

Longlife

Penultimate workshop of the project Longlife organized in Gdynia

The EU project Longlife, in which Poland is represented by the Gdańsk University of Technology and the Municipality of Gdynia, is in its final stage. The workshop organized in Gdynia on 4-6 May had the key importance for the project results.



Workshop Gdynia, 5 May

From the right: Prof. Dr.-Ing. Klaus Rückert, Dr. Marek Krzaczek, Maria-Ilona Kiefel

„Sustainable, energy efficient and resource saving residential buildings in consideration of unified procedures and new and adapted technologies” is the main idea of the project Longlife. The project aims to lower the lifecycle costs and the ecological impact of residential

buildings through development of new building standards covering wide range of technical, financial, procedural and ecological aspects.

In the current and last project stage, called Work Package 5 (WP5), efforts are made to design building prototypes in each country in compliance with the developed standards. Each prototype will be certified against the Longlife Performance Pass and will be an example of highly sustainable building.



The Gdynia workshop was the second workshop in the WP5 stage. The municipality of Gdynia represents Poland together with the Gdańsk University of Technology. Mr. Roman Witowski, the representative of the Gdynia municipality claims that:

"The city of Gdynia eagerly supports the idea of sustainable building. The idea has not only the ecological dimension, but also the practical one in the form of a considerable operating costs reduction, what has a key importance especially in the case of social buildings."

During the two day long workshop in Gdynia, organized in the Pomeranian Science and Technology Park, the project partners had to make final decisions concerning the remaining tasks.

Team 1 shared with the building prototype conceptions from each country as well as with



partners views on the further design procedure. The partners agreed that all prototype buildings will be designed using the Longlife catalogue of elements presenting the most sustainable solutions in the fields of building materials and technologies. Taking advantage of the catalogue should guarantee the compliance with the Longlife standards.

Team 2 met to discuss and clarify further work for administrative, legal and tendering procedures. The future potential for providing an insight on the subject was thoroughly discussed. Major conclusions are that the planning, building



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permit and tender documents should as far as possible integrate the recommendations concerning supervision, inspection and incentives. Documents must reflect the existing mandatory and voluntary frameworks for the individual partners together with recommendations for future content that supports sustainable construction. Also an idea was proposed to include in the project an assessment method of the social consequences of the urbanization process. The final decision concerning this topic will be made during the upcoming Team 2 consultations.

Team 3 discussed the proposed method of lifecycle cost assessment taking into account initial, operational and demolition costs. A discussion took place to find fields which are the most capable of cost reduction over building lifetime. The team decided that 3 additional team meetings are needed before the final conference in order to manage the LCC calculations.

At end of the workshop, all the partners discussed the details about the structure, content and schedule for the Longlife Report 3 which will contain all WP5 results.

The workshop in Gdynia was the penultimate project workshop, before the final conference in Potsdam/Berlin in November 2011.

Longlife is a European Union project, implemented within the framework of the Baltic Sea Region Programme 2007 – 2013. To learn more visit: www.longlife-world.eu

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