



CA21103

Implementation of Circular Economy in
the Built Environment



CircularB 1st Workshop_Part1 "Creating a Roadmap towards Circularity in the Built Environment" – Call for Contributions

CA21103 - CircularB is pleased to announce Part 1 of the Action's First Workshop, "Creating a Roadmap towards Circularity in the Built Environment" on **26, 27 and 28 April 2023**.

This event is the first part of a two-stage Workshop offering opportunities for CA21103 participants to network, share their latest research, and collaborate on producing high-profiled scientific publications in the field of Circular Economy in the built environment.

COST Actions aim at fostering communication, collaboration, and networking on topical subjects. This Workshop is therefore designed in two parts; Part 1 takes place in the 1st semester of CircularB COST Action, where CA21103 participants are encouraged to share their knowledge, latest ideas and research by presenting contributions in the form of short scientific or technical papers. Part 1 acts as an opportunity for contributors to interact, discuss and split into sub-groups, each corresponding to a specific theme. A follow-up Workshop (Part 2) is to be realized in the 2nd semester of 2023 in which each sub-group contributors collaborate in prolonged, thematic papers proposed to be published in prestigious indexed journals.

Final papers produced at the end of Part 2 of the Workshop will be published in one of the following open-access possibilities promoted by prominent CA21103 researchers.

- MDPI Journal "Buildings", Special Issue "Advances in the Implementation of Circular Economy in Buildings" (https://www.mdpi.com/journal/buildings/special_issues/83UK80YU0D)
- MDPI Journal "Applied Sciences", Special Issue "Advances in Circular Economy in the Built Environments" (https://www.mdpi.com/journal/applsci/special_issues/COXV077E70)
- MDPI Journal "Applied System Innovation", Topical Collection "Feature Paper Collection on Civil Engineering and Architecture" (https://www.mdpi.com/journal/asi/topical_collections/civ_eng_archit)
- Open Research Europe "ORE", Collection "Circular Economy in the Built Environment" (<https://open-research-europe.ec.europa.eu/collections/circular-economy-built-environment/about>)

For Part 1, researchers and practitioners are invited to submit their short papers of eight to ten pages long by 28 February 2023 at the latest. All papers must be submitted in the EasyChair Portal through the following link: <https://easychair.org/conferences/?conf=circularb-ws1>

Each paper will be double-blind peer-reviewed by the authors of other submitted papers. All accepted short papers will be published in collaboration with Springer Publisher as open-access papers in electronic proceedings book within Springer Nature Proceedings (<https://www.springernature.com/gp>).



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Reimbursement

Travel and accommodation costs for eligible participants in CircularB – 1st Workshop_Part1 event are to be covered by CA21103. However, eligibility for travel and accommodation costs reimbursement is subject to budget availability, limiting the number of reimbursed participants.

Eligibility Criteria

- Primarily, be a part of CA21103 network, i.e., A Working Group member;
- Quality of the submitted contribution assessed by the double-blind peer review process;
- Quality of the reviews carried out in the framework of the double-blind peer review process;
- One author per paper is entitled to reimbursement (First author or co-author delegated by him/her);
- Gender balance;
- Career development;
- ITC affiliation;
- Geographical distribution.

Important Dates for Part 1

- 20 December 2022: Call for Contributions
- 20 February 2023: Deadline for short papers submission
- 15 March 2023: Notification of the acceptance/rejection of short papers by the Scientific Committee
- 16 March 2023: Invitations for face-to-face participation
- 22 March 2023: Announcement of the Final Programme
- 26 to 28 April 2023: Circular B 1st Workshop_Part1

Venue

Circular-B 1st Workshop_Part1 will be held in Skopje, North Macedonia at: **Ss. Cyril and Methodius University in Skopje, Faculty of Civil Engineering**

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Looking forward to hearing from you soon and with our best regards,

CA21103 – CircularB



Workshop 1 Themes

Item	Topic	WG	Task	Deliverable
1	Circular Economy best practices in the built environment	WG1	T1.1, T1.2	D2
2	Design strategies and tools for circular buildings; design for adaptability, design for disassembly, reversible buildings and products, transformable buildings, material passports, BIM ... etc.	WG1, WG3	T1.1, T1.2, T3.1	D2
3	Circular materials and building products	WG1	T1.1, T1.2	D2
4	Adaptive reuse of existing buildings	WG1	T1.1, T1.2, T1.3	D2, D3
5	Recovery and reuse of salvaged building materials and products from existing structures	WG1	T1.1, T1.2	D2
6	Current applications and trends – case studies	WG1, WG3	T1.1, T1.2, T3.1	D2
7	Barriers against CE implementation in buildings	WG1	T1.3	D3
8	Efficient waste and circular resource management	WG1, WG2	T1.1, T1.2, T2.1	D2
9	Circular buildings lifecycle management and decision making	WG2	T2.1	D2
10	Circular feedback systems for CE implementation in buildings	WG2	T2.1, T2.2	D2
11	Circular value chain elements	WG2	T2.2	D2
12	Stakeholders relationships and new potential actors in circular management models	WG2	T2.2	D2
13	CE supporting policies and legal barriers for implementation in buildings	WG2	T2.3	D2
14	Circular Business Models	WG2	T2.1, T2.2, T2.6	D2, D6
15	Criteria and KPIs for circular buildings and materials	WG3	T3.1, T3.3	D2, D8
16	Circular Building assessment models, tools and frameworks	WG3	T3.1	D2
17	CE criteria in sustainability frameworks for buildings	WG3	T3.2	D2
18	CE added value to sustainable buildings and environmental impacts of circular building strategies	WG3	T3.2	D2
19	Digitalization and BIM for enhanced circularity of buildings and building materials and products	WG1, WG3	T1.1, T1.2, T3.1, T3.2, T3.3	D2, D8
20	Standardization of CE definitions in buildings	WG3	T3.1, T3.4	D2, D8