



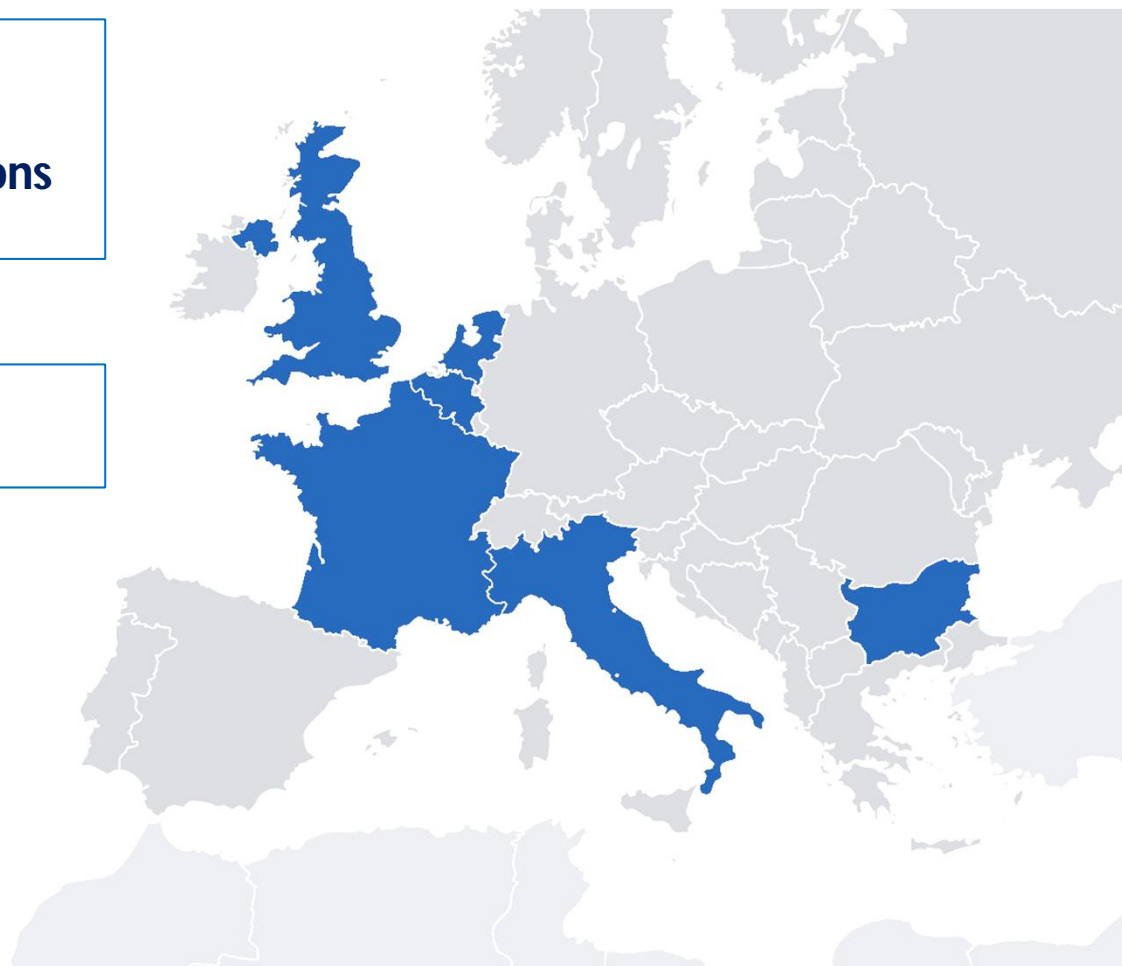
## **Experiencing new models of coordination for energy renovation of Social Housing**

**INNOVATE TO RENOVATE!**  
**Brussels, 19 June 2012**



**6 Social Housing Organisations**  
**1 Research Centre**  
**3 European Professional Federations**

**June 2010- May 2013**





## EU objectives

- Social housing: 12% of the housing stock in EU27  
25 million homes  
Key part of the strategy to reach the EU 2020 objectives
- Objective: 4% annual refurbishment rate for the social housing sector

**Are energy renovation coordination models ready to ensure a massive energy refurbishment of the social housing stock?**

## Lack of adapted energy renovation models

- Up-scaling energy renovation requires innovative project team organisation and increased attention paid to **coordination** and **achieved energy performance**
- There is a need for:
  - defining energy objectives within Social Housing organisations
  - defining adapted tendering procedures and award criteria
  - lack of design phase
  - lack of coordination between actors
  - lack of guarantee of performance

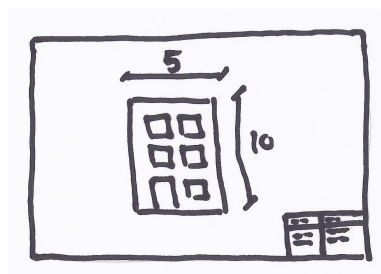
**Can coordination models based on integrated design contribute to accelerate the energy renovation process?**



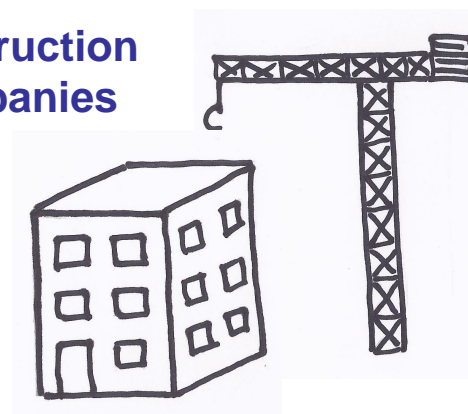
## Our Goal

**Develop and promote the use of new models of cooperation, inspired by integrated design, for the energy renovation of social housing**

Designers



Construction companies



Maintenance companies





## SHELTER overview

- Social housing energy renovation through integrated design
- Feedback from pilot implementation of cooperation models in France, UK, Italy, Belgium and Bulgaria
- Demonstration of feasibility conditions for Social Housing operators
- Guidelines and recommendations for large scale replication

**Define adapted energy renovation models based on integrated design**

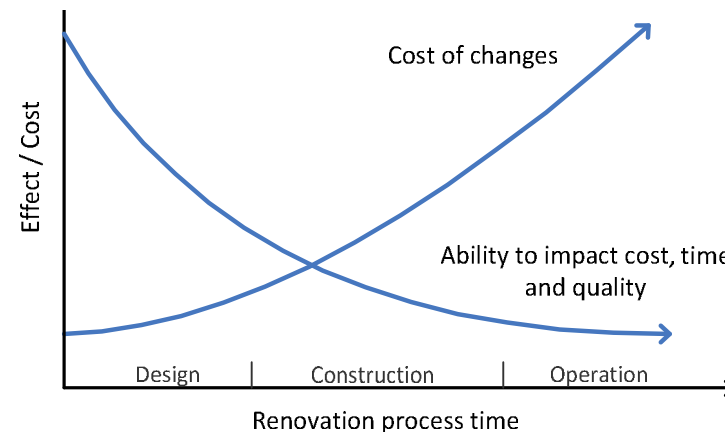
## Recommendations (1)

### • INCEPTION

- Include energy objectives in SHO renovation policies
- Need for better knowledge of initial energy situation

### • COORDINATION

- Improved management for subsidy-based projects
- Insight on stakeholders role in integrated design projects





## Recommendations (2)

- **TENDERING**

- Performance-based specifications and energy award criteria
- Favour equal opportunity in tendering for majors and SMEs

- **TENANTS BEHAVIOR**

- Empowerment solutions





## Operational implementation

- 6 pilot projects in 5 countries



Logirep: Vitry, Paris region



Dynacité: Nurioux, Lyon region



BCHG: Birmingham



BHA: Sofia



ARTE: Genoa



SWL: Charleroi



## Promoting coordination models

- **SHELTER FORUM**



[www.shelterproject-ieee.eu](http://www.shelterproject-ieee.eu)

- **BUILD-UP COMMUNITY:**  
Coordination of professionals in energy renovation



[www.buildup.eu/communities/coordofprofessionals](http://www.buildup.eu/communities/coordofprofessionals)



**Thank you for your attention**

**Contact:**

**Angela RUIZ**  
[ruizlazaro.a@polylogis.fr](mailto:ruizlazaro.a@polylogis.fr)

