



Intelligent Energy Europe: Inspection of HVAC Systems through continuous monitoring and benchmarking (iSERVcmb)

We are looking for: Non-domestic organisations

- in the areas of trade, services, public sector and industry,
- who operate HVAC systems with a cooling function (central heating, ventilation and air conditioning systems are just as welcome as split units for individual room cooling), and
- can provide data about the energy consumption of their HVAC system components.

Prerequisites: Monitoring Data

- Ability to provide the power consumption data of your current HVAC system components
- Have dedicated electrical metering on at least one of the HVAC components capable of recording data at sub-hourly, ideally 15 minute, intervals.
- Ability to send the HVAC consumption data to iSERV monthly, over a minimum period of one full year.

Benefits: Reports and Corporate image

- We anticipate average electrical energy savings of better than 10% in participating HVAC systems
- Analysis of the power consumption of your HVAC system, increasing in detail over the project.
- Comparison with other systems around Europe according to activity and HVAC type
- Targeted feedback on potential energy conservation opportunities (ECOs) for your specific system
- Monthly illustrated reports of the bespoke benchmarked performance of your HVAC systems
- Enhancement of your corporate image and brand reputation by reducing your energy consumption and participating in an influential project funded by the European Commission.

Why we do it: Energy Savings and Benchmarks

Work undertaken in this and previous projects shows clearly that adopting an iSERV-type approach to understanding HVAC systems and their energy consumption leads to significant energy and cost savings in most buildings. Already a 25% reduction in total building energy use has been demonstrated in one building at very low cost. To view this case study, click [here](#).

A relatively small amount of buildings in Europe monitor and report their HVAC system performance. This has led to a real absence of publicly available information derived from large scale datasets on the detail of energy consumption of HVAC systems in buildings. As a result there is a lack of information on which to base policy decisions and future legislation regarding achieving energy efficiency in HVAC systems in the EU.

The compiled information from this project will support HVAC manufacturers, installers and energy managers in implementing effective energy saving measures in new and existing HVAC systems.

For all of these objectives to be achieved we need the participation of pioneers like you.

Contact: www.iservcmb.info

If you are interested in participating in iSERVcmb, please visit us at www.iservcmb.info or contact us:



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