

Press Release

Official Co₂olBricks Seminar in Malmö, Sweden – new experiences for redevelopment processes

From 12th to 14th December 2011 the **Co₂olBricks** partners will meet in Malmö to continue discussing the project's development and how to proceed. Baseline studies for policy development for technical solutions and for education and training in the partner countries have been developed and need to be discussed in order to see how these should and could be used to argue and move forward the issue of energy efficiency in historic buildings.

On the third day an open seminar will be held with speakers from Germany, Norway and Sweden, focusing on refurbishment possibilities, on stakeholder involvement and how the **Co₂olBricks** project fits into the European standard development on guidelines for energy efficiency in valuable buildings.

The meeting will be held in a building in an area that was built in the 1930s as a hospital complex. The Boiler house has been refurbished to accommodate meeting rooms and exhibitions for the local Eco-centre. Other buildings in the area will be refurbished under **Co₂olBricks** taking into account their cultural and architectural value, to house flats, schools and other functions.

The **Co₂olBricks** experiences will feed into the redevelopment process in Malmö as well as Malmö will be able to share experiences to the project.

Wednesday 14th December

Location: Sege Park, Ekocentrum, Simrisbanvägen, Malmö, Sweden

09:00 – 10:30

Energetic Refurbishment of Brickbuildings,
Dr. Rudolf Plagge, Technical University Dresden

10:30 – 11:00

Coffee Break

11:00 – 11:30

Feasibility Study for the proposed European Standard "Guidelines for improving energy efficiency of architecturally, culturally or historically valuable buildings,
Marte Boro, Senior Adviser, Directorate for Cultural Heritage, Norway

11:30 – 12:30

Project EU CO₂ 80/50 Stakeholder involvement in regional mitigation strategies
Rainer Schepplmann, Ministry for Urban Development and Environment Hamburg International Climate Cooperation

Registration:

Please register by e-mail to Stefan Thornkvist:

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Co₂olBricks - Climate Change Cultural Heritage & Energy Efficient Monuments

Project Description

Co₂olBricks is a project that is looking for solutions to modernise historical buildings. The aims are to protect their historical value as well as reducing their energy consumption.

The conservation of heritage, in particular of historical buildings, is a common goal in the Baltic Sea Region (BSR). Due to the common identity in the BSR it is very important to protect the historical buildings with their individual characteristics; that will preserve the attractiveness and competitiveness of the cities around the Baltic Sea.

Modern heating, thermal insulation and windows of a high thermal standard are the technical solutions for new buildings. In historic buildings the boundary conditions were often not investigated; in many cases serious damages, defects or disadvantages are caused by applying technical solutions for new buildings to existing buildings. In Co₂olBricks for the first time a combined insulation and heating concept for old buildings is developed and for the first time we are researching the basic conditions of such a heating concept (i.e. the building shell) and challenge the theoretical calculations as well.

Nowadays climate protection goals and heritage conservation are often in conflict with each other. Regarding the restoration of old buildings it is difficult to decide between no/bad climate protection and no/bad heritage conservation. This project, however, aims to find solutions to combine the necessary CO₂ reduction targets with technically, administratively and historically adequate approaches to heritage conservation.

Especially the BSR's brick architecture in the former area of the Hanseatic League presents an excellent possibility to find transferable methods and solutions.

Basic Project Information

The project has been granted under the "Priority1: Fostering Innovations" by the Baltic Sea Region Programme 2007 - 2013. Co₂olBricks started in December 2010 and runs until December 2013.

During this time it has a total budget of 4,3 Mio. €. 18 partners from 9 countries with 9 languages work together.

Furthermore several „Associated Partners“ are involved in the project and support the project in different ways. They also benefit from the project results. Involved partners are foundations, bodies of economy, institutions and associations in the field of heritage conservation and education.

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**Main Aims**

The main issue of the project is the following: How to reduce the energy consumption of historical buildings without destroying their cultural value and identity? Every country in the BSR and in the rest of Europe has to face this challenge and has to look for solutions. That is the point the project starts from.

Main objectives are:

Policy Development

to forward the political discussion on national and transnational level about the installation of new cooperation models between administrative institutions, architects, engineers, housing and building companies and affected building owners.

This cooperation should lead to:

- implementing new strategies for technically, administratively and historically adequate approaches
- creating the political and administrative basis to implement the technical, educational and economical solutions
- declaring a transnational common position.

Technical Innovations

to find new technical solutions concerning energy saving potentials of historical buildings and to implement, monitor and evaluate pilot projects for historic buildings for optimised energy consumption.

Education and Economic promotion

to upgrade the knowledge and education of architects, engineers, craftsmen, etc. to harmonise the curricula with the objective of an open market.

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