

## European Commission projects

### iSERV

The iSERVcmb project has now completed 18 months of its 3 year period. It has already achieved some notable outputs and impacts including:

- A sophisticated spreadsheet for collating and understanding HVAC systems in new and existing buildings.
- The on-line database is up and running, with a series of specific reports currently being written to leverage the data in the database on the buildings and the systems installed.
- 35 buildings, 213 HVAC systems and 1096 HVAC components have been entered into the database at the present time.

iSERV predicted electrical energy savings of between 5 to 60% in individual HVAC systems assuming no previous focus on reducing energy use. McKenzie House in Cardiff University has achieved a reduction in its overall BUILDING electricity use of over 30% since efforts to reduce energy use started in 2005, of which 22% (or 43 kWh/m<sup>2</sup>) is due to better control of the existing HVAC equipment. In this one building the monetary value of the electrical savings alone is over €80,000 per annum.

The project is still looking for owners with HVAC systems which have dedicated energy monitoring for at least some of their HVAC components. If you are interested in helping set new benchmarks for HVAC systems components and potentially saving significant amounts of money please register your interest at [www.iservcmb.info](http://www.iservcmb.info) and one of the iSERV partners will contact you to tell you how to enter your system into the project online database.

### 3ENCULT workshop on comprehensive energy efficiency solutions

3ENCULT organised a workshop on comprehensive energy efficiency solution linked to a 2-day project meeting in Salamanca end of October. Within the morning part of the Workshop the case study of the Fortification Depot in Copenhagen was taken as a basis for exercise. Partners prepared proposals and ideas to be discussed with the Danish Local Case Study Team.

The project 3ENCULT bridges the gap between conservation of historic buildings and climate protection by developing passive and active solutions, new technologies and monitoring tools for conservation and energy efficient retrofit of historical buildings. Eight case studies will demonstrate and verify solutions that are applicable to the majority of European built heritage in urban areas.

You can find more information about 3ENCULT in the project website: [www.3encult.eu](http://www.3encult.eu)

### IDES-EDU

The IDES-EDU project educates students and professionals for Integral Sustainable Energy Design of the Built Environment. 15 universities develop the curricula and training programmes for MSc students and professionals within a European framework. The courses will be adapted and implemented within national consortia joining all relevant stakeholders: representatives of the building sector (constructors, real estate developers, architects, building research institutes, utilities, suppliers, consultants) and accrediting bodies. The content of the educational modules is now under finalization and will be soon available on the project website.

Based on the elaborated training material IDES-EDU team organized a seminar for architects and civil engineers in Pinkafeld linked to the e-nova International Congress 2012 on Sustainable Buildings – Standards – Requirements – Challenges held on 22 – 23 November.

You can find more information about IDES-EDU in the project website: <http://www.ides-edu.eu>

## European Commission news

### Heads of major European companies set out economic case for binding EU energy saving target

The heads of major European companies called on 20 November upon the European Commission to set a binding energy saving target in its Energy and Climate framework for 2030.