



Cost Action: Implementation of Circular Economy in the Built Environment”

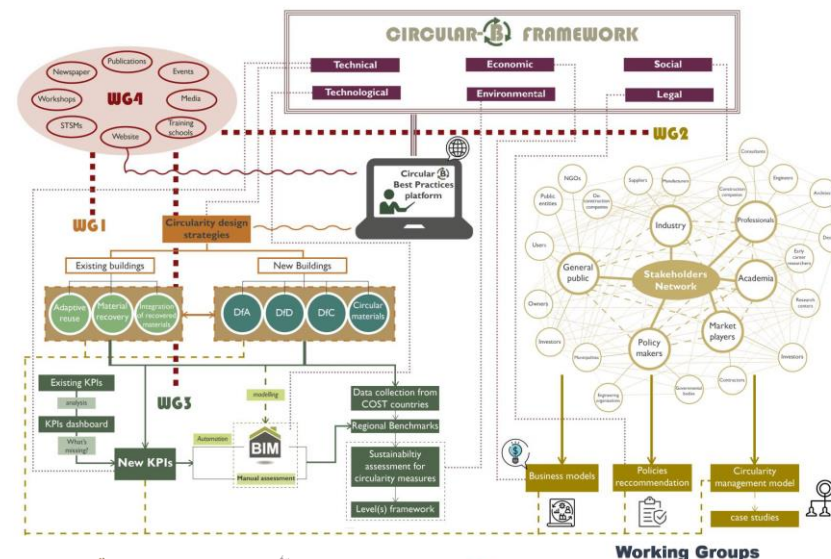
CircularB - CA21103



The COST Action CircularB embraces an integrated and interdisciplinary approach of Circular Economy (CE) implementation and assessment in the construction and real estate sector namely buildings, building components, technical systems and construction products, which is important to make the most of CE principles and strategies to benchmark a new generation of sustainable buildings.

Objectives

- Coordination of current policies and identification of those which can act as opportunities/barriers to CE
- Data collection about construction techniques, novel solutions and innovative materials applied on new projects, as well as rehabilitation, adaptive reuse methods;
- Development of a common understanding of how CE principles can be translated into feasible actions and strategies for new and existing buildings;
- Development of guidelines for the implementation of circularity measures in new and existing buildings;
- Identification of relevant KPIs to measure and classify the implementation of circularity in new and existing buildings to be integrated in BIM workflow;
- Develop new and innovative business models to integrate CE in buildings construction workflow;
- Predict future pathways for the current building stock. How can we turn existing buildings more circular?
- Identification of strategies to promote the integration of CE in buildings, as well as encouraging the use of the KPIs framework (policymaking, cities/municipalities, regulation/policy as case studies);
- Dissemination of the research results to the civil society, stakeholders, and university students.



Call: Call Collection OC-2021-1

Type of Action: Cost Action – European Cooperation in Science and Technology

Acronym: Circular B

Duration: 48 months

Start Date: 2022-11-01

Project Costs: An annual budget is allocated to the Consortium

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Partners

CircularB involves 61 organisations from 28 different COST countries, including Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Finland, Germany, Greece, Ireland, Italy, Latvia, Malta, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Serbia, Slovenia, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.



<https://www.circularb.eu/>

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