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Dear reader

The European Commission is organising the 2010 edition of the EU Sustainable Energy Week from 22 to 26 March 2010 with central activities in Brussels and Energy Days in the Member States. It will be an opportunity to learn more about the future directions for Energy Efficiency and Renewable Energy Sources from the new Commissioner for Energy, Günther Oettinger, who will be delivering a keynote speech on Tuesday 23 March 2010 at the opening event in Brussels. At the same day, a specific event on energy efficiency in buildings will take place, featuring presentations on the outcome of the EPBD recast and the forthcoming challenges of implementation, as well as on the role of the public building sector to lead the way to an energy efficient economy.

This BUILD UP newsletter specifically highlights the importance of the EUSEW event concept, but also presents studies of barriers faced during the early implementation of the EPBD and on refurbishment of private homes. We hope you enjoy reading.

Please also visit us at the BUILD UP stand (Charlemagne building, floor 2, Brussels) and discover how the BUILD UP interactive web portal can further be of interest to you in your daily business.

Your BUILD UP team.

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

Publications



Barriers and good practice examples identified during early implementation of the EPBD

During the transposition and early stages of implementation of the EPB Directive into national practices, several issues appeared either as barriers, or as points for discussion. This paper, which is part of a study in the framework of the ASIEPI project funded by the Community's Intelligent Energy Europe programme, aims to analyse the most common, or most critical of these discussion points for the... [more](#)

Guidelines for the Evaluation of Building Performance

These guidelines from the European Project BuildingEQ describe a 4-step procedure for the cost effective performance analysis of buildings that follows a general top-down approach and which tries to combine the outcomes of the certification process according to EPBD with continuous commissioning. The idea of this top-down approach is to put effort in form of measurements and analysis only where and... [more](#)

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Cases



Editor's choice of the month: Home for Life

Home for Life produces more energy than it consumes. With an energy surplus of 9 kWh/m²/year, it takes approximately 40 years for the house to generate the same amount of energy that was used to produce its building materials. At that point, the house will have returned more to nature than it consumed. A solar heat pump and 7 m² solar collectors generate energy for heating and hot water, while 50 m²... [more](#)

A very efficient office building in the South of France

This passive office building has been built in 2006 near Valence, in the South of France. The three levels building (2618 m²) uses insulating bricks (50 cm) and wood, strong insulation of the grass roofs and low emissivity glazing. Heating is produced by a gas condensing boiler providing hot water to radiators and to the balanced air handling unit (with heat recovery) of the ventilation system. The... [more](#)

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Communities



Inspection of boilers and air-conditioning systems

This community aims to share knowledge and discuss experiences on the inspection of boilers, heating installations and air-conditioning systems as required by the Energy Performance of Buildings Directive (EPBD). This community is particularly interested by the transposition of articles 8 and 9 of the EPBD by European Union Member States into their national laws. An other issue concerns the methodologies ... [more](#)

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Events



EU Sustainable Energy Week 2010

The theme of the sustainable energy week 2010 is "Intelligent energy in cities". The events during the week will be organised in many European cities with a link to the Covenant of Mayors. The events include also a 3-day conference in the Commission's Charlemagne and Borschette Buildings in Brussels during 23-25.3.2010. The Sustainable Energy Europe Award will be presented at the end of the first... [more](#)

From recast to reality - public authorities leading the way to more energy efficient buildings

The new Directorate-General for Energy (DG ENER) of the European Commission invites you to a workshop on energy efficiency in buildings. This event will take place in Brussels on Tuesday 23 March 2010 from 14.00 to 17.30 as part of the EU Sustainable Energy Week 2010, the reference event for sustainable issues in Europe. Key issues ahead of the implementation of the Energy Performance of Buildings... [more](#)

Other events: [Click here](#)

Tools



SIMSOL

SimSol is a simulation tool for predicting thermal performance of Solar Domestic Hot Water Systems in residential or commercial buildings. ... [more](#)

NKN

The NKN calculation tool is based on the national calculation method and is created upon a simple spreadsheet in order to combine a compact and simple structure with easy access to testing the calculation methodology. The calculation methodology of this National calculation tool is based on the delivered energy needed under standard indoor and outdoor conditions. Energy consumption of the building... [more](#)

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

News from the EU



EU Sustainable Energy Week offers Energy Days in your region

Energy Days include a wide range of activities: exhibitions, conferences, online events, performances, guided tours, open door days, workshops, celebrations, media campaigns. Together, they point the way to the wider use

of renewable energy and more rational energy usage. Find interesting events close to you at <http://www.eusew.eu>. ... [more](#)

Presentations and video recordings from the IEE Info Day are available for download

The European IEE Info Day 2010 was held in Brussels on 3 February 2010. More than 600 participants attended the event. Pdf-files of all presentations about the Intelligent Energy Europe programme and future funding opportunities as well as video recordings in German, French, English, Italian, Spanish and Polish are now available on the Intelligent Energy Europe website. ... [more](#)

Updated version of EU Commission's Statistical Pocket Book 2010 on Energy Data and Emissions Data available

The European Commission has announced on 02/02/10 that the Statistical Pocket Book 2010 on Energy Data and Emissions Data (Part 2 and Part 4) has been updated. The printed version of the Statistical Pocketbook 2010 will be available in spring ... [more](#)

News from the countries



55 nations pledge to cut emissions under Copenhagen Accord

Following the conclusion of the climate change talks in Copenhagen, the United Nations Framework Convention on Climate Change (UNFCCC) has received submissions of national pledges to cut and limit greenhouse gases by 2020 from 55 countries. These countries together account for 78 per cent of global emissions from energy use. ... [more](#)

UK: Cash rewards for low carbon electricity and heating

Households and communities who install generating technologies such as small wind turbines and solar panels will from April be entitled to claim payments for the low carbon electricity they produce. Minister Ed Miliband announced on 1st February 2010 the Feed-in Tariff (FITs) levels and also published a blueprint for a similar scheme to be introduced in April 2011 to incentivise low carbon heating... [more](#)

New German study: Why building owners hesitate to refurbish their buildings

Despite increasing energy prices many building owners are reluctant to refurbish their building in an energy efficient way. This is the result of a poll answered by 1000 single and double-family house owners which was performed by the Institut für sozial-ökologische Forschung (ISOE). In the project EnEf-Haus ISOE has analysed

together with the Institut für ökologische Wirtschaftsforschung (IÖW) and ... [more](#)

A report on fuel poverty to the French Government

A report on fuel poverty has been delivered to French government on 6 January 2010. It is based on nearly 80 contributions from actors of solidarity, housing, energy management, energy suppliers, funders and elected officials. The report proposes a definition of fuel poverty, resulting from the combination of three main factors: low income, poor thermal quality of housing occupied and difficulty of ... [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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