



COST Action CA21103 – CircularB

Implementation of Circular Economy in the Built Environment



CircularB – 2nd Workshop “Creating Pathways for Circular Economy Implementation in the Built Environment” – Call for Contributions

Date: 25-27 June 2025

Location: Sarajevo (exact location to be confirmed)

Organized by: COST Action CircularB

Attendance: Internal Workshop – Exclusively for CircularB Members

Introduction

CircularB is organizing its 2nd Workshop, titled “Creating Pathways for Circular Economy Implementation in the Built Environment”. This internal event, exclusively for CircularB members, provides a focused platform to evaluate ongoing research, share insights, and strengthen collaboration within the network.

Building on CircularB’s 1st Workshop and Midterm Conference, this event is strategically designed to accelerate the achievement of the deliverables of the Action. It will enhance multidisciplinary dialogue and thematic sub-group collaboration, directly contributing to the following upcoming CircularB deliverables:

- **D4:** Circular building design strategies and best practices (WG1)
- **D5:** E-learning section on best practices and circular solutions (WG1, WG4)
- **D6:** Business models and financial studies (WG2)
- **D7:** Circular management model and case studies (WG2)
- **D8:** Circular KPIs (WG3)
- **D9:** Sustainability integration in Level(s) framework (WG1, WG3)
- **D10:** KPIs’ automation via BIM (WG3)

Scope and Objectives

This workshop aims to advance CircularB’s strategic objectives by focusing on the development of circular business models, circularity frameworks, KPIs, and digital integration. Emphasis will be placed on:

- **Innovative Circular Business Models** to promote economic viability and adaptive reuse
- **Stakeholder Engagement and Policy Influence** to maximize impact and strategic alignment
- **Digital Integration** through BIM and digital twins to enhance circular economy implementation
- **Harmonization and Standardization of Methods** to support international collaboration and consistency

CircularB invites contributions that address emerging challenges, innovative solutions, and strategic frameworks related to these focus areas, ensuring alignment with the upcoming deliverables.



Topics of Interest

Contributions are invited on, but not limited to, the following topics:

1. **Circular Business Models and Innovative Practices – Deliverables 4, 6, and 7**

- Developing Circular Business Models and conducting financial viability studies for adaptive reuse and resource recovery.
- Implementing Innovative Circular Practices for construction, deconstruction, and material recovery.
- Facilitating Cross-Disciplinary Collaborations for circular economy solutions and business ecosystems.

2. **Stakeholder Engagement and Policy Influence – Deliverables 5 and 7**

- Establishing Stakeholder Engagement Models for circular economy adoption in the built environment.
- Influencing Policy and Governance: Strategies to integrate circular economy principles into urban and regional policies.
- Enabling Collaborative Decision-Making for circularity implementation across different sectors.

3. **Circularity Frameworks and Key Performance Indicators (KPIs) – Deliverable 8**

- Developing Circularity Frameworks for buildings and urban environments.
- Identifying and Integrating Circular KPIs into BIM workflows.
- Assessing the Impact of circular strategies using data-driven approaches and digital tools.

4. **Digital Integration – Deliverables 9 and 10**

- Implementing Digital Twins and BIM Integration for circular economy assessments.
- Conducting Computational and Data-Driven Research for modeling and simulations in circular building design strategies.
- Developing Innovative Digital Solutions for adaptive reuse, material recovery, and resource efficiency.

5. **Harmonization and Standardization of Methods – Deliverable 9**

- Harmonizing Methodologies for circular economy metrics, assessments, and reporting.
- Establishing International Standardization Frameworks for circular building design and construction practices.
- Creating Interdisciplinary Protocols for collaborative research on circular economy solutions.

Special Sessions and Thematic Sub-Groups

To promote collaboration and strategic alignment, the workshop will be organized as follows:

- The best extended abstracts will be selected and grouped by common themes.
- The first authors of the extended abstracts will be invited to give a brief presentation (5 minutes) of their respective abstract, allowing for in-depth discussions and feedback.
- After the presentations, participants working on similar themes will form thematic sub-groups to collaboratively develop full papers for publication in one of the special issues of CircularB or other prestigious journals.
- The expected outcome is the production of approximately five full papers, authored by at least three members from three different countries, leveraging collective expertise and thematic alignment to maximize research impact.



Review and Selection Process

- Extended Abstracts will be **peer-reviewed** by the CircularB Evaluation Committee.
- Selection Criteria: i) **Relevance to CircularB strategic goals**, ii) **Innovative approach**, iii) **Impact on circular economy practices**, and iv) **Clarity and quality** of the text.
- **Accepted Extended Abstracts** will be invited for presentation at the Workshop.

Publication Opportunities

- Accepted contributions will be compiled into an **Internal Report** to document research progress.
- High-impact Extended Abstracts will be considered for **joint scientific publications** in one of the special issues of CircularB or other prestigious indexed journals.
- High-impact Extended Abstracts that are not selected for journal publication will be featured on the **CircularB website's E-learning section**.

Reimbursement

The travel and accommodation costs for eligible participants attending CircularB 2nd Workshop will be covered by the COST Action CircularB. The reimbursement will cover long-distance travel expenses and a daily allowance to cover the remaining expenses. However, eligibility for reimbursement of travel and daily allowance is subject to budget availability, limiting the number of participants to be reimbursed.

Eligibility Criteria for Reimbursement

- Primarily, be a CircularB member;
- Quality of the submitted contribution assessed by the peer review process;
- Only one author per extended abstract is entitled to reimbursement (first author or co-author delegated by him/her);
- Gender balance;
- Career development;
- ITC affiliation;
- Geographical distribution.

Submission Guidelines

- Extended Abstract Length: 3 pages (text in the first 2 pages without References. The References are to be placed on page 3)
- Structure: **Introduction, Objectives, Methodology, Results, and Implications**
- Submission Deadline: **31 March 2025**
- Notification of Acceptance: **16 May 2025** (considering two rounds of review: first round – comments; second round – accepted/declined)
- Submit via: **EasyChair** (<https://easychair.org/conferences?conf=circularb-ws2>)
- COST Invitations for Face-to-Face participations: **23 May 2025**

Contact and Further Information

- For questions or further information, please contact: ca21103@civil.uminho.pt
- Detailed guidelines and templates are available on CircularB Webpage: www.circularb.eu