



Welcome

Welcome to the new edition of the **GreenBuilding^{Plus}** newsletter, which provides information about the recent developments of the European **GreenBuilding** Project.

About GreenBuilding

The **GreenBuilding** Programme – initiated by the European Commission - aims at improving the energy efficiency and expanding the integration of renewable energies in non-residential buildings in Europe on a voluntary basis. The GreenBuilding project supports the GreenBuilding Programme on the national level through so called “National Contact Points” (NCP). 13 countries are now participating in the GreenBuilding Programme.

The pilot phase of the **GreenBuilding** Project (2005-2006) supported by the European Commission’s **Intelligent Energy Europe Programme** was initiated in ten European countries. By the end of the two year pilot phase, a large number of new partners and endorsers have joined GreenBuilding, among them well-known companies and communities from all over Europe. The 2nd phase has been running since 2007 and will end in May 2010.

Up-to-date information are available on the central project website www.eu-greenbuilding.org. or on the programme website <http://re.jrc.ec.europa.eu/energyefficiency/>. You can receive additional information in national languages by contacting the **National Contact Points** in Austria, Belgium, Croatia, Germany, Greece, Italy, Portugal, Spain Sweden, Finland, Poland, France and Slovenia. For more information click here:

<http://www.eu-greenbuilding.org/index.php?id=150>



Summary of Green Building 2009/2010 results

During 2009/2010, the GreenBuilding partners' community has been growing steadily up to approximately 180 partners and 60 endorsers which joined the Programme. Furthermore, the GreenBuilding projects cover many different types of buildings: Apart from office buildings, the projects include educational buildings as well as health and day care centres or hotels and many other. This is certainly a very positive development and it will also help to increase the number of GreenBuilding Partners in the years to come.

Workshop Frankfurt 2010

The workshop “Energy efficiency in non-residential-buildings” and the ceremony of the European GreenGreenBuilding Award took place within the **IEECB’10 Conference** (Improving Energy Efficiency in Commercial Building Conference, 13.–14. April 2010) in line with the Light&Building Fair 2010 in Frankfurt/Main, Germany. The workshop was organised by the German

Energy Agency (dena) and gave experts the opportunity to present experience regarding energy reducing



measures in buildings. The highlight of the conference day was the presentation of the “European GreenBuilding Award” winners by Mr Bertoldi from the European Commission, DG Joint Research Centre (see chapter “Events”).

A broad audience of experts discussed the latest developments in energy efficiency in building services and integrated building service engineering. They also could attend sessions on “Building energy management systems” and “Barriers, financing and risk analysis of energy efficient measures”.

Furthermore lecturers from various organisations gave first hand information about their work. Ms Pillar of the Berliner Energieagentur informed about the “Energy Saving Partnership – Berlin`s model of successful Energy Performance Contracting (EPC)”. Mr Schlenger of Drees & Sommer Advanced Building Technologies gave a speech about “Energy Efficiency in Non-Residential Building” .



The last lecture on “Building envelope” was held by Mr Grayer of Dömgies Architekten AG. For more detailed information about the workshop and the European Award or other events please visit the following website:

<http://www.eu-greenbuilding.org/index.php?id=162>

Events

European Green Building Award 2010

After the nomination of the national winners last year, the “European GreenBuilding Award” was awarded at the IEECB’10 Conference and the Light&Building Fair in Frankfurt/Main, Germany on April 14th 2010.

The Award was handed over to future-oriented companies and municipalities which invested in the reduce of energy consumption and the CO₂-emission of their buildings. 13 outstanding projects from Sweden to Spain in the categories Best Endorser, Best Corporate Partner, Best Refurbishment Projects, and Best New Projects were selected by an expert jury. The awarding ceremony was organised by the Austrian Energy Agency. Anyone who submitted its building(s) to the respective National



Contact Point for GreenBuilding between January 2008 and September 2010, automatically took part in the GreenBuilding Award competition 2009/2010. The National Award winners of each participating country were automatically qualified for the “European GreenBuilding Award”. The 36 final projects were assessed by an expert jury according to a set of quantitative and qualitative criteria.

The quantitative criteria were assessed according to a simple points system counting the concrete saving measures. The qualitative criteria, however, covered innovation and replication potential. More information can be found at:



<http://www.eu-greenbuilding.org/>. Exemplary four winning projects of the “European GreenBuilding Award” in the categories “Special acknowledgement”, “Best New Project” and “Best Refurbishment Project” will be presented in the following.

Seabridge – Logistics (Belgium)

The Seabridge Logistic Building sets synergies between Technology, Quality, Sustainability & Traceability. It is located at the Port of Zeebrugge and was built in 2009 with a surface of 20.000 m². The primary energy demand is 73 % lower than the Belgian (Flemish) building code. The energy provision is carried out by e.g. 4600 Photovoltaic modules on roof (Renewables). The implementation of a good Environmental (ISO 14001) & Energy Management System is planned for the second half 2010.



ENERGYbase (Austria)

The ENERGYbase office building has a demonstrative architecture with modern building technologies and a high user comfort. Moreover the building has an extreme low energy consumption for heating, cooling, lightning and ventilation as well as 100% coverage of heating and cooling energy demand with renewable energy (groundwater, solar energy). It is located in Vienna





and has an offered space of 7.500 m² lettable floorspace, 1.300 m² for study program, 1.000 m² for research laboratory and 5.200 m² for office use.

Secondary school Hengersberg (Germany)

The secondary school Hengersberg is a refurbishment project and was built in the years 1967-1969. The existing



building has a heated net floor area of 2.936 m² for 290 pupils. After the renovation in December 2011 the area will be extended up to

3.560 m². The heating production is effected by a gas/oil boiler with 580 KW. Moreover the implemented measures cover a heating plant system, biomass boiler, wood (150 kW), solar thermal plant (28 m²), a ventilation system and heat recovery of 92 %. Further the use of mobile external shadings as daylight system (automatically/manual) and daylight controlled lighting is adopt.

GreenBuilding - Improved Energy Efficiency for Non-Residential Buildings

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The National Contact Points

The organisations listed below represent the **GreenBuilding** Programme in 13 European Countries:

Austria	Austrian Energy Agency
Belgium	Cenergie
Croatia	EIHP
Germany	Deutsche Energie-Agentur GmbH (dena) – German Energy Agency Berliner Energieagentur
Greece	CRES
Italy	eERG
Portugal	ADENE
Spain	CREVER
Sweden	Swedish Property Federation
Poland	Polish Green Building Council
Slovenia	Jozef Stefan Institute
France	ADEME
Finland	Motiva Oy

If there is no National Contact Point in your country, please contact the **GreenBuilding Programme Management** directly:

Europe	European Commission, Joint Research Centre
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This newsletter is published in the framework of the project GreenBuilding - Improved Energy Efficiency for Non-Residential Buildings. The project is supported by the European Commission's programme "Intelligent Energy Europe" and the German Federal Ministry of Transport, Building and Urban Affairs.

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