

# Deep retrofits made faster, cheaper and more reliable

## OUR MISSION

Confronting inefficiency in existing buildings by pairing prefabrication and streamlined processes with the rigour of the EnerPHit Standard for renovations according to Passive House principles.

## OUR OBJECTIVES

- Lowering barriers for deep retrofit such as costs, complexity and time
- Demonstrating the successful execution of highly efficient deep retrofits in real projects across Europe

## OUR APPROACH

- INTEGRATING the use of streamlined processes and pre-fabricated elements with the high performance of the EnerPHit Standard
- SUPPORTING building component suppliers to further improve their products for use in deep retrofits to the EnerPHit Standard
- CRAFTING a certification scheme for whole house renovation systems as well as tools and guides to support decision making
- DRAFTING simplified monitoring and approval concepts for the renovation design stage
- ENCOURAGING a one-stop-shop business model for deep renovation by collaborating with local contractors and building users.
- BOOSTING demand for streamlined, high performance approaches by involving stakeholders in the promotion of findings

## OUR ACTIVITIES

Improving renovation systems | Providing technical equipment packages | Developing contracting concepts and tender documents | Producing deep renovation guidelines | Issuing design-stage approval concepts | Crafting renovation system and performance certification schemes | Monitoring financial and technical success | Creating a network of local authorities on building | Supporting manufacturers in component optimization

## KEY FACTS

### Project Lead

Passive House Institute

### Project Partners

10 organisations from 7 countries

### Project Duration

36 months, until August 2023

### Overall Budget

€2.5 million

### Funding Authority

European Union, via the Horizon 2020 programme

## CONTACT

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