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Dear reader

Current heat waves from Crete to Finland reveal to everybody that cooling is not only an issue for high class hotels. In retail outlets and specialised stores, split air-conditioning units are top sellers and these new appliances have a direct impact on our electrical energy consumption.

Yet summer comfort does not in all cases require the installation of air conditioning units. Preventive measures like efficient shading systems, building inertia and night ventilation can supersede the active cooling systems or at least strongly reduce their energy consumption. In our newsletter you will find interesting information on passive cooling strategies, but also on other European activities within the field of energy efficiency in buildings. Enjoy reading and keep cool during the summer. The next newsletter will be published in September.

Your BUILD UP team.

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

Publications



Nearly zero energy buildings in Europe - Perspectives and paths to 2020

This document presents the findings of a brainstorming workshop held in Brussels the 2nd of February 2010 within the framework of the Intelligent Energy Europe programme (IEE). Around 20 participants from some of its projects exchanged views on the concrete timeline of actions and milestones to pave the way for 2020's targets on nearly zero energy buildings. This report has been prepared by the Executive ... [more](#)

Solar shading systems product sheets

Performance data of the various shading systems differ greatly. This report shows solar shading product sheets that provide characteristics of different solar shading systems, including their potential in terms of energy savings. The report has been elaborated within the Keep Cool II Project 'Transforming the market from cooling to sustainable summer comfort' ... [more](#)

Use of building typologies for energy performance assessment of national building stocks. Existent experiences in European countries and common approach

This report from the European Project TABULA gives an overview of existing typology concepts in 24 European countries. Different approaches for building classification according to size and age have been examined. In many cases typical buildings are used as showcase examples to demonstrate the energy savings which can be achieved by implementation of refurbishment measures. In other cases typological ... [more](#)

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Cases

Highlighted Case July 2010: AVAX S.A. headquarters

This narrow, east facing office building measures 3050 m². It uses adjustable external vertical shading devices to reduce solar gain in the morning, allowing the building to operate without active cooling for most of the year. Night cooling, which uses the exposed thermal mass of the building, natural cross ventilation and ceiling fans, supports the “mixed mode” strategy in which air-conditioning needs ... [more](#)

District House of Kolding

In order to renew and improve worn down and poor town areas in different selected cities in Denmark a national initiative called “The Lift of Quarters project” has been introduced. In the municipality of Kolding it involves 2.350 dwellings with about 6.000 individuals. The Lift of Quarters project in Kolding deals, among others things, with urban renewal where special efforts are made in occupational ... [more](#)

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Communities

Building Airtightness Platform Europe

Energy efficient buildings and in particular near zero energy buildings require a specific attention to building airtightness. This platform aims to be the central European information point on all aspects related to Building Airtightness ... [more](#)

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Events

Joint 3rd Palenc, 5th EPIC, 1st Cool Roofs Conference

The joint 3rd Palenc, 5th EPIC and 1st Cool Roofs Conference focus on the application of passive cooling techniques in the urban environment and in buildings with emphasis on heat mitigation techniques. The scope of this conference includes all aspects of technology related to urban and building design, dealing with passive

cooling techniques able to improve the environmental performance of urban ... [more](#)

Other events: [Click here](#)

Tools

Energy Concept Adviser for Educational Buildings

The development of a software tool, the Energy Concept Adviser for the retrofit of educational buildings, is regarded as the main result of IEA ECBCS Annex 36. It shall be used by decision makers in administrations. With the help of the internet based, intuitively usable computer program energy-efficient retrofit shall be promoted, occurring retrofit-related problems in schools and other educational ... [more](#)

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

News from the EU

Call for tender for the continuation of BUILD UP

A call for tender for the operation, maintenance, improvement and promotion of the BUILD UP interactive web portal will be launched shortly by the Executive Agency for Competitiveness and Innovation. If you are interested in applying, check the information on the Intelligent Energy Europe website: http://ec.europa.eu/energy/intelligent/tender/index_en.htm. ... [more](#)

EU Sustainable Energy Week 2011 - get ready

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 11 and 15 April 2011 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. Next year's EUSEW will put the spotlight on energy efficiency ... [more](#)

Innovative responsible housing for the Mediterranean: the IRH-Med project

The IRH-Med project, within the framework of the Med Program, has a duration of three years and a budget of 1 Million Euro to undertake actions that will help to consolidate the environmentally responsible housing in the Mediterranean. The initiative seeks to improve the competitiveness of innovative models for residential housing that respond to common environmental challenges while promoting a Mediterranean ... [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](#)

Energy balances and indicators of EU Member States for 2008 now available

The European Commission offers on the website of DG ENER the statistics of energy balances and indicators of all 27 EU Member States. The data includes information on the demand and the supply side (production and imports), import dependency, electricity and indicators. ... [more](#)

Renewables account for 62% of the new electricity generation capacity installed in the EU in 2009

The "Renewable Energy Snapshots" report, published today by the European Commission's Joint Research Centre (JRC), shows that renewable energy sources accounted for 62% (17GW) of the new electricity generation capacity installed in the EU27 in 2009. The share rose from 57% in 2008. For the second year running, wind energy accounted for the largest share of the new capacity: 10.2 GW out of the 27.5 ... [more](#)

News from the countries



Germany: Mediation Committee agreed on a two-step process for reducing the feed-in tariff for solar electricity

On Monday 5 July 2010 the Mediation Committee between Bundestag and Bundesrat agreed on a two-step process for reducing the feed-in tariff for solar electricity. The previous Bundestag decision of 6 May 2010 only envisaged a single step. The proposed reduction from 1 July 2010 remains in place, but for the time being support will only be cut by 13% for rooftop installations, 8% for freestanding installations ... [more](#)

France Green Building Council (GBC) is now created

France Green Building Council aims at raising awareness among the Building sector on the environmental quality of buildings in France and aims at conveying a strong and coordinated French position in this area internationally. France GBC is being constituted gradually under the impulsion of sustainable building institutions such as EFFINERGIE Association, HQE Association, QUALITEL Association and ... [more](#)

Germany: KfW banking group opens one of the most climate-friendly office buildings in the world – the 'Westarkade'

On 7 July 2010 the KfW Bankengruppe opened a new and climate-friendly office building on Zeppelinallee in Frankfurt. Its primary energy consumption of less than 98 kWh makes the new Westarkade one of the high-rise office buildings with the highest environmental standards in the world. As well as including a conference centre, the building also provides office space for up to 700 staff members. ... [more](#)

Scotland: Home renewables grants successful

Scottish householders are being urged to snap up grants for home renewables. Government grants are available for 30 per cent of the cost, up to a maximum of £4,000, for heating technologies like wood fuel boilers, heat pumps or solar thermal water heating. Due to unprecedented demand, people are being encouraged to apply for an Energy Saving Scotland home renewables grant before the scheme ends. ... [more](#)

Carbon Detectives: Schools use little grey cells to go

UK primary and secondary schools are being invited to join a Europe-wide project in which 8-14 year old pupils will become Carbon Detectives on a mission to find their school's carbon waste – and ways of eliminating it. The Carbon Detectives programme is being operated in the UK by BRE. It will engage pupils and teachers in fun, interactive activities that help schools to become more sustainable, while. ... [more](#)

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.

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