

CRedIBIE – Research Project Fact Sheet

Title of Project	Circular REDesign for a Resource-efficient, Innovative, and Transformative Built Environment - ongoing
Project Acronym	CRedIBIE
Funding Program	HORIZON-CL5-2024-D4
Project Identifier	HORIZON-CL5-2024-D4-02-04
Total Budget/EUT Budget	3950038 € / 371500 €
Starting – Ending Date	10/25 – 09/29
Consortium	<ol style="list-style-type: none"> 1. Kauno Technologijos Universitetas LT 2. Ethniko Kentro Erevnas Kai Technologikis Anaptyxis EL 3. Core Kentro Kainotomias Amke EL 4. Iris Technology Solutions, Sociedad Limitada ES 5. Politecnico Di Milano IT 6. Staticus Uab LT 7. Fibran Insulating Materials Industry Dimitrios Anastasiadis Sa EL 8. Euphyia Tech Ltd CY 9. Opsis Research Srl RO 10. Innotrope Sas FR 11. My Energia Oner SI ES 12. Ayuntamiento De Murcia ES 13. Universidad Pontificia Comillas ES 14. Institute For European Energy And Climate Policy Stichting NL 15. Wider Sa CH 16. Epiqr Renovation Sarl CH 17. Estia Sa CH 18. Ville De Vevey CH
Project Objectives	To achieve green transition goals, as well as mitigate and prevent climate change impacts, it is crucial to develop and incorporate solutions, methodologies, and techniques aimed at promoting transition efforts and sustainability. In this context, the EU-funded CRedIBIE project aims to enhance the transition of the construction sector and its sustainability by developing a fully interoperable digital ecosystem. This ecosystem will improve the design, adaptability, reuse, and deconstruction phases, thereby increasing their sustainability. To achieve this, the project will integrate several key technologies, including AI-driven decision-support tools, digital product passports, predictive analytics, modular building components, and a systematic framework to improve circularity, sustainability, and efficiency at every step.
Work Packages	<p>WP1 – Project specification and positioning</p> <p>WP2 – Development of digital tools</p> <p>WP3 – Development of circular building materials</p> <p>WP4 – Integration into the digital ecosystem</p> <p>WP5 – Demonstration in pilot projects</p> <p>WP6 – Capacity building and training</p> <p>WP7 – Project management</p> <p>WP8 – Dissemination and exploitation</p>
External Reference	https://cordis.europa.eu/project/id/101235056
Role in the Project	Scientific and Technical Manager