

Project results

● Technical guidelines

- Report on existing energy renovation process
- European survey on cooperation models
- Recommendations to public authorities

● Operational applications

Real implementations of cooperation models



Logirep



Arte Genova



Black Country Housing Group



Bulgarian Housing Association



Dynacité



Société Wallonne du logement

Website

The website www.shelterproject-iee.eu works as a collaborative platform.

It aims to identify and gather all stakeholders involved in energy renovation projects in Europe, allowing exchanges and suggestions on their professional practices and interests.

10 partners

6 Social Housing organisations



Coordinator
France, 32 000 dwellings
www.logirep.fr



Italy, 12 000 dwellings
www.artegenova.org



GB, 1 800 dwellings
www.bcha.co.uk



Bulgaria, Advice to condominium owners
www.bha-bg.org



France, 23 000 dwellings
www.dynacite.fr



Belgium, 104 000 dwellings
www.swl.be

Research center



Delft, NL OTB Research Institute for the Built Env.
www.tudelft.nl

3 EU professional federations



Representing architects in Europe
www.ace-cae.eu



Representing public cooperatives and social housing in Europe
www.housingeurope.eu



Representing construction crafts and SME in Europe
www.eubuilders.org



www.shelterproject-iee.eu

Social
Housing organisations and
European professionals
L inked and acting together for
T esting and promoting project team in
E nergy
R enovation



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Why

- 35 million units of social housing in Europe, responsible for 18% of the total final energy consumption of the European Union

- Energy renovation of buildings has a main influence on the European Union energy goals by 2020 :

- 20% of reducing greenhouse gas levels
- 20% reducing energy consumption
- 20% of renewables in energy mix

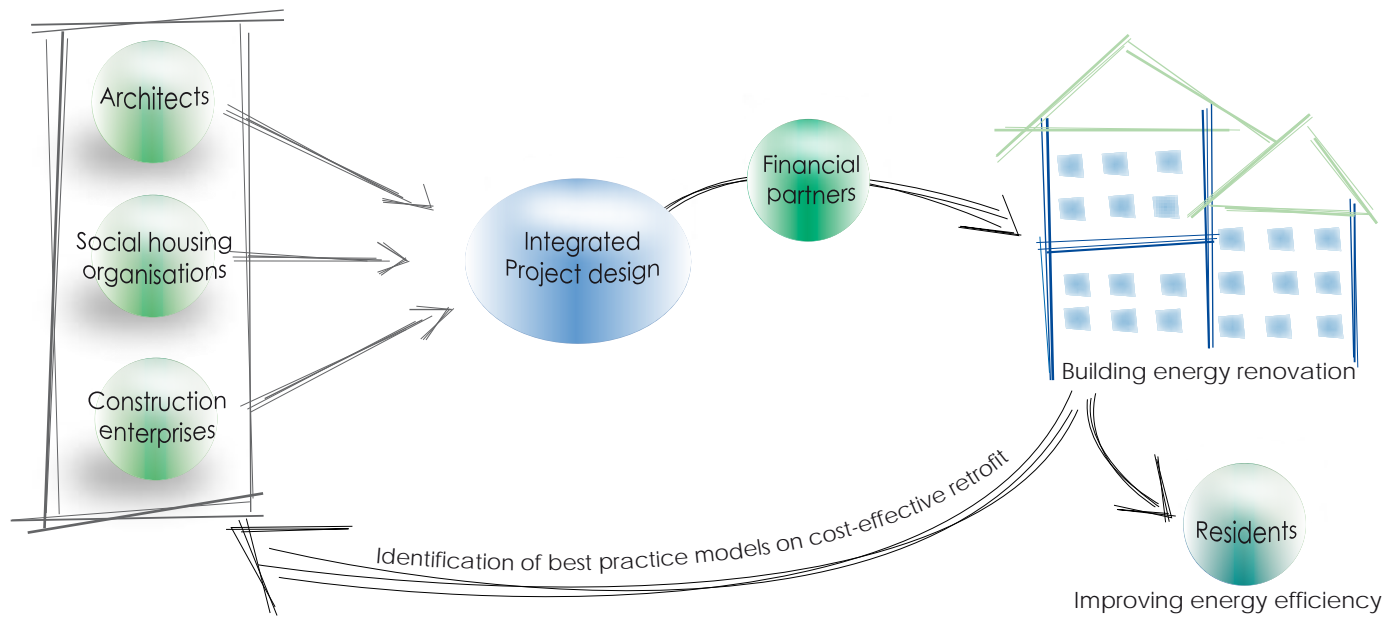
- The improvement of the cooperation between professionals is a major step to meet the aims of the European Union that relate to the energy performance of buildings

Goals

The aim of the SHELTER project is to promote and facilitate the use of new models of cooperation, inspired by integrated design, for the energy renovation of social housing

- Develop long term gains in costs and time for professionals and social housing organisations in energy renovation

- Contribute to the structuring of the economic sector dedicated to energy renovation in the European Union, linked to existing initiatives such as POWERHOUSE EUROPE and BUILDUP



Bring social housing organisations, architects and construction enterprises together at the earliest stage of energy renovation projects, so as to implement models of cooperation inspired by integrated design

How

- Create new models of cooperation, adapted to specific national needs
- Apply new models in the portfolios of the 6 housing organisations, representing 170 000 dwellings in 5 countries
- Identify channels of influence and public policies promoting innovative models of cooperation
- Promote implementation, by European social housing organisations, of relevant cooperation models in energy renovation projects

Timetable

- **June 2010 – May 2011**

Analysis of past energy renovations : identification of pros and cons of the models actually used by each housing organisation

- **June 2011 – May 2012**

Operational applications of new models of cooperation, inspired by integrated design and adapted to the specific needs and situations of each social housing organisation

- **June 2012 – May 2013**

Analysis of the current structuring of the energy renovation sector in Europe, looking for a better energy performance by improving professionals' cooperation. Sharing of the results, using European professionals' networks, and participating in national and European events

- **February 2013**

Signature of the "Charter of green commitment for energy renovation of social housing organisations"