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## Dear reader

Fukushima has grabbed the attention of nearly everybody during the last months. Significant shifts in setting up the short and medium energy policy concepts have been made in several countries. In all discussions it became evident that the building sector has to bear a major load to secure the new energy strategies.

In this newsletter you will find a selection of activities which have taken place in different political committees and stakeholder events, as well as the brand new publication on the implementation status of the EPBD in all Member States and other publications around the cost-optimum building performance requirements verification procedure requested in the EPBD recast.

Before reading further, take a few minutes to help us improve BUILD UP by answering a short survey on the portal and win one of ten hardcopies of the first highlighted publication. To take the survey now [click here](#).

Your BUILD UP team.

P.S.: It's been a while since our previous newsletter. This issue comes to you through the renewed BUILD UP service contract which recently commenced. Expect several new developments and updates in the portal, as the new team gets running full steam.

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

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## Publications

### **Implementing the Energy Performance of Buildings Directive (EPBD) - Featuring Country Reports 2010**

This book summarises the main outcomes of the work performed in the framework of the IEE EPBD Concerted Action 2007-2010 programme. ... [more](#)

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## Let's speak sustainable construction - multilingual glossary

The publication contains the English, French, German and Spanish versions of the Sustainable Construction Glossary. ... [more](#)

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## Cost optimal building performance requirements

The EPBD recast requests that Member States shall ensure that minimum energy performance requirements for buildings are set "with a view to achieving cost-optimal levels". The cost optimum level shall be calculated in accordance with a comparative methodology. In May 2011 eceee presented a new report with the aim to contribute to the ongoing discussion in Europe concerning the details of such a methodology ... [more](#)

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

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## Cases



### Daycare Center "Die Sprösslinge", Monheim (Germany) Highlighted Case June 2011

The daycare center "Die Sprösslinge" in Monheim is a workplace childcare facility for children of Bayer employees. It contains offices, classrooms, and recreation areas hosting approx. 60 children + staff. Enclosed space: 3 556 m<sup>3</sup> / floor space: 1064 m<sup>2</sup>. The building was designed as a zero energy building on the basis of a wooden frame construction. Thanks to the use of innovative technologies, the ... [more](#)

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### HosPilot project - Intelligent Energy Efficiency Control in Hospitals: EPSHP pilot case

The HosPilot project aims at supporting decision makers by providing an integrated approach which helps drastically reduce the energy consumption of newly built hospitals and existing hospitals being refurbished, increasing well being and comfort. The main objective of the project is to develop a methodology that will be able to provide a hardware description for an energy efficient system for any ... [more](#)

Discover other cases and rate them: [Click here](#)

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## Communities



### Cool Roofs

This community aims at exchanging information on the technical, policy and market aspects of cool roofs technology among scientists, consulting engineers, manufacturers, policy makers etc. ... [more](#)

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### Inside insulation

Inside insulation is a key factor to realize the 2020 target as the heat loss by conduction through the solid external walls accounts for 45% of the total heat loss through the envelope of an un-insulated house. ... [more](#)

To visit and join other communities: [Click here](#)

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## Events



### PLEA2011 Architecture & Sustainable Development

The objective of the PLEA 2011 conference is to bring together architects, professors and researchers to address questions raised by the different contexts into which sustainable architecture must be integrated, including issues related to the different areas of its application, ranging from urban structures to materials and components. The 30th anniversary of PLEA will be an opportunity to compare ... [more](#)

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### Cost optimal ways to Nearly Zero Energy Buildings

The international workshop aims at showing a variety of ways in which definitions of cost-optimal nearly zero energy buildings in neighboring European countries are defined and methodically described. For this reason, international experts were invited to give lectures. In addition, the European network "Concerted Action EPBD", in which Germany leads the corresponding core theme, discusses the topic. ... [more](#)

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## **ECOS 2011 - 24th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems**

ECOS 2011 will be the 24th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems. It has received about 400 abstracts already, and due to some server and communications difficulties we extended the abstract submission deadline to 3 January 2011. The main topic of the conference is international and regional cooperation for sustainable development ... [more](#)

Other events: [Click here](#)

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### **Tools**



#### **ENERGUY**

ENERGUY is a game developed by the "Agence de l'efficacité énergétique Québec" in which you have to take a guy called "ENERGUY" by the hand to help him save energy at home. ... [more](#)

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

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### **News from the EU**



#### **Still some time left to take the BUILD UP survey!**

The BUILD UP survey will be closed after 30 June. Please take a moment to fill in your input and help us improve your experience in [www.buildup.eu](http://www.buildup.eu) ... [more](#)

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#### **Information on the EPBD recast Cost-optimal Framework Methodology**

DG ENER has compiled the available information on the cost optimal framework methodology including the documents and presentations delivered at the two workshops held in March and May 2011 on one website page ([http://ec.europa.eu/energy/efficiency/buildings/buildings\\_en.htm](http://ec.europa.eu/energy/efficiency/buildings/buildings_en.htm)). Also, a working document on the comparative methodology framework for calculating cost optimal levels of minimum energy performance ... [more](#)

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## EU Sustainability Week Awards

A total of 303 projects were presented in this year's annual Sustainable Energy Europe Awards Competition for the best-in-class initiatives to promote renewable energy or energy efficiency. The Awards Ceremony is one highlight of the EU Sustainable Energy Week and attracts media interest from across Europe. ... [more](#)

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## Energy Efficiency Plan topic discussed during Sustainable Energy Week 2011

The Commission's Energy Efficiency Plan 2011 was discussed and debated with delegations from national parliaments during the EU Sustainable Energy Week on 12 April 2011. The event focused on the way forward as regards the promotion of energy efficiency in Europe. ... [more](#)

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## Construction Products Regulation published in Official Journal

Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC (CPR) was published in the Official Journal of the European Union on 4 April 2011 and entered into force on 24 April 2011. ... [more](#)

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## Commission launches public consultation on Green Public Procurement

In March 2011, the European Commission published a Green Paper with a consultation on Public Procurement. The purpose of the exercise is to simplify procedures and open public procurements to all economic actors, including SMEs, add green requirements and tackle corruption. ... [more](#)

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## News from the countries



### Germany: Switching to the electricity of the future

Speaking in the German Bundestag, Chancellor Angela Merkel has officially announced that Germany will cease to use nuclear power by 2022. The turning point for the German energy policy were the events in Fukushima. In a government statement Merkel informed the Bundestag about far-reaching projects to put energy supplies on an entirely new footing. One of the major strategies in the new energy policy ... [more](#)

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## London Mayor gives go ahead for £116.5 million energy efficiency programmes

The Mayor of London has confirmed the continuation of key energy efficiency programmes funded by the London Development Agency which will set the capital firmly on track to create green growth and new jobs in a low carbon economy. ... [more](#)

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## A new airtightness network was founded in the Czech Republic

Recently, an association of professionals performing airtightness measurements of buildings (an airtightness network) was founded in the Czech Republic. ... [more](#)

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## New buildings in Andalusia to need energy certificate

All new buildings and industries in Andalusia will have to obtain a certificate of efficient energy usage, under a new decree which intends to find savings of 400,000 tons of petrol over seven years. The certificates will have a duration of ten years. ... [more](#)

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## Bellenberg results prove energy-positive buildings possible

Measurements of the energy performance at Hydro's aluminium building systems test center in Bellenberg, Germany, show that the building is generating 80 percent more electricity over the course of a year than it needs for its own consumption. ... [more](#)

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## INTERACT WITH BUILD UP



### You can also provide news for the BUILD UP Newsletter

Have you found some interesting news in the newsletter? Much more news is available in the [news section of BUILD UP](#). Also you can provide news for this portal. All you have to do is use the news upload template ([click here](#)) and your information will be spread Europe-wide to interested readers.

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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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## Subscribe - unsubscribe

If you want to regularly receive the BUILD UP news [click here](#) and subscribe to the BUILD UP newsletter.

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