



19-11-2012

Swegon participating in ground-breaking project for European energy savings.



The iSERVcmb is a complicated name for a simply brilliant concept. Based upon online monitoring data of HVAC systems in a large number of different buildings, the project aims to develop and implement more relevant and precise energy conservation opportunities (ECOs) for the building owners. Swegon, as an innovative market leader and member of the project Steering Group, is actively contributing to the project in order to help establish good energy saving practises

The iSERVcmb is a project sponsored by the European Union and supported by professional trade organisations such as CIBSE and REHVA as well as several renowned European universities and various Energy Agencies. By automatic data monitoring and comparison of 1,600+ real world HVAC systems in 16+ European Member States, the project will help to define good performance for different types of buildings and activities served from an energy perspective including indoor air quality. This will impact the future building standards, with the advantage of cutting through theoretical assumptions, and instead basing the building and energy standards on facts from the real world.

A big advantage for the participating building owners is that the project will provide a continuous "health check" for monitored buildings. The remote data monitoring capabilities will also complement mandatory inspections, as required by the European Building Performance Directive (EBPD), rewarding participating building owners by avoiding costly Inspections in the future, as long as the HVAC monitoring shows low-energy consumption.

As an innovative market leader in HVAC solutions, it is natural for Swegon to be an active part of this project. Swegon is a not only a member of the project's Steering Group, but is also contributing by having the Headquarters factory in Kvänum, Sweden, connected to the project monitoring system. The ambition is to have more buildings with Swegon products connected, since data provided from actual

buildings with highly energy-efficient HVAC systems will help set good examples, shaping the energy requirements in future building and energy standards.

The iSERVcmb webpage: www.iservcmb.info and project co-ordinator Dr. Ian Knight, Knight@cardiff.ac.uk, Cardiff University, UK

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Mini-case study: Swegon´s Headquarters, Kvänum, Sweden



Representative for a complex building with a long history of additions

Total area of 22,000 m²

Activity served production including office and warehouse areas

Total number of units: 41 AHU including all types of GOLD