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Dear reader

We are currently experiencing some very challenging developments that will strongly influence the national energy policies. Because of the economic crisis the public opinion may slightly tend towards postponing further tightening of energy performance requirements. However, at the same time the daily discouraging news about the Mexican Gulf disaster suggest to reduce the dependency from fossil fuels as soon as possible. The announcement of the recasts of the Energy Performance of Buildings Directive and of the Product Energy Labelling Directive which have just both been published in the Official Journal are a very welcome development in such challenging days.

This newsletter also presents interesting progress reports of the social housing sector and successful initiatives in the energy efficiency in buildings sector. We hope you enjoy reading.

Your BUILD UP team.

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

Publications



Directive 2010/31/EU of the European Parliament and of the Council of 19 May 2010 on the energy performance of buildings (recast)

English version of the recast of the Energy Performance of Buildings Directive. ... [more](#)

Achieving energy efficiency in housing - The way forward - A needs analysis of European social, cooperative and public housing organizations

Almost 1200 local cooperative and social housing organizations throughout the EU were asked what it would take to help them to radically reduce energy consumption and increase the use of renewable energy in the homes they build, own and manage. They were asked to outline what they perceive to be the key challenges and the main obstacles blocking progress in this field. Over 300 organisations provided ... [more](#)

Impact, compliance and control of legislation - Assessment and improvement of the EPBD impact

While the European Energy Performance of Buildings Directive (EPBD) imposes Member States (MS) to set

requirements, it does not specify the severity of those requirements, nor the measures to be taken to control implementation. Consequently, MS can fulfil the requirements of articles 4 through 6 of the EPBD (minimum energy performance requirements for new and renovated buildings) without increasing ... [more](#)

Building the future - Building blocks of energy performance

In order to support policy development, the European Commission funded a cluster of Ecobuildings projects under the 6th Framework Programme. Among other activities, these projects worked out a range of recommendations for facilitating the uptake of new technologies and for stimulating the refurbishment of existing buildings. This report details these recommendations. ... [more](#)

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Cases

Highlighted Case June 2010: Solhuset

SOLHUSET is a nursery designed and built according to the Active House vision of developing buildings that give more than they take. It is designed to use less energy than the requirements of the 2015 Danish building regulations. The technologies, products and renewable energy solutions included, such as solar thermal collectors and pv-panels result in a surplus energy production of 8 kWh/m²yr. The ... [more](#)

Single housing renovation

This case describes the renovation works carried out on a single housing built in 1981. The energy consumption of the house has been decreased by a factor 4. ... [more](#)

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Communities

Sustainable Social and Cooperative Housing

A selection of EU news, tools and case studies of interest on energy efficiency, renewables and for Social Housing professionals ... [more](#)

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Events

ICT 2010 Conference - European Commission

The conference aims to address the position of ICT in our society. While sustainability and low carbon economy are at the very center of citizens' interest, ICT and digital solutions can be an important player to reach this sustainability. The conference will tackle themes such as - the potential of digital solutions to promote sustainable growth in a low carbon economy - the continuing constructive ... [more](#)

Other events: [Click here](#)

Tools

SunPosition

With a database of 48,086 locations worldwide kept up-to-date, SunPosition is probably the most reliable and easy to use sun position calculator available. It offers member users the flexibility to add new locations, obtain a graphical print of the sun path throughout the day and save their most frequently used locations to their favourites menu. SunPosition uses an advanced mathematical algorithm ... [more](#)

ASIEPI EP requirement Comparison Method and Tool

The method and tool can be used to compare the energy performance requirement levels among countries of the EU. ... [more](#)

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

News from the EU

Commission sets up system for certifying sustainable biofuels

The Commission decided on 10 June 2010 to encourage industry, governments and NGOs to set up certification schemes for all types of biofuels, including those imported into the EU. It laid down what the schemes must do to be recognised by the Commission. This will help implement the EU's requirements that biofuels must deliver substantial reductions in greenhouse gas emissions and should not come from ... [more](#)

Building Bridges with China in the Energy Field: GREEN ENERGY FOR SMART CITIES at the World Expo 2010 in Shanghai

'GREEN ENERGY FOR SMART CITIES' is the European Commission's flagship event at the World Expo 2010 in Shanghai. During this event, organised from 5 to 7 July 2010 at the European Union-Belgian pavilion, prominent experts from the EU and from China will present their achievements and projects on energy. The event aims at deepening the EU-China cooperation and sharing visions on urban development, discussing ... [more](#)

Council conclusions on the forthcoming Energy Strategy for Europe 2011-2020

The core of the meeting was devoted to the Energy Ministers' discussion on the forthcoming Energy Strategy for Europe 2011-2020, as a first contribution to the consultation process launched by the Commission for the preparation of its new strategy. The Council also adopted conclusions on this issue. In addition, both the Presidency and the Commission presented recent developments with regard to international ... [more](#)

New publication on 'EU energy and transport in figures'

The Statistical pocketbook 2010 'EU energy and transport in figures' is available for download from the European Commission website. The included figures can also be downloaded splitted in energy and environment. Free paper copies of the publication will be available from June 2010. ... [more](#)

News from the countries



Daikin Europe N.V. initiates cooperative venture for net zero energy office building - ready in July 2010

Daikin Europe N.V. announces its intent to join forces with major research institutions to develop economically feasible net zero energy building (nZEB) concepts based on heat pumps. Daikin Europe N.V. takes seriously its responsibility in the light of Europe's 20-20-20 targets and the significant contribution reducing building energy consumption can make towards reaching these goals. Major research ... [more](#)

UK retailer Marks and Spencer increases energy efficiency in their shops by 19 %

Marks & Spencer (M&S) reported on 10 June 2010 a 20 per cent reduction in food packaging, a 19 per cent increase in energy efficiency in stores, 417 million fewer carrier bags used last year and over £50 million of profit invested back in the business from Plan A activities in its annual 'How We Do Business Report'. The report details the progress of Plan A, M&S' eco and ethical programme launched ... [more](#)

Two very efficient concept houses open to visitors in Paris

Two very energy efficient concept houses can be visited by the public in the centre of Paris from May 5 to August 25, 2010. One of these twin houses (90 m²) is a net-zero energy building, while the other (60 m²) is a very low energy house (primary energy consumption < 50 kWh/m²/year). ... [more](#)

Scotland: Boiler scheme opens for business

Up to 5,000 households in Scotland can claim £400 off the cost of a new boiler from 24 May 2010. The Energy Saving Scotland boiler scrappage scheme will give cashback to thousands of households with the most inefficient boilers. Installing a greener boiler will help slash average household heating costs by a quarter, around £235 a year for a three bed semi-detached house. ... [more](#)

AEEBC: Energy assessor competence inconsistent across Europe

The Association of European Building Surveyors and Construction Experts (AEEBC) claims that standards of training and competence of energy assessors are inconsistent across Europe. In some countries like the UK anyone can go on a short course and become an energy assessor without the need to be a qualified building professional. In other countries like Denmark, over restrictive regulations are discriminating ... [more](#)

INTERACT WITH BUILD UP



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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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