



SAVE ENERGY

Five Pilot Projects for Improving Energy Efficiency in Public Buildings

What?

SAVE ENERGY addresses the challenges of energy efficiency in five public buildings in five European cities – Helsinki, Leiden, Lisbon, Luleå and Manchester. *SAVE ENERGY* will use a serious game* providing an engaging virtual environment for users, citizens and policy makers to gain awareness, understanding and experience associated with energy saving attitudes.

How?

Five pilot buildings across Europe will be fitted with sensors, meters and control devices to monitor overall energy use. The real-time data gathered will be centralised and used to generate an action plan for reducing use of energy via the 'serious game' interface. Results are expected to lead to a better informed public, behaviour transformation and ultimately, significant energy savings, as well as new indicators, standards and shared best practices.

Who and where?

The Leiden, Lisbon, Luleå and Manchester pilot projects' key objective is to improve the energy efficiency of administrative buildings owned by the municipality of each city. The key objective of the Helsinki pilot is to improve the energy efficiency at schools with the support of ICT technologies.

Why?

The main objective of the *SAVE ENERGY* project is to make use of ICT to transform the behaviour of users of public buildings regarding energy efficiency through serious games and real time information from sensors and actuators.

*serious game: phrase used to describe a virtual computer game which is used for professional training purposes.

AT A GLANCE

Consortium:

- **Portugal:** Alfamicro, ISA - Intelligent Sensing Anywhere, Lisboa e-nova, SPI – Sociedade Portuguesa de Inovação, RTS – Real Time Solutions
- **UK:** Manchester City Council, University of Salford
- **The Netherlands:** CeTIM Leiden, Leiden Municipality
- **Sweden:** Luleå Technical University, Luleå Municipality
- **Finland:** City of Helsinki, Green Net Finland, Aalto University, Metropolia, Nokia

Duration:

2.5 years starting from March 2009

Total Cost:

€4.460.010 (EC contribution €2.230.000)

Website and blog:

> <http://www.ict4saveenergy.eu/>
> <http://serious-games.community.ict4saveenergy.eu/>

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