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## **INTERACT WITH BUILD UP**

### **Dear reader**

The year 2012 has started and so has a new section on the BUILD UP portal: The Country Fact Sheets (<http://www.buildup.eu/factsheets>). Here you can already find information concerning the status of implementation of the Energy Performance of Buildings Directive in 29 EU countries in the form of the EPBD Concerted Action Country Reports. Gradually the Country Fact Sheets section will be further populated with national legislation documents and links to additional key information.

Based on the contributions of the BUILD UP users we have compiled latest news, publications, events, cases, etc. on energy efficient buildings in this newsletter. The highlighted community and several other contents are focusing on the cost-optimal methodology of the EPBD and its required reference buildings. Another key aspect is the financing of energy efficient buildings. Stay informed and share your knowledge on BUILD UP!

Your BUILD UP team

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

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### **News from the EU**



#### **Energy Roadmap 2050: a secure, competitive and low-carbon energy sector is possible**

The European Commission adopted the Communication "Energy Roadmap 2050" on 15 December 2011. The roadmap describes the consequences of a carbon-free energy system and the policy framework needed, allowing Member States to make required energy choices and create a stable business climate for private investment. This analysis is based on different scenarios created by combining the four main decarbonisation [more](#)

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### **URBACT II Call for Proposals**

Thematic Networks approved through this Call will focus on fostering exchange and learning among European cities, drawing lessons from these exchanges, and building new tools and policies for an integrated and sustainable urban development. Beyond the consolidation and dissemination of the practical knowledge drawn from the transnational networking, partner cities will also commit to work with local... [more](#)

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## **Public Consultation issued by EC: "Lighting the Future - Accelerating the Deployment of Innovative Lighting Technologies"**

The European Commission has issued a Green Paper on the future of solid-state lighting. The consultation is open until the end of February 2012. [More](#)

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## **U4Energy European school competition on energy efficiency announces winners**

The first cycle of U4energy, the first pan-European school competition on energy efficiency, has come to an end with the celebration in Brussels of the final winners and of their inspiring projects. Winning schools were awarded during a high profile European Award Ceremony in the presence of the EU Commissioner for Energy Mr Günther OETTINGER. The Ceremony took place on 22 November 2011. [More](#)

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## **Full length report of the EPBD Concerted Action study on cost optimal levels for energy performance requirements is now available**

The CA conducted a study on experiences and challenges for setting cost optimal levels for energy performance requirements. The results were used as input by the EU Commission in their work of establishing the Regulation on a comparative methodology framework for calculating cost optimal levels of minimum energy performance requirements. In addition to the summary report released in August 2011, the... [more](#)

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## **Eco-innovation Action Plan launched: helping business to deliver green growth and environmental benefits**

Brussels, 15 December 2011 – Eco-innovation is crucial to delivering the Europe 2020 strategy for smart, sustainable and inclusive growth. The new Eco-Innovation Action Plan (EcoAP) will boost innovation that reduces pressure on the environment, and bridge the gap between innovation and the market. Eco-friendly technologies are good for business and help create new jobs, so eco-innovation is crucial... [more](#)

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## News from the countries



### Grand Lyon unveils innovative collaborative Climate and Energy Action Plan

Covenant of Mayors Coordinator since 2007, Grand Lyon (the Urban Community of Lyon, France) has committed to reaching the 3x20 objectives by 2020, and the ambitious target of cutting CO2 emissions by 75% by 2050. [More](#)

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### For German homebuilders and renovators - KfW provides more support

In 2012 KfW Bankengruppe is expanding its promotion of rehabilitation of residential buildings, thereby intensifying its activities to cope with climate change and increasing demographic challenges. The new promotional standard "KfW Efficiency House Monument" introduces a simplified offer for funding the retrofit of historic buildings particularly worthy of protection. This takes into account the special... [more](#)

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### Polish cities go for "Good Energy"

Over 100 representatives of cities and municipalities from all over Poland participated in the seminar "Polish and European contexts of sustainable energy management and climate protection at local level", organised by the Covenant Supporter Polish Network "Energie Cités" (PNEC) in Warsaw on 6-7 December 2011. [More](#)

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### Birmingham UK wins award from World Green Building Council (WorldGBC) in the Urban Retrofit Category

Birmingham won in the Urban Retrofit Award Category for its Energy Savers Programme, which will work under the umbrella of the Green Deal initiative to refurbish nearly 200,000 buildings. The programme is expected to lead to £1.5 billion of green retrofit work. [More](#)

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### Finland: Data centres could save millions through energy-efficiency

A Finnish ICT collaboration project concludes that energy efficiency in data centres can be improved by as much as fifty per cent. For individual data centres this would mean annual savings of thousands of megawatt hours and hundreds of thousands of euros. [More](#)

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

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## Financing Schemes

### Support schemes promoting the use of energy from renewable sources (as per Directive 2009/28/EC)

Directive 2009/28/EC on the promotion of the use of energy from renewable sources and amending and subsequently repealing Directives 2001/77/EC and 2003/30/EC defines 'support scheme' as: "any instrument, scheme or mechanism applied by a Member State or a group of Member States, that promotes the use of energy from renewable sources by reducing the cost of that energy, increasing the price at which... [more](#)

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### EUROCONTRACT - Comparison and evaluation of financing options for EPC projects

This manual compares and evaluates financing options for Energy Performance Contracting (EPC) Projects and provides some innovative financial examples. It is aimed at public authorities, energy agencies and ESCOs. Traditional methods of financing, such as granting loans, cause problems for energy savings projects due to the long payback times. Innovative financing options are therefore required. This... [more](#)

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

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## Events

### Nearly Zero Energy Buildings Conference

The Nearly Zero Energy Buildings conference will be held in the framework of the WSED 2012 (World Sustainable Energy Days) on 1st and 2nd March 2012 with the emphasis on how to achieve "nearly zero energy" in new construction and renovation. [More](#)

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### REHVA Annual Conference and Meeting

The REHVA Annual Conference and meeting is organized in cooperation with the Romanian Installation Engineers Association (AIIR) and the Romanian General Association for Refrigeration (AGFR) in Hotel Timisoara and the "Politehnica" University of Timisoara in downtown Timisoara. Both are situated in the cultural and historic center of Timisoara overlooking the Opera Square. If you are interested in recent... [more](#)

Other events: [Click here](#)

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## Publications

### **Energy Conservation in Traditional Buildings**

This guide looks at a range of improvements that can be made to reduce the heat lost through a building's walls, windows, floor and roof. [More](#)

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### **Cedefop: Skills for green jobs - European synthesis report**

This European synthesis report on skills for green jobs brings together the findings from country reports covering Denmark, Germany, Estonia, Spain, France and the UK. In the future, almost every job will be a green job; thus, understanding the environmental impact of an occupation needs to be mainstreamed into education and training systems. New, greening and restructuring/retraining case studies... [more](#)

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### **Guidebook on Energy-Efficient Future Electric Lighting for Buildings**

This guidebook is the achievement of the work done in ECBCS project 'Annex 45: Energy Efficient Electric Lighting for Buildings'. This guidebook is intended to be useful for lighting designers and consultants, professionals involved in building operation and maintenance, system integrators in buildings, end users / owners and all others interested in energy efficient lighting. [More](#)

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

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## Cases

### **Highlighted Case January 2012: Ironworks Acroni**

Ironworks Acroni in Slovenia is a good practice example of improved indoor lighting efficiency based on an energy performance contract. [More](#)

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### **Green Building - Bio-Planet supermarket in Leuven**

The Bio-Planet store in Leuven has undergone a thorough overhaul to reduce energy demand, implement new energy efficient technologies and generate energy on-site from the sun. [More](#)

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

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## Tools

### **TABULA - National building typologies**

This web based tool provides access to the respective building data and enables an online calculation of typical values of energy consumption. [More](#)

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### **EESI Toolbox to EPC**

Useful information on energy services, good practice examples and results of the EESI-project (European Energy Service Initiative on the implementation of Energy Performance Contracting). [More](#)

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

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## Communities

### **Reference Buildings for Energy Performance and Cost-Optimal Analysis**

This community shares information on "reference buildings" in European countries. "Reference buildings" can be used as "the most representative building" for a country or a European region in order to perform energy performance simulations or models. [More](#)

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

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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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