



Press release



International Final Conference Longlife 2011

Longlife - European harmonization for sustainable buildings in the Baltic Sea Region - Innovative ideas for sustainability, energy and cost efficiency

On 9 November 2011, Project Longlife presents the final results at the Longlife International Final Conference at the Federal Ministry of Transport, Building and Urban Development under the auspices of its Parliamentary State Secretary, Dr. Andreas Scheuer.

The Parliamentary State Secretary, Dr. Andreas Scheuer will open the conference. During the conference the project partners from Denmark, Lithuania, Poland and Russia will present their results of the three years of joint work. These national Pilot Projects were created using the Longlife Prototype, a catalogue of materials, elements and technologies that fulfill the Longlife benchmarks. The benchmarks are jointly developed standards for energy and cost efficiency as well as reduced CO₂ emissions.

All pilot projects incorporate the different climatic conditions of their regions and local building materials.

A great diversity becomes apparent with the implemented technologies that focus on renewable energy sources. A spectacular result of Longlife is the new technology of a „thermal barrier“. It was developed at Gdansk University of Technology and is currently being patented.

To measure if the implemented building elements and technologies fulfill the Longlife benchmarks, the pilot projects are evaluated and certified with the Longlife Performance Pass.

These practical solutions and innovative technologies are applicable to other building typologies. Joined by seven other projects, Longlife will formulate a compendium in 2012 showing the potential and synergies of an Energy Cluster.

Along with guests from Germany, Denmark, Poland, Lithuania and Russia also delegates from China and Egypt will attend the conference.



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During the conference all participants have the opportunity to have a closer look at the five pilot projects which are shown in the exhibition in the foyer. The project partners will be happy to answer any questions about the pilot projects.

Longlife is one of 73 projects co-financed through the Baltic Sea Region Programme 2007-2013 of the European Union. The main goal was the developing standards for sustainable, energy efficient and resource saving residential buildings in the Baltic Sea Region. Lead Partner is Prof. Dr.-Ing. Klaus Rückert from the Department of Design and Structure, TU Berlin. The Federal Ministry of Transport, Building and Urban Development is an associated partner of the project and supports the lead partner within the framework of the Transnational Federal Programme.

Prof. Dr.-Ing. Klaus Rückert believes the project Longlife has been a huge input in the development of a common understanding between European sustainable buildings, *“Every country in the Baltic Sea Region of Europe approaches the design, the building permit, the tender procedure and the building management of its residential buildings in a different way. This project has offered all five country members a chance to share their bright ideas and look at ways where we can offer a more integrated, international approach that will benefit users across the continent. We have developed the first ideas for the harmonization.”*

The European project Longlife optimizes the energy performance and life cycle costs in new residential buildings in the project partner countries (Germany, Denmark, Poland, Lithuania and Russia) within the framework of Europe Strategy 2020. The optimization is achieved through the more integrated approach in the design process using the developed Longlife benchmarks and Longlife Prototype Catalogue focusing on ecological, social and economical aspects.

Three competence teams were created as international teams for planning, building permission and tendering procedure, as well as for cost efficiency of the pilot projects.

An important result of the project Longlife is that through additional expenses during the planning process, operating costs can be considerably lowered in a building's lifecycle.

All results of the project Longlife are published in Longlife report 1 “Analysis and Comparison“, Longlife report 2 “Development of Standards“and in the reader Longlife Design Class. Longlife report 3 “Energy Efficient Design“will be published in December 2011.



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see also:

<http://www.longlife-world.eu>

<http://de.wikipedia.org/wiki/Longlife>