

BEST Energy: Built Environment Sustainability and Technology in Energy

The main objective of this project is to improve the energy efficiency in public buildings and street public lighting, by the ICT-based centralized monitoring and management of the energy consumption and production, and to provide decision makers with the necessary tools to be able to plan energy saving measures. To achieve this objective BEST Energy project will implement and validate four pilots, two related to energy efficiency in public buildings (one in a Sports centre in Spain and one in a University building in Germany), and another two regarding energy efficiency in public street lighting. All the pilots will implement innovative advanced control mechanisms allowing to substantially improve the energy efficiency in the respective buildings and spaces, each of them particularized to the specific characteristics of the different buildings and spaces. The initially quantified objective is to achieve a 12% reduction on the energy consumption of the buildings, and at least a 30% reduction of the energy consumption of the public lighting systems. This objective will be reviewed after the initial stage of the project, when more detailed information about the energy use and the different possibilities of reducing the energy consumption will be available. An additional set of objectives will be defined at this stage of the project, regarding energy consumption peaks reduction, and renewable energy use (in the public buildings). Based on these experiences there will be a later replication of the pilot in other buildings, located in Spain, Denmark and the Czech Republic. The aim is to experiment during the BEST Energy project a first replication of the pilot experiences, that will serve other Municipalities to take advantage of the results of the first phase of the project as best practices, achieving the corresponding energy savings.

Project ID card

- Funded under: [ICT Policy Support Programme](#)
- Area: ICT-PSP.2008.2.1 - ICT for energy efficiency in public building and spaces, including lighting
- Total cost: €4.52m
- EU contribution: €2.26m
- Project reference: 238889
- Execution: From 01/02/2009 to 30/04/2012
- Project status: Closed
- Contract type: ICT Policy Support Programme PB Pilot Type B

Contact information

JORGE Elisabeth
 CALLE CAMINO 2
 20004 Donostia - San Sebastian
 SPAIN
 Tel. +34-943483426
 Fax. +34-943481669
 E-mail: elisabeth_jorge@donostia.org

Participants

Coordinator: Fomento de San Sebastian, SPAIN

Participating partners:

Organisation	Country
Fomento de San Sebastian	SPAIN
ENESA A.S.	CZECH REPUBLIC
VIBORG KOMMUNE	DENMARK
COWI A/S	DENMARK
UNIVERSITAET DES SAARLANDES	GERMANY
TECHNISCHE UNIVERSITAET BRAUNSCHWEIG	GERMANY
RUMPE INFORMATION TECHNOLOGIE GMBH	GERMANY
RHEINISCH-WESTFAELISCHE TECHNISCHE HOCHSCHULE AACHEN	GERMANY
ENERGYDESIGN BRAUNSCHWEIG - INGENIEURGESELLSCHAFT FUR ENERGIEEFFIZIENTE GEBAUDE MBH KONZEPTE - PLANUNG- BETRIEB	GERMANY
CAMARA MUNICIPAL DE ALMADA	PORTUGAL
AGENCIA MUNICIPAL DE ENERGIA DE ALMADA ASSOCIACAO	PORTUGAL
GREEN POWER MONITOR SISTEMAS DE MONITORIZACION, S.L.	SPAIN
GIROA SOCIEDAD UNIPERSONAL	SPAIN

Last update: 09/04/2010

See this factsheet online:

http://ec.europa.eu/information_society/apps/projects/factsheet/index.cfm?project_ref=238889



European Commission - Information Society and Media

http://ec.europa.eu/information_society