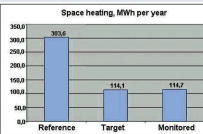


Bringing Retrofit Innovation to Application in Public Buildings – BRITA in PuBs

The Ecobuildings project **BRITA in PuBs** was started in May 2004 to increase the market penetration of innovative and effective retrofit solutions in order to improve energy efficiency and implement renewables with moderate additional costs.

First Results:

From November 2005 to August 2006 the monitoring has been ongoing at **Proevhallen in Copenhagen**. The results show that the actual yearly heating energy consumption is equal to the predicted amount.



Chinese visitors indicate their interest for BRITA in PuBs. The demonstration building **Borgen Community Centre** has been presented to delegates from the Tsinghua University in China. Recent monitoring has shown that the total energy use is below the predicted 111 kWh/m²a. The Chinese visitors are exploring possibilities for cooperation with European academics.



As main topic the **exemplary retrofit of 8 demonstration public buildings** in the four participating European regions (North, Central, South, East) is realised. By choosing public buildings of different types such as colleges, cultural centres, nursery homes, university buildings and churches etc. for implementing the measures, groups of differing age and social origin can be reached easily. Public buildings can be used as engines to heighten awareness and sensitise society on energy conservation. The technology applications include measures at the building envelope like improved insulation and high-efficient windows, advanced ventilation concepts like hybrid systems, integrated supply technologies like combined heat and power units, energy-efficient lighting and integrated solar application.

Research work packages deal with socio-economic research such as the identification of real project planning needs and financing strategies, retrofit design guidelines, an internet-based knowledge tool on retrofit measures and case studies and a quality control tool-box to secure good long-term performance of the building and the systems. First results are available at the project website.



Exemplary result of research work: Financial schemes report.



Proceedings of Berlin symposium.

The third main pillar of the BRITA in PuBs project is **dissemination**. This is divided into a minor part, the training of users, facility managers and architectural students, and a larger section on publishing the research and demonstration work to different target groups. Within this activity the first Ecobuildings symposium was organised in Berlin.

Extract from Newsletter, December 2006:

Wind Turbines – One Year On

One year has now passed since the installation of two 6 kW wind turbines to the roof of the Innovation Centre at Plymouth College of Further Education. Their presence has created much interest. Organisations from across the UK have been in touch with the college to learn from their experience. Also BBC and local commercial television have shown news on the wind turbines.

New Ecobuildings Newsletter now available

The third newsletter from the common Ecobuilding dissemination group is focusing on the progress of the four projects, parallel activities and the initial monitoring results.

The BRITA in PuBs newsletter gives an overview of the project results and also informs about general issues related to energy efficiency. To view all news please visit the website www.brita-in-pubs.eu.

Demonstration

Germany: Stuttgart



Nursery Home Filderhof

Great Britain: Plymouth



Plymouth College of Further Education

Norway: Asker



Borgen Community Centre

Norway: Hol



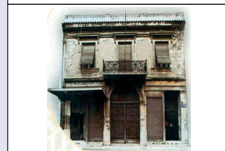
Church Hol Commune

Denmark: Copenhagen



Cultural Centre Proevhallen

Greece: Athens



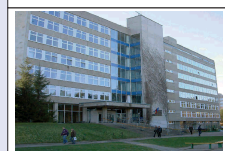
Evonymos Ecological Library

Czech Republic: Brno



Students Social and Cultural Centre "Brewery"

Lithuania: Vilnius



Main Building Vilnius Gediminas University

