



17 PARTNERS



8 EU COUNTRIES



48 MONTHS



3 DEMO SITES



7 MILLION EURO
FUNDING



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Project Media



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DECO2 MAPS LOCAL MATERIAL FLOWS TO ENABLE CIRCULAR RENOVATION PATHWAYS

The DeCO2 project, funded under Horizon Europe, announces the successful achievement of Milestone 3: Local material and resources mapping, a critical step towards enabling circular design and sustainable renovation solutions.

The construction sector is a major consumer of raw materials and a significant producer of waste, highlighting the need for more circular approaches. DeCO2 responds to this challenge by developing innovative solutions that integrate local material flows into renovation processes.

Milestone 3 focuses on identifying and mapping local material availability and resource flows, enabling the design of circular renovation pathways tailored to regional contexts. The milestone confirms that local circular design potential has been mapped for at least three decarbonisation pathways in each demonstration case, supporting more efficient and sustainable use of materials.

This work contributes to reducing waste, improving resource efficiency, and strengthening local value chains in the building sector. By integrating material flow data into the DeCO2 framework, the project supports evidence-based decision-making for circular construction practices.

"Mapping local materials and resources is essential to making circular renovation a practical reality. This milestone demonstrates how local data can drive sustainable decision-making and unlock circular economy opportunities in the built environment".



Co-funded by
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The achievement reinforces DeCO2's objective to bridge the gap between innovation and market uptake by developing locally adapted, scalable, and sustainable renovation solutions aligned with EU climate and circular economy goals.



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