

## Gruber Christoph

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**Cc:** Ian Knight; Afroditi Maria Rozita Konidari  
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### Energy efficiency of HVAC systems – up to 25% electricity savings through participation in the European Commission funded iSERVcmb project

While it is becoming common to analyse the energy consumption in a building and invest in energy efficient technologies, HVAC systems are lagging behind. Their energy consumption disappears in the general electricity bill with separate meters seldom installed. The iSERVcmb Project is designed to shed more light onto this subject, as well as to encourage monitoring and establish energy benchmarks for HVAC systems. Now, half way through the project, interim findings from a UK building show total building electrical energy savings of around 25 % have been achieved as a result of focussing on the HVAC system control and operation. **To read more please view the attached document or visit [our website](#)**

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Join iSERVcmb and analyse the power consumption of your HVAC system, compare it with other systems around Europe according to activity and HVAC type and we will send you **free monthly illustrated reports** of the bespoke benchmarked performance of your HVAC systems with targeted feedback on potential energy conservation opportunities (ECOs) for your specific system. For more information please visit our website [www.iservcmb.info](http://www.iservcmb.info).

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### Why we do it: Benchmarks

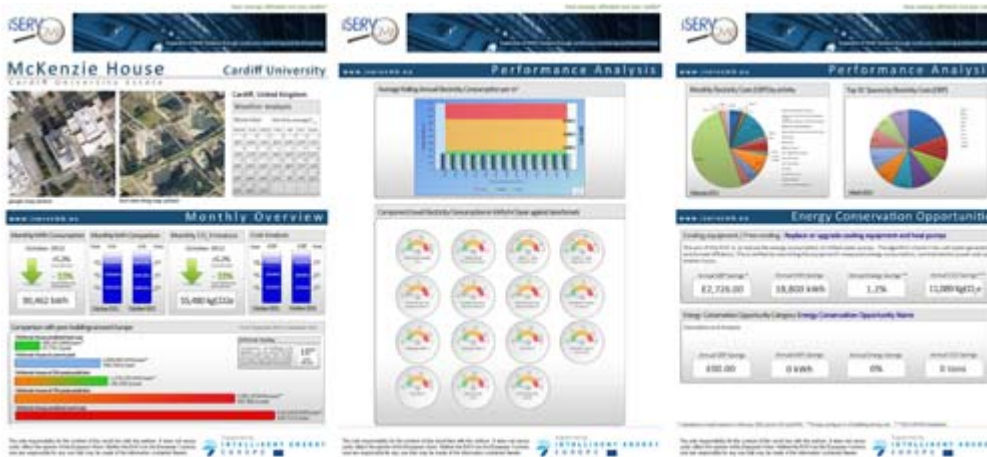
Work undertaken in this and previous projects shows clearly that adopting an iSERV-type approach to understanding HVAC systems and their energy consumption leads to significant energy and cost savings in most buildings. Already a **25% reduction in total building energy use** has been demonstrated in 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.

**iSERVcmb Mock Up Report:** <http://www.iservcmb.info/content/iservcmb-mock-report>



**Contact:** [www.iservcmb.info](http://www.iservcmb.info)

 <http://www.linkedin.com/iSERVcmb>

If you are interested in participating in iSERVcmb, please visit us at [www.iservcmb.info](http://www.iservcmb.info) or contact us:



**Dr Ian Knight      Afroditi Konidari**

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Project Management - Cardiff University

Yours Sincerely,

A handwritten signature in cursive script, appearing to read 'A.M. Konidari', with a horizontal line underneath.

Afroditi Maria Konidari

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