

Press Release

Historical-energetical exchange as modern school cooperation between Hamburg, Germany and Gdansk, Poland.

From 12.04.2012 till 16.04.2012 pupils and teachers from district school Barmbek in Hamburg; Germany visit their partner-school Zespół Szkół Inżynierii Środowiska Center Kształcenia Ustawicznego in Gdansk-Orunia, Poland.

Both schools pursue the same goal: they would like to make new memories and at the same time prepare and use those in a future-orientated way.

In their mutual focus are historical monuments, i.e. such monuments

- That make statements about their time, their memories and their warnings;
- That remind us about history: warning, preserving, making happy and in the time of energy saving euphoria becoming the topic of debate;
- That are of more or less importance, that have more or less meaning and that cost more or less.

Two schools in historical cities of the Baltic-Sea-Region address these topics by answering the following questions:

- How important are these witnesses of the past for us?
- What do they mean to us today, these energy drains from the time when nobody gave a thought to climate change?
- Have they got the right to survive (and if yes, under what conditions)?

in the mutual perspective regarding historical monument protection and their maintenance.

During the meetings on these three days the school teams work on these questions in order to present them to the expert commission in the conference of the project **Co2olBricks** of the Baltic Sea Region Interreg Program on 16.4.2012 in Gdansk, Poland.

This workshop can be the prelude and example of mutual attention to our brick buildings in general, as well as to our historical monuments in this region. It is transferable to other living environments and other key aspects.

But first and foremost it is also contemporary discussion of your past and its function in our mutual future!

The pupils from Hamburg and Gdansk present and discuss the results of their workshop at the opening of the **Co2olBricks** conference „Monuments Protection – Energy Efficiency” in Gdansk on 16.4.2012.

More information on www.co2olbricks.eu. Pictures on request.

More information on the Conference „Monuments Protection – Energy Efficiency” in Gdansk at <http://co2olbricks.syncope.de/index.php?id=47>

Current newsletter at <http://co2olbricks.syncope.de/index.php?id=83>

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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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