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Dear reader

Also during the last month of 2010 European experts and stakeholders are busy bringing forward the issue of energy efficiency. In the BUILD UP December newsletter you will find in addition to interesting publications, best practice cases and events – like the upcoming EU Sustainable Energy Week in April 2011 -, what kind of actions with focus on energy efficient buildings were started by the EU Parliament, the EU Commission and the EU Member States during the last weeks.

We wish all newsletter readers and users of the BUILD UP portal a merry Christmas and a happy new year.

Your BUILD UP team.

Discover the latest and most interesting items posted by the BUILD UP users this month:

Publications



Energy performance certification: a policy tool to improve energy efficiency

This document from the International Energy Agency focuses on best practice in implementing building energy certification programmes. It couples the EPBD experience with that of other countries (including Australia, Singapore and the United States) that have implemented voluntary energy and environmental building certification schemes to map key elements and milestones in developing certification schemes. ...[more](#)

Cool Roofs in Europe: initiatives and examples

Five case studies were implemented, within the framework of the Cool Roofs project, to demonstrate cool roof capabilities in real buildings, in terms of improving the thermal conditions in non-air conditioned buildings and reducing the energy consumption in air-conditioned buildings. The case studies were monitored, in regard to their energy performance and indoor environment, before and after the ... [more](#)

Changing lifestyles, changing climate - the role of housing in the EU

This policy paper presents the conclusions drawn from a series of four lectures that was organised by the European Housing Forum from March to June 2010 on the impact of changes in lifestyle and demography in the field of housing. The document debates the role the EU and European housing stakeholders should play in tackling various housing matters , including that of energy efficiency. The outcome ... [more](#)

More publications can be viewed here: [Click here](#)

Cases



Highlighted Case December 2010: Olbersdorf: Comprehensive refurbishment of a school listed as a historic monument

A model project for the research topic of "Energy-efficient schools": The school in Olbersdorf provides an example of a successful compromise between historic conservation and energy-based refurbishment. In order that the building, which was constructed in 1928, could also be used in the future as a school, it was necessary to considerably reduce the energy costs. The most important starting point ... [more](#)

Accrington EcoStation

Accrington EcoStation is the UK's first eco railway station. The scheme sponsor is Lancashire County Council. The architect (and author of the Design Report, attached) is SBS Architects Ltd (Manchester), the Structural and Mechanical and Electrical Engineer is Halcrow Yolles and the quantity surveyor is Cyril Sweetts. Energy consumption is minimised primarily through passive design. The design provides ... [more](#)

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Communities



Solar shading

Demonstrate solar shading as an efficient saving measure in buildings ... [more](#)

Energy Performance Contracting (EPC)

Community to exchange on EPC projects and to stimulate adoption of EPC across Europe ... [more](#)

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Events



World Sustainable Energy Days 2011

In the last 12 years, the annual World Sustainable Energy Days conference attracted more than 10,000 decision makers and experts from 98 countries - you can find a review & pictures & a video of the 2010 event on our website. On the conference website [www.wsed.at](#) - which will be regularly up-dated in the coming months - an online registration form is available. ... [more](#)

EU Sustainable Energy Week

The next EU Sustainable Energy Week will take place across Europe from Monday, 11 April, to Friday, 15 April, 2011. The EU Sustainable Energy Week showcases the latest innovations in energy efficiency and renewable energy technology, policy and practice through a varied programme of events and happenings across Europe. Anyone can organise and take part in events during the Sustainable Energy Week, ... [more](#)

Intelligent Energy - Europe European Info Day

The European Info Day 2011 will give you an update on the European policy for renewable energies and energy efficiency, present you the Intelligent Energy-Europe (IEE) programme and the priorities of its 2011 call for project proposals, present ongoing IEE projects and the ingredients of their success, tell you how to apply for IEE funding and give the best chance for your project to be selected, ... [more](#)

Other events: [Click here](#)



Discover 'IEE mag': the new Intelligent Energy - Europe magazine

Discover "IEE mag", the new magazine that covers a wide range of projects, actions and initiatives running under the Intelligent Energy – Europe programme. This first issue explores the topic of energy education across Europe, with a rich set of testimonials, interviews and reports. The magazine is available in six language versions: English, French, German, Italian, Spanish and Polish. The magazine ... [more](#)

Mid-term evaluation of the non-nuclear energy research and demonstration projects supported by DG Energy under the 7th Framework Programme (FP7)

This report presents the mid-term evaluation of the non-nuclear energy research and demonstration projects supported by DG Energy under the 7th Framework Programme (FP7). The report of ECORYS Nederland BV presents the findings and conclusions against each of the main evaluation questions and then presents and describes a series of recommendations structured via the main stages of the programme life ... [more](#)

Energy performance of buildings: the Commission asks Italy and Spain to ensure full compliance with European legislation

On 24 November 2010 the European Commission formally requested Italy and Spain to ensure full compliance with European rules on the energy performance of buildings. These rules should in particular enable European citizens to benefit from all relevant information about the buildings which they buy or rent. They also require each Member State to provide for a scheme for the regular inspection of boilers and ... [more](#)

Future energy strategy: EU Parliament resolution says energy efficiency should top the EU agenda

Energy efficiency should be a key priority of Europe's energy strategy for 2011-2020, say MEPs in a resolution adopted on Thursday. Applying existing legislation in full, promoting energy projects and strengthening EU external energy policy are among the other priorities. The future strategy should also strive to achieve a single energy market, security of supply and affordable energy prices for all ... [more](#)

Sustainable energy communities projects to provide assistance to the Covenant of Mayors

Five Intelligent Energy - Europe (IEE) Sustainable Energy Communities (SEC) projects have joined forces to disseminate news and information on innovative local action that can inspire cities and regions to meet EU targets for 2020 on greenhouse gas emissions, energy efficiency and the use of renewable energy. These five projects - ENNEREG, Energy for Mayors, City_SEC, come2CoM and ENESCOM – aim to ... [more](#)

News from the countries



The Greek Ministry announced the programme "Building the Future"

On November 4, 2010 the Greek Ministry of Environment, Energy and Climate Change, presented the programme "Building the Future", a programme for Sustainable Buildings and Green Development. In the framework of this programme, which will start early 2011 and will last until 2020, there will be 3,100,000 energy interventions in buildings (houses, apartments and commercial buildings), while the benefit ... [more](#)

Estimates of home insulation levels in Great Britain

On November 30, 2010, the Department of Energy and Climate Change has published estimates of the number of homes in Great Britain with loft and cavity wall insulation. At the start of July 2010 there are 26.5 million homes in Great Britain. Of these 23.2 million have lofts and 18.6 million have cavity walls. 12.3 million homes had loft insulation of at least 125 mm. 10.3 million homes had cavity wall ... [more](#)

Central Baltic capitals join forces in climate action

The capital cities of Stockholm, Helsinki, Riga and Tallinn are joining forces in a collaboration project to combat climate change and increase energy efficiency. Through this project the participating cities support each other in the development of Sustainable Energy Action Plans, while at the same time raise public awareness of the importance of energy efficiency. COMBAT (Covenant of Mayors in the ... [more](#)

Making better use of energy performance certificates and data

Energy performance certificates and display energy certificates have an important role to play in improving the energy efficiency of buildings. The UK administration put forward a number of proposals in a consultation document entitled 'Making better use of Energy Performance Certificates and data'. The consultation closed on 25 May 2010, it received 140 responses which came from a wide range of organisations ... [more](#)

Close the Door Campaign: New research proves closing a shop door in winter saves up to 50% in energy usage and carbon emissions

New research from Cambridge University proves exactly how much energy is wasted by shops leaving their doors open with the heating on. The campaign originated in Cambridge and is now nationwide. In Cambridge initially 8 shops agreed to close their doors against energy waste; this number has now risen to over 300 of all types and sizes. The campaign enjoys broad cross-party endorsement and has many ... [more](#)

INTERACT WITH BUILD UP



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Submit your items to extend the content and knowledge on BUILD UP

If you are aware of other publications, events, tools or best practice cases in the field of energy efficiency in buildings, join the portal and submit the information. Other users will benefit from the extended available knowledge.

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