



[News from the EU](#) / [News from the countries](#) / [Financing Schemes](#)
[Events](#) / [Publications](#) / [Cases](#) / [Tools](#) / [Communities](#)

INTERACT WITH BUILD UP

Dear reader

This month's newsletter shows the full range of offers on the BUILD UP portal: News on actions and warnings by the EU, positive information regarding national activities and financing systems to improve the energy efficiency in buildings, interesting events that take place before the summer break and various guides for renovation, solar water heating and heat pumps in the publication section. Two inspiring renovation projects are highlighted as cases and a new community focusing on superinsulating materials completes our choice of the high quality content submitted to BUILD UP.

Share your experience with other users on BUILD UP and thus help to improve the energy performance of buildings in Europe.

Your BUILD UP team

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

News from the EU



"Four instruments may be too much" - An Interview: EU Energy Commissioner Günther Oettinger on renewable energy targets and emission trading

In an interview with the European Energy Review (EER), Oettinger says he is "open" to the idea of extending the current renewable energy target by another decade to 2030. About the EU Emission Trading Scheme (ETS) he says it is not sufficient to promote renewable energy on its own. [More](#)

EU leaders must recognise energy efficiency as key for growth

On 23rd May in Brussels, the informal European Heads of State or Government Summit discussed a strategy for growth. At a time when leaders are urgently looking for a way out of the current economic crisis, President Van Rompuy highlighted the added value of the Energy Efficiency Directive, currently under pressure from national

governments. A strong Energy Efficiency Directive has the potential to... [more](#)

EU proposals for cutting energy consumption through greater efficiency

Current estimates show the EU is not on track to achieve its target of reducing its estimated energy consumption for 2020 by 20%. As a result, new measures on energy efficiency are now being proposed for implementation throughout the economy to bring the EU back on track to achieve its objective by 2020. [More](#)

Energy performance of buildings: Commission refers Italy to Court

Brussels, 26 April 2012 - Buildings are responsible for around 40% of energy consumption and 36% of the CO2 emissions in the European Union. The European legislation aims to achieve a significant reduction in the energy consumption of buildings, thus helping to combat climate change and strengthen the EU's energy security. Large energy savings will also enable households to drastically reduce their... [more](#)

News from the countries



A new French guide for home owners about the energy renovation of houses

ADEME (The French Environment and Energy Management Agency) has just published a new guide for home owners. It explains how to achieve a low energy level when renovating their houses. It details the points that should not be overlooked and presents possible technical solutions in order to divide by 4 to 6 the energy needs for heating. [More](#)

UK: Social Housing to get low carbon heating systems

A £10 million scheme aimed at getting low carbon forms of heating like biomass boilers, solar hot water panels and heat pumps into the homes of social housing tenants across Great Britain opened to applications on 28 May 2012. [More](#)

Germany sets new solar power record, institute says

(Planet Ark 28 May 12) German solar power plants produced a world record 22 gigawatts of electricity per hour - equal to 20 nuclear power stations at full capacity - through the midday hours on Friday and Saturday, the head

of a renewable energy think tank said. [More](#)

The models of the solar homes being constructed for Solar Decathlon Europe 2012, were the main protagonists of the International Construction Week (la Semana Internacional de la Construcción) in Madrid

The International Construction Week in the "Feria de Madrid" ended May 11, with close to 400 companies presenting their innovations in Construtec, Veteco and Stone. The main protagonists of the week were the models of the 20 homes that are participating in the next edition of Solar Decathlon Europe. These models were exhibited beginning May 7th at Construtec and were a faithful reproduction of the... [more](#)

Sweden launches global network for sustainable urban development

Swedish Minister for Information Technology and Energy, Anna-Karin Hatt, took part in launching The Global Sustainable Cities Network (GSCN), an initiative to promote renewable energy and sustainable urban development. The initiative, coordinated within the framework of the Clean Energy Ministerial (CEM), is a cooperation between Sweden, Denmark, China and the United Arab Emirates. [More](#)

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

Financing Schemes



Daugiabučių namų atnaujinimo (modernizavimo) programa (Programme for the renovation/upgrading of multiapartment buildings) - Lithuania

The Programme for the renovation/upgrading of multi-apartment buildings aims to encourage the apartment owners to comprehensively upgrade multi-apartment buildings and residential districts in order to achieve higher living standards, rational use of energy resources and compensation for reduced budgetary expenditure on heating costs. The Programme implementation period is from 2005 until 2020. [More](#)

Renoveerimislaen (Renovation loan for apartment buildings) - Estonia

The renovation loan programme was developed by KredEx together with KfW Bankengruppe and the Ministry of Economic Affairs and Communications with the purpose of supporting the renovation of apartment buildings and to improve energy efficiency by at least 20% in apartment buildings (a residential building with at least 3

apartments) of up to 2000 m² and by at least 30% in apartment buildings of over... [more](#)

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

Events



European Conference on Energy Efficiency and Sustainability in Architecture and Planning (3rd edition)

In the current economic situation, the architect plays a very important role that could give a specific response to the crisis and environmental problems by favoring a more sustainable social development. In this context it is important that architects devote their efforts to thinking about eco-efficient constructions, to using materials and technologies that respect the environment and to using materials... [more](#)

Sustainable Energy Finance Summer Academy

The Summer Academy targets project developers, policy advisors, financiers and consultants. The Academy offers a comprehensive framework for financing renewable energy and energy efficiency projects in both emerging and developing markets, including practical, integrated knowledge and tools. There will be a wealth of opportunities to network and solve problems with other relevant stakeholders. [More](#)

Other events: [Click here](#)

Publications



Energy performance of buildings — EPBD in Greece

This paper presents an overview of the development and current EPBD stage of implementation in Greece, along with a first assessment of the lessons learned and experiences gained. [More](#)

Here comes the sun: a field trial of solar water heating systems

A field trial has been initiated by The Energy Saving Trust (United Kingdom) on 88 domestic solar thermal water heating systems to provide evidence on how actual systems perform in real homes in the UK and the Republic of Ireland. This field trial took place in 2008. Conclusions are that well-installed and properly used systems provided

around 60% of a household's hot water. The trial also found examples... [more](#)

Best practice guide: Heat pump technologies

The aim of this guide from The Sustainable Energy Authority of Ireland (SEAI) is to provide citizens with a fundamental knowledge of heat pump so that they can make more informed decisions in choosing the correct system and once installed, how to operate it efficiently. [More](#)

Advanced and sustainable housing renovation

At a time when major climate change and the aspiration for sustainable economic and social development while maintaining standards of living have become major issues, the objective of this guide is to consider renovation of housing from an overall standpoint by developing guidelines not just in terms of energy performances but also in terms of comfort, quality of life, environmental impact and resource... [more](#)

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

Cases



Highlighted Case June 2012: Hollywood House, UK

The Hollywood House uses over 50% less energy than prior to the retrofit project, which has resulted in significant financial savings for the building's tenants. The total cost of the refurbishment is estimated to be repaid in approximately 13 years, through energy savings. The extensive refurbishment took 32 weeks to complete and involved the installation of new heating, lighting, ventilation and... [more](#)

Super fast renovation system for dwellings in Kerkrade

Super fast renovation of a dwelling in occupied state in 8 days. The renovation includes a passive house standard for the building envelope, solar electrical panels, mechanical ventilation with heat recovery, etc. [More](#)

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

Tools

Cashback Calculator

This on-line tool from The Energy Saving Trust (United Kingdom) calculates financial savings for investment in wind turbines, hydroelectricity and micro combined heat and power systems. [More](#)

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

Communities

Superinsulating materials

Superinsulating materials are considered to have a thermal conductivity below 0.025W/(m•K) if air filled, 0.020 W/(m•K) if gas filled and 0.015 W/(m•K) if evacuated. This community focuses on product development, application aspects, economics... [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

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

The included texts in the newsletters are abstracts of the content of the BUILD UP portal.

The sole responsibility for the content of this newsletter and the related information lies with the authors. It does not necessarily reflect the opinion of the European Communities. The European Commission is not responsible for any use that may be made of the information contained therein.

