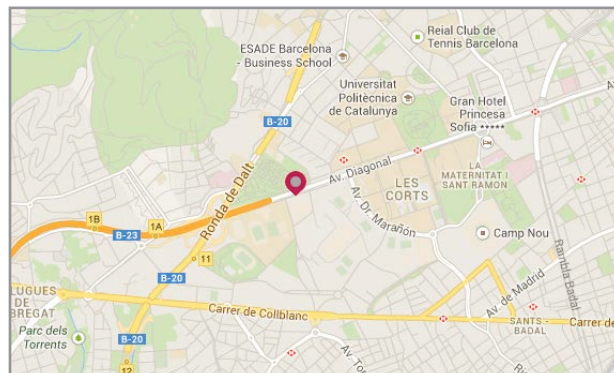


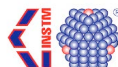
## Venue Location

PALAU DE CONGRESSOS DE CATALUNYA  
Av. Diagonal, 661-671  
08028 Barcelona  
SPAIN



RESSEEPE is a research project co-funded by the European Community Seventh Framework Programme for European Research and Technological Development, and has received research funding from the European Union.

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*REtrofitting Solutions and Services for the enhancement of Energy Efficiency in Public Edification*

## 1<sup>st</sup> Workshop

*How can innovative technologies make a difference in building retrofitting?  
The RESSEEPE approach*

28th October 2014

[www.resseepe-project.eu](http://www.resseepe-project.eu)



## RESSEEPE 1st Workshop

RESSEEPE brings together design and decision making tools, innovative building fabric manufacturers and a strong demonstration programme to demonstrate improved building performance through retrofitting. The RESSEEPE project is framed under the European initiative which aims to enhance the development of innovative technologies that can facilitate the delivery of energy efficient buildings. The core idea of the RESSEEPE project is to technically advance, adapt, demonstrate and assess a number of innovative retrofit technologies.

The first workshop **How can innovative technologies make a difference in building retrofitting? The RESSEEPE approach**, aims to provide an update on the RESSEEPE and discussion and debate on several innovative technological developments and managerial concepts suitable for the retrofit business. The workshop will put an emphasis on the RESSEEPE demo site activities and as well as the novel refurbishment products and technologies being developed.

### Demo Site Requirements and Technology Supply

The RESSEEPE project validates its innovative products and tools at four different demonstration buildings located in Europe. From feasibility to prototyping, from production to installation, RESSEEPE covers all the processes involved in a typical development process.

During the first session of the workshop, visitors will have the opportunity to learn from the experiences of several different RESSEEPE partners including leading manufacturers, academics, engineers and consultants. This interactive session will maximize the potential benefits of the workshop as it will create a platform where all the visitors will have an opportunity to discuss their own experiences and contribute to the development of RESSEEPE decision tool box.

### Expected Impact

The RESSEEPE project sets strict energy reduction targets in four demonstration buildings. The first workshop will allow the RESSEEPE stakeholders to identify what type of data has to be generated and retrieved to assist the decision making process, and to clarify the difference between precision and accuracy followed by uncertainty and reality.

Demo Sites					
George Elliot Building	133.346 m <sup>2</sup>	175 kWh/m <sup>2</sup>	56 kWh/m <sup>2</sup>	61%	894 tons
Skellefteå City Council	18.900 m <sup>2</sup>	187kWh/m <sup>2</sup>	76 kWh/m <sup>2</sup>	59%	395 tons
District Hospital Barcelona	53.184 m <sup>2</sup>	217 kWh/m <sup>2</sup>	65 kWh/m <sup>2</sup>	70%	847 tons

How can innovative technologies make a difference in building retrofitting? The RESSEEPE approach.

## Programme 28th October 2014

17:00	IES / EXE	Welcome Note Introduction
<b>TECHNOLOGY SPEAKERS 17:15-17:45</b>		
EXE Moderator	API / IES Monitoring / Simulation	UPC / TEC Technology Representative
<b>DEMOSITES SPEAKERS 17:45-18:15</b>		
Dr. Abdullahi Ahmed	CCC	Case study in UK
Gustaf Ulander	Skelleftea	Case study in Sweden
Jaume Madrid	CST	Case study in Spain
18:15-18:30	SUM UP	Kenneth Burnham

### General Information

**Workshop Organiser:** UPC / EXE  
**Host:** World Sustainable Building 2014 Barcelona  
**Session:** 26

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**Registration & Accomodations:** [www.wsb14barcelona.org/registration-fees.html](http://www.wsb14barcelona.org/registration-fees.html)