HosPilot: Intelligent Energy Efficiency Control in Hospitals

The concern of European society for the well being of its residents and the sustainability of the environment has led to the consciousness that energy savings need to be at the top of the political agenda. Until recently, the focus of energy reduction has been on schools and offices. Hospitals, however, also use large amounts of energy. Therefore, the project will address specifically the hospital domain. HosPilot will address the two main technology areas Lighting and HVAC, thus covering the largest part of the energy consuming areas. By adding intelligence, ICT will play a vital role to achieve significant energy reduction in the complex environment of a hospital. The main goal of HosPilot is to prove that the proposed energy reduction service leads to reduced energy consumption and improved level of comfort for the end users. This goal will by achieved by identifying requirements of hospitals with respect to the building, its surroundings and its usage; designing a generic methodology addressing the needs, yielding the most energy efficient solution. The methodology will be interlinked with expert knowledge of the various technologies into one holistic energy saving service. Three pilots will be executed in hospitals during normal operation. HosPilot will provide the most advanced ICT technology for future replications at European level. The HosPilot project will support the decision makers with an ICT based service that will drastically reduce the energy consumption of newly built hospitals and existing hospitals being refurbished, increasing well being and comfort. The consortium comprises the required players, – lighting and healthcare industry, industry (including SME) and applied research organisations on energy efficient building construction, system integration and clinical sites – and makes sure that appropriate knowledge is available to introduce the new service. The HosPilot consortium is capable of bringing the best solution forward.

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: €4.34m
- EU contribution: €2.17m
- Project reference: 238933
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- Project status: Closed
- Contract type: ICT Policy Support Programme PB Pilot Type B

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