scalability, allowing successful approaches to be adapted and transferred across different industries and regions. As a result, they contributed to building a stronger, more connected innovation ecosystem in Central Europe, capable of accelerating the green and digital transition at both regional and transnational levels.

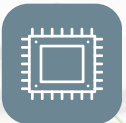
TASK FORCES



[Construction Task Force](#)



[Textile Task Force](#)



[Electronics Task Force](#)



[Cross-sectoral Task Force](#)

CONSTRUCTION TASK FORCE

The Construction Task Force focused on accelerating circular transformation in one of the most resource-intensive industries. It brought together innovation actors to explore how digital technologies and sustainable materials can improve efficiency across the construction value chain. Through collaboration, partners developed solutions supporting lifecycle thinking, waste reduction, and smarter resource use. The Task Force contributed to building more sustainable and resilient construction ecosystems across regions.

FOCUS

Circular construction, resource efficiency, lifecycle thinking

WHAT WE ACHIVED

The Construction Task Force developed solutions supporting sustainable building practices through digital tools and circular materials. It connected innovation actors to improve efficiency across the construction value chain.

IMPACT

- Improved resource efficiency in construction processes
- Stronger integration of digital tools in circular building solutions
- Cross-border collaboration in a high-impact sector

TEXTILE TASK FORCE

The Textile Task Force addressed the urgent need for more sustainable and circular textile systems. It connected stakeholders to explore solutions for eco-design, material reuse, and improved traceability. By integrating digital technologies, the Task Force supported the development of more transparent and efficient textile value chains. It helped drive the transition toward innovative and sustainable business models in the sector.

FOCUS

Eco-design, reuse, digital traceability

WHAT WE ACHIVED

The Textile Task Force explored new circular business models and supported the transition toward sustainable textile production. It focused on reducing waste and increasing transparency through digital solutions.

IMPACT

- Enhanced circular textile value chains
- Increased awareness of sustainable production models
- Strengthened cooperation between industry and innovation actors

ELECTRONICS TASK FORCE

The ICT & Electronics Task Force focused on enabling circular economy solutions through digital innovation. It explored how technologies such as AI, data analytics, and digital twins can support more efficient and sustainable processes. By combining digital and circular approaches, partners developed services that enhance decision-making and resource optimization. The Task Force strengthened the role of digital technologies as key enablers of the twin transition.

FOCUS

AI, data, digital twins, predictive maintenance

WHAT WE ACHIVED

This Task Force enabled the integration of digital technologies into circular economy solutions. It defined services supporting smarter, more efficient, and sustainable industrial processes.

IMPACT

- Digital tools supporting circular decision-making
- Increased efficiency through data-driven solutions
- Stronger role of DIHs in the twin transition

CROSS-SECTORAL TASK FORCE

The Cross-Sectoral Task Force connected all value chains and ensured alignment across the project. It focused on developing solutions that span the entire lifecycle, from design to end-of-life. By promoting knowledge transfer between sectors, it enabled the scaling and replication of successful approaches. The Task Force played a key role in building an integrated and collaborative circular innovation ecosystem.

FOCUS

Full value chain (design → production → reuse → end-of-life)

WHAT WE ACHIVED

The Cross-Sectoral Task Force ensured alignment across all sectors and enabled knowledge transfer between value chains. It created a unified approach to circular innovation services.

IMPACT

- Integrated circular innovation ecosystem
- Transferable solutions across sectors
- Scalable service portfolio for SMEs

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