

Press Release

First project results of Co2olBricks available - two Baseline Studies published and ready to download

The first two Baseline Studies "The Situation of Climate Protection and Cultural Heritage - Baseline study of Work Package 3 Policy Development" and "Refurbishment for the energy efficiency of historic buildings in member states in the Baltic Sea Region - A handbook of the "most common methods for improvements to energy efficiency" - Baseline study of Work Package 4 Technical Innovations" are published and are available to download here:

The Baseline study of **Co2olBricks** Work Package 3 - Policy Development - is an inventory of criteria steering climate protection and cultural heritage of the participating partner countries. That is criteria such as cultural heritage- and energy legislations, building regulations, EU-directives and their national implementation plus financial mechanisms.

The results of the baseline study appoint topics and themes for expertise seminars and workshops that will analyse it and contribute with their knowledge. Adoption of the results of the baseline study and the consequences from the whole project gives strategic activities which aims at to affect implementation in national and regional development and climate protection plans, in urban development, regulations and legislations, etc.

The "handbook of the most common methods for improvements to energy efficiency" is the initial result of the work package 4 which gives an insight into common methods of refurbishment for the energy efficiency of historic buildings in eight participating countries of the project. It serves as an exchange for various experiences and shows the different standards in the participating countries. By referring to this handbook, the project partners can start to develop common alternative procedures for refurbishment for energy efficiency which use improved technologies or new methods.

Baseline studies are available at www.co2olbricks.eu/index.php?id=112



Currently the project partners who implement pilot projects are either finalising their planning phase or are already implementing refurbishment and research measures.

At the mid term conference 17./18. September 2012 in Malmö / Copenhagen these interim results will be presented.

More information on www.co2olbricks.eu. Pictures on request. Current newsletter at www.co2olbricks.eu/index.php?id=83

Press contact:

Communication Management Co2olBricks | Dipl.-Ing. Jan Gerbitz | M.Sc. Anna Muche
ZEBAU GmbH | Große Elbstraße 146 | 22767 Hamburg | Germany
fon: +49 40 380384 11 | fax: +49 40 380384 29 | co2olbricks@zebau.de

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.

Contact Lead Partner

Department for Heritage Preservation Hamburg

Jan Prahm

fon: +49 40 428 24 - 729

www.hamburg.de/denkmalschutzamt - jan.prahm@kb.hamburg.de

Press contact:

*Communication Management Co₂olBricks | Dipl.-Ing. Jan Gerbitz | M.Sc. Anna Muche
ZEBAU GmbH | Große Elbstraße 146 | 22767 Hamburg | Germany
fon: +49 40 380384 11 | fax: +49 40 380384 29 | co2olbricks@zebau.de*



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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