



Large-scale rollout of industrialised deep renovation solutions

LIFE-2021 EU Info Days – Clean Energy Transition

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Project Manager(s)



Large-scale rollout of industrialised deep renovation solutions

Type of action: **Other Action Grants - CSA (95%)**

Topic LIFE-2021-CET-BUILDRENO

OBJECTIVES

- Support the implementation of the **Renovation Wave Strategy**
- Facilitate a greater market uptake of holistic, **industrialised deep renovation solutions for buildings**
- Increase **rate and depth** of energy renovation through industrialised solutions
 - Higher quality renovations
 - Enhanced certainty of energy savings and a reduced performance gap



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SCOPE

(1/2)

Actions should address market barriers to support solutions

- Increasing the **volume and depth** of energy renovation
- Reducing **investment costs**
- Reducing the **time** of on-site renovation
- Reducing **inconvenience** for occupants
- Making the whole **renovation process more attractive** for all those involved



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SCOPE

(2/2)

- Proposals should build on:
 - **Technological innovation developed and tested in recent projects**, for example
 - standardised prefabrication and off-site construction
 - digital tools such as Building Information Modelling
 - plug & play technical building systems
 - **Non-technological innovations** for example
 - business models, performance guarantees, design and procurement processes
- Cover the **whole value chain**
- Can address **different types of buildings**



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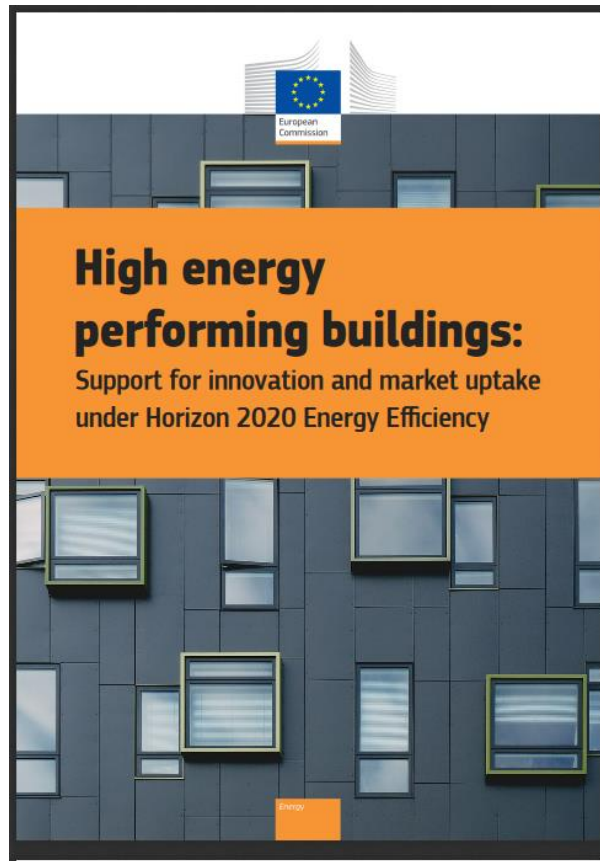
EXPECTED IMPACTS

- Cost optimal renovations with a performance guarantee for the end user
- Reduction of time for renovation works on the building site
- Demonstration of the effectiveness and replicability of the proposed solutions to lead to an increased rate of renovation
- Primary energy savings/Renewable energy generation triggered by the project (GWh/year)
- Investments in sustainable energy triggered by the project (cumulative, in million Euro)
- Reduction of the greenhouse gases emissions (in tCO₂-eq/year) and/or air pollutants (kg/year) triggered by the project

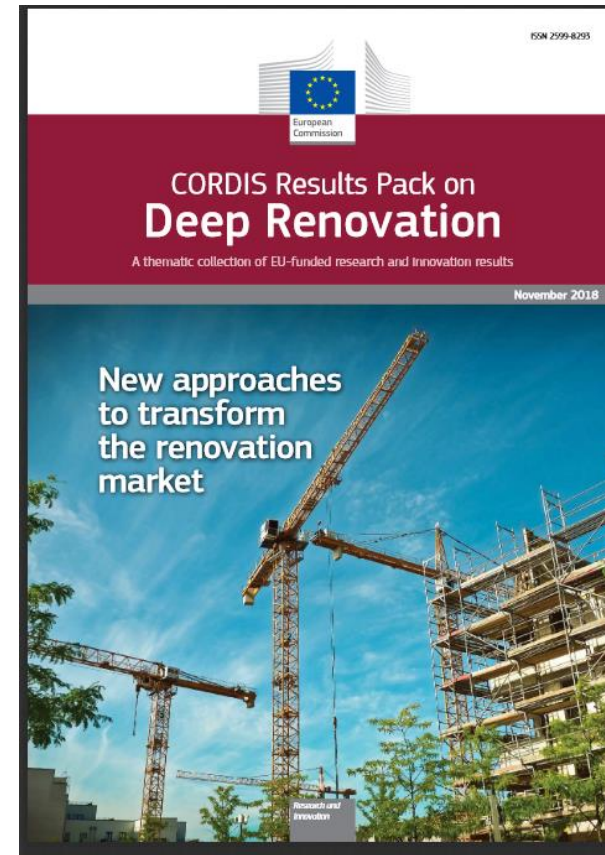


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BUILDING ON PREVIOUS PROJECTS – INDICATIVE EXAMPLES



Available [here](#)



Available [here](#)



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Thank you



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