

Camfil Energy Consultant, Peter Dymont, sits on the new iSERV steering committee

The first full meeting of **iSERV** took place at the University of Pécs, Hungary, on the 13th – 15th September 2011 with a working program of three years duration. This is the first iSERV meeting to introduce the participation of a distinguished steering committee which participated actively in the **iSERV** partners meeting as well as in the first public workshop held for stakeholders. The iSERV steering committee included, amongst others, Camfil's Energy Consultant, Peter Dymont.



Camfil's Energy Consultant, Peter Dymont, participated in the iSERV's new steering committee.

iSERV is a new EU supported project. Its purpose is to improve the current method of identifying energy saving opportunities (ECO's) in Heating Ventilating and Air Conditioning (HVAC) systems. **iSERV** is the largest project to be supported by Intelligent Energy Europe.

The intention is to complement the EPBD policy of mandatory Inspection and Reporting every five years or so by using continuous monitoring and benchmarking of energy usage. The eventual aim is to minimise the need for inspections where a certain level of energy efficiency performance has been demonstrated. This method is suitable for all buildings with one or many individual HVAC systems

The core of the **iSERV** project is a cloud-based database allowing the storage of data record for each site. Statistical analysis of these records will give a detailed and accurate range of benchmarks for these sites and HVAC systems. This will provide a valuable reference resource for ECO identification and also checking and helping regulate future energy use in buildings.

Over the introduction period, the registration of sites from around the EU Member States will enable a profile of energy usage for various end use activities to be established. Energy benchmarks can then be calculated for each type of activity and the priority for effective use of ECO's can be established. The initial number of sites for each country is expected to be around a hundred for each the sixteen EU member states.

iSERV follows on from the original program completed by the *Harmonac* project. *Harmonac* was successful in identifying many ECO's or Energy Conservation Opportunities. Better Air Filters were one of the main ECO's identified.

The optimised selection of air filters using the Life Cycle Costing is a well-known practice and the EUROVENT model is widely recognised. Low Energy Air Filters are the best solution for required clean air quality with minimum use of energy and represent an ECO solution that frequently occurs with significant potential and very short payback time.

iSERV is looking for building owners and stakeholders, facility managers and HVAC system operators who are interested in taking part in this program.

Find out more about ECO's and how building HVAC energy costs may be reduced by visiting the iSERV official website:

<http://iservcmb.info/>

