

Best Energy

Built Environment Sustainability and Technology in Energy

What?

This project aims at implementing and validating several pilot actions in different European public buildings and public spaces, for improving the energy efficiency by the use of market ready ICT solutions, demonstrating also the economic viability of the systems to be installed.

How?

The main objective of this project is to improve the energy efficiency in public buildings and street public lighting, by using the ICT-based centralized monitoring and management of the energy consumption and production. The project also aims at providing decision makers with the necessary tools to be able to plan energy saving measures.

Who and where?

The project comprises trial activities that will be implemented at four pilot sites and three replication sites located in five EU Member States. The performance will be tested in the following real-life scenarios:

- > the Karmelo Balda-Paco Yoldi Sports Centre in San Sebastian City (Spain) with replications in the National Theatre in Prague (Czech Republic) as well as in other three public buildings in San Sebastian ;
- > the University in Braunschweig (Germany) with replication at the Viborg Town Hall (Denmark)
- > the Etxarriene residential area lighting in San Sebastian (Spain)
- > the municipality lighting in Almada (Portugal)

Why?

The initially project target 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.

AT A GLANCE

Consortium:

- **Czech Republic:** Enesa
- **Denmark:** Viborg Municipality, Cowi
- **Germany:** University of Saarlandes, Energydesign Braunschweig, University of Technology Braunschweig , Aachen University, Rumpe Information Technologies
- **Spain:** Fomento de San Sebastián, Giroa, Green Power Monitor
- **Portugal:** Almada City Council, Local Energy Management Agency of Almada

Duration:

39 Months from February 2009 until April 2012

Total Cost:

€4.520.000 (EC contribution €2.260.000)

Website:

www.bestenergyproject.eu

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