



[Publications](#) / [Cases](#) / [Communities](#) / [Events](#) / [Tools](#)  
[News from the EU](#) / [News from the countries](#) / [INTERACT WITH BUILD UP](#)

## Dear reader

Policy makers, building professionals and experts in building energy efficiency are busy developing and applying instruments to reduce the energy consumption of the European building stock. This BUILD UP newsletter presents some of the up-to-date results of these developments such as guidelines, the EPBD cost-optimal methodology framework, training programmes for building professionals and political and financial instruments. Learn that in one Member State for every euro that was spent on promoting advanced energy-efficient constructions five euros revenue could be collected by the public authorities. Energy efficiency can be a motor of the economy.

Your BUILD UP team.

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

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## Publications



### European Buildings under the Microscope

European Buildings under the Microscope is a country-by-country review of the energy performance of European buildings. The project screens European buildings and buildings policies across all 27 Member States as well as Switzerland and Norway. The data will help to get a better idea of the existing energy and emission saving potentials in Europe. [More](#)

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### Slide presentation: The EU's cost optimal methodology framework - Framing Member States' future energy requirements setting

Presentation of the European Commission on the timeline and procedure of the cost-optimal framework methodology held at the workshop 'Cost-optimised ways to Nearly Zero Energy Building' organised by BBSR in Bonn on 27 September 2011. [More](#)

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## CONCERTO: A Cities Guide to a Sustainable Built Environment

This Concerto guide outlines how local communities across Europe transform their inspiration into action, collaborate and develop synergies in sustainable energy planning, financing, public engagement and emission monitoring. [More](#)

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

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## Cases

### Highlighted Case November 2011: PowerMatching City

PowerMatching City is a living lab Smart Grid demonstration in the Netherlands consisting of 25 interconnected households. It was launched in 2007 as one of the INTEGRAL project demonstrations (EU FP6-038576). PowerMatching City demonstrates what our energy system could look like in 2030. [More](#)

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

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## Communities

### Training the Building Chain for Refurbishing

The Community will be a virtual place to facilitate the exchange of established best training practices and evolving innovative solutions to achieve the energy-efficient retrofitting of Europe's existing building stock. [More](#)

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

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## Events

### Smart City Expo & World Congress 2011

This congress will be the meeting point for sector professionals, heads of public administrations and experts, who will give the keys to understanding the workings and development of cities of the future, known as smart cities. [More](#)

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## The 42nd International Congress and Exhibition - Heating, Refrigeration and Air-conditioning

The programmes of all previous HVAC&R congresses held in Belgrade were directly associated with the economics of maintaining thermal comfort in construction buildings through reduction of energy demands, control of the building energy systems' operation, use of renewable energy sources and design parameters which constitute every energy efficient solution. The topics of the following, 42nd congress... [more](#)

Other events: [Click here](#)

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### Tools



#### CHEQ4: New software tool to validate solar thermal systems under Spanish building regulations (CTE)

The IDAE (Instituto para la Diversificación y el Ahorro de la Energía) and ASIT (la Asociación Solar de la Industria Térmica) have developed the CHEQ4, a computer program for applying the enforcement and evaluation of the HE4 section included in the basic requirement of energy saving (HE) Building Technical Code (CTE). This tool has been designed to facilitate this process and information to all the... [more](#)

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

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### News from the EU



#### EU Sustainable Energy Week 2012 - Save the date

It's time to get into the starting block for next year's EU Sustainable Energy Week (EUSEW), Europe's key event for a more sustainable energy future. Between 18 and 22 June 2012 hundreds of events organised in all parts of Europe will show, promote, discuss and celebrate energy efficiency and renewable energy - and you can be a part of it. [More](#)

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#### Regions delivering on sustainable energy strategies: EACI workshop during 2011 Open Days

The EACI workshop was held during the 9th European Week of Regions and Cities and illustrated how regional actors can support regional sustainable energy planning, as a milestone for mobilising investment for energy efficiency and renewable energy measures. [More](#)

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## **A free copy of the IEE Magazine nº 3 is now available!**

Due to popular demand, the deadline for ordering the IEE Magazine 3 'Renewable energy: A new era' has been extended until 21 November 2011. The magazine is available in 6 language versions: English, French, German, Italian, Spanish and Polish. [More](#)

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## **Covenant of Mayors welcomes 3000th committed signatory**

Two years ago, during the first Covenant of Mayors Ceremony, more than 350 cities publicly expressed their determination to create a more liveable environment for their citizens. Since then the number of Signatories has increased exponentially and recently the Covenant has welcomed its 3000th signatory. [More](#)

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## **News from the countries**



### **German KfW programmes Energy-efficient Construction and Refurbishment: Public budgets benefit up to fivefold from "promotional euros"**

For every euro that went into the promotion of energy-efficient construction and refurbishment in Germany in 2010, public authorities collected four to five euros in revenue. These figures have recently been calculated by the Jülich Research Centre and have now been published in a report. The study compared the expenditure on KfW's promotion with the budget revenues generated and lower budget costs... [more](#)

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### **UK: One year to Green Deal - Energy Act becomes law**

The Energy Act has become law - setting in stone the legal framework for the Green Deal, which will be launched in autumn next year. The Green Deal will revolutionise the energy efficiency of the nation's homes and businesses. It will help people insulate against rising energy prices, creating homes which are warmer and cheaper to run. [More](#)

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## Norway's first energy-positive building coming to Trondheim

The Powerhouse alliance, consisting of developers Entra Eiendom, construction group Skanska, architects Snøhetta, environmental group ZERO and aluminium company Hydro will build Norway's first – and the world's northern-most – energy-positive commercial building, in Trondheim. [More](#)

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## Five times as many UK householders would prefer to bank the money saved by greening their home instead of implementing more energy saving measures

That is the finding of a new study – released to mark the start of this year's Energy Saving Week (24 to 28 October 2011) – by the Energy Saving Trust, the independent body set up to help householders reduce their energy bills and combat climate change. A survey of 2,086 UK householders carried out by ICM Research for the Energy Saving Trust asked respondents what they would do with £400 that they... [more](#)

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## German Signatories launch new Covenant of Mayors Club

Following the footsteps of the French and the Croatians who already launched their own national platforms, the German Signatories have now inaugurated their own club, following a high-level event held on 25 October in Heidelberg in the presence of City Mayor Eckart Würzner and representatives of 50 German local authorities. [More](#)

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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

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