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Dear reader

Summer has approached. Many have already started or are currently preparing the holiday season, but the European activities in the field of energy efficiency in buildings don't take a break. In this newsletter you'll find a fine selection of information available on BUILD UP like the recently launched European initiative "Smart Cities", the newly proposed EU Energy Efficiency Directive or the establishment of a National Round Table for energy efficiency in France. Additionally, we present shining examples of energy efficiency in schools and residential buildings and the proceedings of the BUILD UP Users and Stakeholders Committee in June.

Your BUILD UP team.

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

Publications



CIBSE Briefing: The recast Energy Performance of Buildings Directive

This briefing from The Chartered Institution of Building Services Engineers (CIBSE - United Kingdom) summarises the provisions of each article of the recast of the EPBD, with a brief description of the changes and their likely implications. ... [more](#)

Energy saving glazing solutions and a low carbon economy

This Glass for Europe brochure on 'Energy saving glazing solutions and a low carbon economy' provides answers to the most frequently asked questions of policy-makers and the general public about the benefits and added-value of energy saving glass. With application, it illustrates just how much Europe could gain from a robust policy to increase the energy efficiency of its buildings. ... [more](#)

Comparison of Building Certification and Energy Auditor Training in Europe

Taking into account the importance of the EPBD Directive, the ENFORCE project has considered it useful to carry out a comparative analysis within the Member States involved in the project (Italy, Greece, Portugal, Slovenia and Spain as well as Austria), regarding the Directive implementation. In particular, this analysis referred to Energy Certification Assessor (ECA) training, ECA qualification and ... [more](#)

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Cases

Kingspan Lighthouse Highlighted Case July 2011

The Kingspan Lighthouse was launched at the UK Building Research Establishment's (BRE) Innovation Park in 2007 and at the time was the most advanced house ever produced in the UK for mainstream construction. With annual fuel costs of just £30, Lighthouse pushed the boundaries of modern housing design and was the first house to achieve the highest level of the UK government's 2006 Code for Sustainable ... [more](#)

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Communities

A Common Language for Sustainable Construction

The purpose of this tool is to ensure a common understanding of the terminology used within the framework of sustainable construction. ... [more](#)

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Events

IFHP World Congress: The Impact of Housing on the Economy

This year's IFHP World Congress will explore the connection between housing, planning, sustainability and the broader economy. In particular, we will take a good look at how we can make the case to plan for longer-term

economic, social and environmental value as opposed to shorter-term financial gains. As part of this discussion, we will also be focusing on making the case for retrofitting housing ... [more](#)

World Sustainable Building Conference SB11 Helsinki

The aim of the World Sustainable Building Conference in Helsinki is to share leading knowledge, and also to find new solutions which can enhance sustainable ways of living and working within built environments. To improve our current understanding on sustainable building and to develop innovative solutions for the present and future, SB11 Helsinki will provide a vivid forum for discussion and networking. ... [more](#)

Other events: [Click here](#)

Tools

New: IT-Toolkit for Energy Efficient Retrofit Measures

The IT-Toolkit for Energy Efficient Retrofit Measures out of IEA Annex 46 is a collection of computer tools for public buildings. The free of cost toolkit supports owners and planners of public buildings at the following tasks: Identification of buildings with too high energy uses, energy efficient operation of buildings, detailed inventory and building documentation, ideas for energy efficient refurbishments, ... [more](#)

Read about other interesting tools: [Click here](#)

News from the EU

Energy Efficiency Directive: strong impetus to energy savings and energy efficiency

On 22 June 2011, a new set of measures for increased Energy Efficiency was proposed by the European Commission to fill the gap and put the EU back on track. The proposal for this new Energy Efficiency Directive brings forward measures to step up Member States' efforts to use energy more efficiently at all stages of the energy chain – from the transformation of energy and its distribution to its final ... [more](#)

BUILD UP Users and Stakeholders Committee of 30 June 2011: Proceedings now online!

On 30 June 2011, the Executive Agency for Competitiveness and Innovation (EACI) and Directorate-General for Energy (DG ENER) of the European Commission held the BUILD UP Users and Stakeholders Committee in Brussels. Minutes and presentations are now available! ... [more](#)

Energy Commissioner Oettinger launches European Smart Cities and Communities Initiative

Brussels, 21 June 2011: Speaking to 500 representatives of cities, business, the financial sector and research institutions EU Commissioner for Energy Günther Oettinger launched the EU's new Smart Cities and Communities Initiative, the EU's programme for the energy efficient cities of tomorrow. ... [more](#)

Improving the EU's energy efficiency

Energy efficiency is one of the most cost effective ways to ensure energy supply and it is, at the same time, a key tool in combating climate change. That is why on 10 June 2011, the Energy Council called for efforts to tap the potential for higher energy savings of buildings, transport and products. ... [more](#)

IEE project "Young Energy People" wins prestigious Ashden Sustainable Energy Awards 2011

The IEE project "Young Energy People" won the prestigious Ashden Sustainable Energy Award 2011 in the category of school energy projects. To date, more than 700 pupils witness and observe energy saving measures being implemented at their schools. The innovative project turns young people into committed ambassadors for a better use of energy. ... [more](#)

Sustainable Competitiveness of the Construction Sector

In the autumn of 2011, the European Commission will present a communication on the sustainable competitiveness of the construction sector. This study was initiated in 2010 by the European Commission DG ENTR, unit G5 "Construction, Pressure Equipment and Metrology" with the purpose of analysing the needs of the sector as well as the foundation and the feasibility of launching a renewed competitive agenda. ... [more](#)

News from the countries



Romania loses billions of euros for not selling the surplus of CO2 certificates

Romania owns a surplus of 300 millions of CO2 certificates that were of great value three years ago when Romania could have easily obtained 3 billion euros if sold then. Meanwhile, they lost their value and the state could only get 1.2 billion euros. However, the government did not manage to sell the certificates as the necessary legislation was adopted last year only. ... [more](#)

Tenants move into the world's first passive high-rise building in Freiburg, Germany

After 18 months of refurbishment work, former and new tenants began moving into the world's first high-rise building built to a passive house standard, in the Weingarten quarter of Freiburg, at the end of April 2011. The primary energy required for space heating, DHW heating, ventilation, lighting and domestic electricity has been reduced by 40 percent. Research on the model project continues. ... [more](#)

Energy performance of buildings: Belgium called upon to comply with EU legislation

On 16 June 2011, the European Commission issued a reasoned opinion to Belgium for not having yet fully transposed the EPBD. The Walloon Region has not adopted rules on the issuing of energy performance certificates for new buildings, nor has it made it mandatory to display these certificates visibly in buildings of more than 1 000 m². The Brussels Capital Region's timetable for putting in place. ... [more](#)

New National Round Table for energy efficiency launched in France

The French Environment, Sustainable Development, Transport and Housing Minister and the President of the French Agency for Environment and Energy Management (ADEME) launched 31 May 2011 a new "Table Ronde Nationale pour l'Efficacité Energétique". Three working groups, composed of representatives from French Ministries, local communities, non-governmental organisations, employers, workers, consumers. ... [more](#)

Another step towards energy turnaround: The first Energy Surplus School has now joined the grid

On 15 and 16 June 2011 Fraunhofer Institute for Building Physics has organised the annual EnEff:Schule Symposium on the occasion of the start of operation of the first energy surplus school at Hohen Neuendorf. The energy concept of the surplus energy school at Hohen Neuendorf is based on a very high insulation level of the

building envelope and a biomass combined heat and power unit. Photovoltaic ... [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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