

## Collection and analysis of HVAC system energy use in the EU Member States

The iSERV project aims to collect sub-hourly HVAC system energy use data from around 1600 HVAC systems in the EU Member States and analyse this information.

### The overall objectives of iSERV:

- Is to provide some reward to HVAC system owners/operators and manufacturers for addressing the energy efficiency of these systems in their operation and design.
- To establish that the continuous monitoring and benchmarking of HVAC processes will provide energy saving benefits equivalent to or better than those achievable by Physical Inspection alone
- To produce benchmarks of energy consumption by HVAC systems against end use activities derived from measured data around Europe
- To encourage the rapid adoption of more energy efficient HVAC systems through demonstrating their in-use benefits

### The main benefits for the project participants:

- Get feedback on their building energy use patterns and comparisons with similar systems
- Detailed understanding of their HVAC energy consumption
- Get key directions on how to improve in-use energy efficiency of their HVAC systems
- Know how to avoid HVAC system inspections when identified as performing

REHVA will play an active role to get participants enrolment in this project and disseminate the results of the study.

Should you be interested in a direct participation, please do contact the project via the iSERV website <http://www.iservcmb.info/> - or if prior to August 2011 then contact the project Coordinator, Dr Ian Knight, at [knight@cf.ac.uk](mailto:knight@cf.ac.uk). See all details in the announcement on the Build Up portal: <http://www.buildup.eu/news/15861>

Please do spread the information around to possible interested organisations or companies.



## About the Heat Pump Programme and the Heat Pump Centre

The Heat Pump Programme (HPP) is a non-profit organisation in which participants in different countries cooperate in projects in the field of heat pumps and related heat pumping technologies such as air conditioning, refrigeration and working fluids (refrigerants). The aim is to accelerate the use of heat pumps in all applications where they can reduce energy use for the benefit of the environment.

HPP is one of approximately 40 agreements known as Implementing Agreements which operate under the International Energy Agency (IEA), which in turn is linked to the Organisation for Economic Co-operation and Development (OECD).

The members of the Programme are governments, represented by designated entities such as national agencies, public organisations or private companies. Management is vested in an Executive Committee (ExCo), on which all member countries have representatives.

### The Heat Pump Centre - the Programme's information centre

The role of the Heat Pump Centre (HPC) is to serve as the central information source of the Programme, by offering a worldwide information service to support all those who play a part in the implementation of heat pumping technology, on international and national levels. The target groups include policy-makers, agencies, manufacturers, researchers, utilities, designers, end users, installers, and other organisations.

The main activities of HPC include publishing an electronic newsletter, maintaining the Programme's website, creation and distribution of brochures and flyers, generating new activities, supporting the triennial International Heat Pump Conference and supporting the organisation of the Programme.

### International collaboration through National Teams

Each member country has a National Team, which is responsible for promotion of the Heat Pump Programme in its home country. The teams are made up of experts in their countries and work to identify needs and opportunities for new activities within the Programme.

The Heat Pump Programme is the foremost worldwide source of independent information and expertise on the environmental and energy conservation benefits of heat pumping technologies (including refrigeration and air conditioning). The Programme conducts high-value international collaborative activities to improve energy efficiency and minimise environmental impact.

Source: The Heat Pump Centre ([www.heatpumpcentre.org](http://www.heatpumpcentre.org))