



Welcome

Welcome to the third edition of the **GreenBuilding** newsletter, which informs you about the recent developments of the European **GreenBuilding** Programme – the voluntary programme to improve energy efficiency in the non-residential building sector.

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. With the GreenBuilding lighthouse projects the programme wants to motivate building owners to improve the energy efficiency and apply renewable energy technologies in their premises. The focus is laid on cost efficiency in a broad range of different technical disciplines.

The pilot phase of the **GreenBuilding** Programme is supported by the European Commission's Intelligent Energy Europe Programme 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.

Up-to-date information can be found on the central project website www.eu-greenbuilding.org. Additionally you can receive information in national language by contacting the National Contact Points in Austria, Finland, France, Germany, Greece, Italy, Portugal, Slovenia, Spain and Sweden.



[For more information click here](http://www.eu-greenbuilding.org)

GreenBuilding Brochure

The new **GreenBuilding** brochure in English language is now available. On 20 pages, the background, the goals and the procedures of participating in GreenBuilding are presented to building owners and other stakeholders in the field of energy efficiency in non-residential buildings. With ten examples from nine European countries, a large variety of building types and implemented measures is being presented. The brochure can be downloaded at the project website www.eu-greenbuilding.org.



New GreenBuilding Partners

Primary energy savings of at least 25%: This is the main criterion to become a **GreenBuilding** partner. Since September 2006, the number of officially accepted partners has increased from 16 to 38 building-owners from 9 European countries. We welcome the following 22 new partners in the **GreenBuilding** Programme:

BUND Landesverband Bremen e. V. (DE), Cacém Polis - Sociedade de Desenvolvimento do Programa Polis no Cacém (PT), Companhia Carris de Ferro de Lisboa s.a. (PT), Comune di Faenza(Ra) (IT), EREC - Renewable Energy House (BE), Fastighets AB Brostaden (SE), Greek Postal Savings Bank (GR), Hotel Princess Lanassa (GR), HUK-Coburg (DE), Immobilienverwaltung, Schulgemeindeverband St. Veit/Glan (AT), KfW Bankengruppe (DE), Kriminalgericht Moabit (DE), Menerga d.o.o. (SI), Natuurpunt (BE), Primary School Frankfurt/Riedberg (DE), Provincia di Venezia (IT), Rotes Rathaus/BIM Berliner Immobilienmanagement (DE), Servei Catala de la Salut (ES), Statens Fastighetsverk / The National Property Board (SE), TGE SpA Partner (IT), UniCredit RealEstate SpA (IT), Viroc Portugal SA (PT).



Examples of new Partners

The *Rotes Rathaus* (town-hall Berlin) is the seat of the Berlin government. In this building more than 45 % of the primary energy consumption has been saved due to optimised heating, air conditioning, ventilation and high efficiency lighting as well as a central building management system. The energy performance contracting project makes possible energy cost savings of about 250,000 € per year.



The "Complesso Sant'Elia" in Milano which belongs to the Italian Bank UniCredit Real Estate SpA, consists of two main buildings with a total net surface of 390,000 m². By replacing the existing chillers with new ones (partly with heat recovery) and by installing two farm tanks (for heating and cooling fluid) that allow to recover waste energy, the buildings' electricity and gas consumption has been reduced significantly. Furthermore, the cooling systems of both buildings are combined, resulting in annual energy savings for heating and cooling of 32%.



"Servei Català de la Salut" is building a new health care centre in Barcelona. The building with a total area of 3,000 m² is

equipped with solar protection, heat and cold distribution through low temperature radiant ceilings, energy efficient liquid desiccant dehumidifier, solar thermal and photovoltaic energy systems, centralised building energy management and a modern monitoring system.

The EREC Renewable Energy House, a 2,000 m² office building built in 1885, is since 2006 the central address for renewable energy issues in Brussels. With an 80 kW pellets boiler, a solar heating system with 60 m² solar collectors and a water storage of 5,000 l, a ground water heat pump, energy efficient lighting installations and a highly efficient ventilation system, the energy demand is 50% below reference values of a comparable building.



[For more information click here](#)

New GreenBuilding Endorsers

Currently 20 **GreenBuilding** endorsers support the **GreenBuilding** Programme, assisting potential and already accepted **GreenBuilding** partners in their efforts to reduce the energy consumption in their non-residential buildings.

We welcome the following 15 new endorsers:

Bengt Dahlgren AB (SE), C.I.L.A. Consorzio s.c.p.a. (IT), DS-Plan GmbH (DE), Energia Técnica, Gabinete de Engenharia, Lda. (PT), Energie:bewusst Kärnten (AT), Fasma Consultant Engineers Ltd. (GR), La 220 azzurra S.r.l. (IT), MCE Gebäudetechnik/Stangl GmbH (DE), Nadir Bonaccorso Arquitectos Asociados (PT), Rockwool Italia SpA (IT), Schulbaufonds für Volks-und Sonderschulen und Schulbaufonds für Haupt-und Polytechnische Schulen (AT), Siemens S.p.A. (IT), STEAG Saar Energie AG (DE), Thelcon Ltd (GR), Tyrens Temaplan AB (SE)

[For more Information click here.](#)



Events

In the context of the EPIC 2006 AIVC conference, a workshop on the **GreenBuilding** programme implementation was organised by dena on November 20, 2006.

Presentations were given by Gordon Sutherland (European Commission) on the background, goals and the structure of the **GreenBuilding** programme. Laurenz Hermann (dena) provided information on the pilot phase and the state of implementation of the **GreenBuilding** Programme in Europe. Further project partners and endorsers completed the comprehensive overview over the programme and pilot project, giving an insight on the necessary steps to realise 25% energy savings in various different building types and climatic regions.



The EPIC 2006 conference – including the GreenBuilding workshop – was webstreamed by ManagEnergy. The workshop documentation with all presentations is available as [internet broadcast](#).

[For more information click here.](#)

The National Contact Points

The organisations listed below represent the **GreenBuilding** Programme in 10 European Countries. Please click on the country name to access the respective National Contact Point's **GreenBuilding** website in national language:

Austria	Austrian Energy Agency
Finland	Motiva Oy
France	ADEME, in collaboration with ARMINES
Germany	German Energy Agency (dena) Berliner Energieagentur Fraunhofer-ISI
Greece	CRES
Italy	eERG
Portugal	ADENE
Slovenia	Jozef Stefan Institute
Spain	CREVER
Sweden	Swedish Property Federation
Europe	European Commission, Joint Research Centre

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