

## International Conference on Sustainability in Energy and Buildings

### Invited Sessions

**Title of Session:**

Renovation through quality supply chains and energy performance certification standards

**Name of Chair:**

Mrs. Marlies Van Holm, Flemish Institute for Technological Research (VITO)

**Description:**

REQUEST is a collaborative project across 11 European Member States, funded by Intelligent Energy Europe. REQUEST aims to increase the uptake of low carbon renovation measures in residential properties throughout Europe, by encouraging action on Energy Performance Certificate (EPC) recommendations and by providing a quality standard for low carbon renovation. From that perspective, REQUEST has a unique focus on the link between **supply and demand side** of low carbon renovations.

**Key outcomes of REQUEST:**

- Inventory of tools, techniques and schemes: **existing best practices** that encourage the uptake of EPC recommendations and improve quality standards
- The **Efficiency Assistant**, giving an overview of tools and strategies that can be used to stimulate and encourage action on EPC recommendations
- A new replicable **mechanism for quality assurance** in the delivery of low carbon renovation, identifying applicable standards for a quality assured renovation process.
- **Piloting** of the tools, techniques and quality assurance schemes in various projects, testing and measuring the impact of the new tools to further refine their development.

The results of the REQUEST programme running from April 2010 until November 2012, will be presented during the REQUEST closing event as a part of the Fourth International conference on Sustainability in Energy and Buildings SEB'12. The key outcomes of REQUEST will be presented at the closing event, combined with presentations of external speakers. A preliminary program can be found below. For updates on the program we kindly refer to [www.building-request.eu/closing-event](http://www.building-request.eu/closing-event).

The one-day closing event is aimed at a varied audience of policy makers and energy agencies at city, regional or EU member states level, as well as academic researchers, energy advisors, trades federations, housing and home owners associations.

**Preliminary program****Block 1 – REQUEST aims and key outcomes within the broader policy perspective on energy performance of buildings**

Presentations of external initiatives by key/high profile external speakers and introduction to the key outcomes of REQUEST:

- *External speakers will be announced shortly*
- REQUEST survey and database of existing best practices at EU level and worldwide (ENEA – Italy)
- REQUEST tools and techniques to increase EPC recommendations uptake (ADENE – Portugal)
- REQUEST quality standard for energy renovation of dwellings (Dena – Germany)

## **Block 2 - Tools and Techniques to increase the uptake of EPC recommendations**

Presentations of external initiatives by external speakers and introduction to the REQUEST pilot projects with main focus on improving EPCs:

- **ICMQ Label Sistema Edificio** – Mr. Alberto Lodi
- *Other external speakers will be announced shortly*
- **Belgium** – Face-to-face energy advice for over 60 dwellings in Flanders with involvement and training of 40 EPC experts on the basis of an improved EPC calculation tool providing recommendations and cost benefit analyses for energy renovation measures
- **Austria** - Development and testing of a building typology as a basis for high quality EPC refurbishment recommendations, with special focus on Viennese residential buildings
- **Slovakia** –Increasing the uptake of energy consultations in Slovakia by means of the Energy “Minder“, an advisory training web tool for quality assured renovation processes to be used in SIEA’s regional consultation centers
- **Denmark** – Impact of knowledge centre activities on the uptake of energy efficient renovation - illustrated by ProjectZero uptake in the municipality of Sonderborg

## **Block 3 - Providing quality standards and guidance for low carbon renovation**

Presentations of external initiatives by external speakers and introduction to the REQUEST pilot projects focussing on quality standards and renovation activities:

- *External speakers will be announced shortly*
- **Italy** – Support and monitoring towards a quality integrated renovation approach for social housing in collaboration with ACER Reggio Emilia. On-going "Tavoli di Lavoro 4E" stakeholder working groups involving 30 national key associations and federations, aimed at building up skills within the supply chain and strengthening foresight for energy efficiency.
- **Greece** – Energy renovation of large scale apartment buildings in the wider Athens area with involvement of unemployed inhabitants of the building blocks, recruited and trained as installers and maintainers for their building
- **Bulgaria** - Increasing awareness with home owners, raising energy efficiency and quality standards for the energy renovation of large scale residential buildings
- **Poland** - Setting up collaborative initiatives to engage tenants and property owners in the energy retrofit of large scale residential buildings with communal ownership in Warsaw
- **United Kingdom** – Development and testing of energy efficiency guidance and training material for homeowners and tradesmen for a room-by-room energy refurbishment approach in collaboration with the Federation of Master Builders

### **Website URL (if any):**

<http://www.building-request.eu/closing-event>

### **Email & Contact Details:**

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