



Dynamic Decarbonization
Pathways Framework:
Integrating Technological,
Social, and Policy
Innovations for
Sustainable Renovations
in the Built Environment

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17 PARTNERS



8 EU COUNTRIES



48 MONTHS
PROJECT



3 DEMO SITES



7 MILLION EURO
FUNDING

A circular and sustainable decarbonised future for the European built environment

DeCO2 Objectives

Implement and showcase circular and technological innovations that contribute to the decarbonization of the built environment.

Foster social innovation by people-centred, inclusive, creativity-driven, participatory processes activities for the development, implementation, and post-occupancy assessment of sustainable renovation solutions.

Promote policy innovation by providing practical guidelines to public authorities, policy makers and other stakeholders.

Demonstrate the effectiveness and viability of innovative digital solutions, low disruptive construction and retrofitting processes on three physical demonstrators (demo cases).

Assess the scalability and replicability of the demonstrated built environment decarbonization pathways for wider adoption by deploying the innovation pathways on three demonstrated Living Labs.

Demo 1

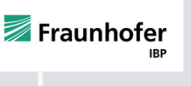
Establishing a decarbonised approach to retrofitting at Limerick Clare Education and Training Board, Limerick City, Ireland.

Demo 2

Establishing a circular ecosystem to renovate Castelló Library and to test innovative products and technologies in a regulatory sandbox in Valencia, Spain.

Demo 3

Establishing an approach for social engagement and co-creation with residents for decarbonisation in Graz-St. Peter, Austria



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