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INTERACT WITH BUILD UP

Dear reader

The May BUILD UP newsletter offers an overview of up-to-date information on many different topics including international funding and national financing schemes, efficient heating and lighting systems, interesting publications and last but not least case studies of nearly zero-energy buildings. On this subject a new community was started on the portal which presents content with a clear focus on national applications of the nearly zero-energy building definition and best practice examples of high performance buildings.

Join the community and keep up with all developments concerning energy efficiency in buildings on the EU BUILD UP portal. Also, do not forget to register for the upcoming Sustainable Energy Week.

Your BUILD UP team

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

News from the EU



Oettinger: Energy savings target still possible

An informal energy council meeting was held Friday April 20 in Horsens, Denmark. The European Commission and the Danish EU presidency said the Energy Efficiency Directive could "realistically" come together in the next couple of months, despite member states' consistent watering down of the proposal. [More](#)

EUSEW 2012 - Registration is open!

The sixth edition of the EU Sustainable Energy Europe Week (EUSEW) takes place from 18 to 22 June 2012. Some of the week's activities, such as Energy Days, actually kick off the previous weekend in synergy with Global Wind Day (Friday 15 June) and continue throughout the following weekend. [More](#)

Gordon Sutherland's exclusive interview

As a Senior Project Officer of the Energy-efficiency at the European Commission's Executive Agency for Competitiveness and Innovation Mr Sutherland offers valuable insights into how intelligent Energy Europe contributed to the current status of the EPBD implementation in Europe. Read this interview in the latest issue of the REHVA European HVAC Journal. [More](#)

News from the countries



Austria: First Federal Incentive Programme for Solar Water Heating

On 17 April, Austria started its first federal incentive programme for solar water heating in the residential sector. This means that the Austrian Climate and Energy Fund now supports new private solar thermal installations with EUR 400 per system if the collector area is 5 m² or more. The total budget of the programme is EUR 5 million. It will run until 31 December 2012. [More](#)

Polish Coalition calls on Minister to back strong Energy Efficiency Directive

In the context of difficult negotiations which have already begun between the European Parliament and Council on the Energy Efficiency Directive, the European Environmental Bureau has welcomed an “Employment impact” study, which highlights the huge socio-economic benefits that Poland could gain from making its buildings more energy efficient. The study was published April 12, 2012 by the Institute... [more](#)

30 million UK homes and small businesses will have smart meters by 2019

The smart meters will enable all consumers to have access to accurate information and will bring an end to estimated billing. Energy and Climate Change minister Charles Hendry states that “In less than three years energy suppliers will begin the mass rollout of smart meters across the country and I am determined that consumers are at the heart of this ambitious programme. That is why today we are proposing... [more](#)

Romanian Government continues this year’s warranties for the rehabilitation of blocks of flats

The Romanian Government decided to continue this year’s warranties for the rehabilitation of blocks of flats with a maximum total of a 200 million guarantee. For structural and architectural restoration works of residential buildings, the guarantee ceiling was set at 100 million lei. The decision was made during a Government meeting

in March 2012. [More](#)

The transformation of the German energy system is feasible - and it pays off

The transformation of the German energy system is feasible - and it pays off. This is the key finding of a comprehensive scientific study commissioned by the Federal Environment Ministry and carried out by renowned research institutes. The final report is now available and shows that the medium and long-term targets which the German government defined for the transformation of the energy system can... [more](#)

More up-to-date news items can be found on the portal: [Click here](#)

Financing Schemes



Programul de Reabilitare Termica (Thermal Rehabilitation Programme) – Romania

The Thermal Rehabilitation Programme supports the improvement of the energy performance of housing blocks built between 1950-1990, regardless of their heating system. It is available to owners' associations. [More](#)

“ΕΞΟΙΚΟΝΟΜΩ ΙΙ” (“Let's save energy II” programme) – Greece

The “Let's save energy II” programme supports the implementation of measures and best practices for the reduction of energy consumption by Greek Municipalities. The invitation is made under Greek Operational Programme 'Environment and Sustainable Development' and provides simplified procedures for assessment in order to allow the greatest possible participation of Municipalities in the Programme. [More](#)

Read about other financing schemes: [Click here](#)

Events



Energy Efficiency in Buildings - Quizzing the Stakeholders

Are you ready to put your knowledge and understanding of energy efficiency to the test? Join the debate and stimulate action regarding the need to quickly ramp up to a high level of quality, extensive renovation of the EU building stock by participating in EuroACE's live polling event on the afternoon of 21st June 2012 in the

Charlemagne building, 14h-17h. [More](#)

European Sustainable Energy Week Polyurethanes Passive House - Open House

The Polyurethanes Passive House - Open House event will showcase the Polyurethanes Passive House project, launched on 1 September 2011. The Polyurethanes Passive House, built in Brussels near the institutions of the European Union, uses polyurethane materials wherever possible. It provides a living example of the environmental and economic benefits of applying polyurethanes to the most modern construction... [more](#)

IFME World Congress 2012

The main theme of the International Federation of Municipal Engineering (IFME) World Congress is "Sustainable Communities - Plan, design, construct and maintain for a better future". [More](#)

Other events: [Click here](#)

Publications



Nearly Zero Energy Buildings: experiences and case studies from Central and North Europe

This presentation was given during the REHVA - AICARR Seminar on Zero Energy Buildings on Mostra Convegno 2012 in Milan. It presents experiences and case studies from Central and North Europe while designing and building low energy buildings that are expected to meet nZEB requirements in the future. [More](#)

Competitive European Regions through Research and Innovation: Practical Guide to EU funding opportunities

The European Union possesses five key funding opportunities to support research and innovation: the Research Framework Programme, the Competitiveness and Innovation Framework Programme, the Structural Funds and the Cohesion Fund within the Cohesion policy; the European Agricultural Fund for Rural Development and the European Fisheries Fund within the Rural development policy and the Common Fisheries... [more](#)

Efficiency analysis of independent and centralized heating systems for residential buildings in Northern Italy

The new Italian regulations strongly suggest the installation of centralized boilers in renovated buildings with more than four apartments. This paper investigates the differences in primary energy consumption and efficiency among several independent and centralized heating systems installed in Northern Italy. The analysis is carried out as follows: firstly building heating loads are evaluated through... [more](#)

Offices: A guide to energy efficient and cost effective lighting

This guide from Ireland provides information on how to improve the quality, visual comfort and cost effectiveness of lighting schemes in offices by using energy efficient lighting technologies and techniques. Following this guidance one can reduce electrical consumption by 30% to 50%, reduce maintenance costs and improve the visual working conditions for staff. [More](#)

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

Cases



Highlighted Case May 2012: Science park campus, Telegrafenberg Potsdam

A new research building housing 191 members of staff for the Potsdam Institute for Climate Impact Research (PIK) is being planned for the "Albert Einstein" science park, which is listed as a landscape of historic and architectural importance. As part of the building's development, the initial focus is on conducting an energy-based assessment and optimisation of the new building with the aim of undercutting... [more](#)

A positive energy concept house near Lyon (France)

This zero CO2 emissions concept house produces more energy than it needs to cover all uses for housing and an electric car. It was built by Maisons France Confort near Lyon (France). This one level building has a living area of 164 m² and includes a living room of 60 m², a kitchen, two bedrooms, an office, a bathroom and a shower room. These rooms are arranged around a central courtyard, as well as... [more](#)

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

Tools



Photovoltaic Geographical Information System - Interactive Maps

Interactive database for a simple calculation of solar resource and photovoltaic potential in Europe. Useful information for architects or builders on solar radiation. [More](#)

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

Communities



Nearly zero-energy buildings

EPBD requests Member States to ensure that by 2021 all new buildings be nearly zero-energy buildings; public buildings already by 2019. Discuss here national applications of the NZEB definition and find cases of exemplary buildings and NZEB promotion. [More](#)

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

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.

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.

Subscribe - unsubscribe

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