SYMPOSIUM

LIFELONG LEARNING FOR SUSTAINABLE BUILDINGS

PROJET TRANSFERT DE l'INNOVATION LEONARDO DA VINCI
As part of the TOI project Training Tools for Sustainable Buildings, Project n°: 2011-1-FR1-LEO05-24459

September 6th 2012 – Gußhausstraße 30, 1040 Vienna – Freier Eintritt

PROGRAMME

13:00 Registration & Welcome

13:30 - 15:30 SESSION 1: Innovative Approaches

15:30 - 16:00 Coffee Break

16:00 - 18:00 SESSION 2: Experiences from Different European Countries

18:00 Come Together & Light Buffet

Presentations will be in English.

EXPERTS ROUND TABLE & KEYNOTES:
Ramona Crusitu : BBM Grup, Bucarest
Renée Floret-Scheide : Renée Floret-Scheide Architecte, Paris
Luc Givry : ARVHA, Paris
Günter Lang : Lang Consulting, Vienna
Sotiris Papadopulos : OMADA 80, Athens

Registration via E-Mail at **symposium@spherolight.com**

SPEAKERS

Catherine Guyot : ARVHA
The TTSB-Project – Lifelong learning for sustainable buildings

Josef Mathis : Gemeinde Zwischenwasser
Consulting and training for builders and clients in municipalities on the example of Zwischenwasser

Thomas Lewis : energieautark
EnergieAudioAkademie – Development and use of audio files for the training of building professionals

Hildegund Mötzl : IBO – Österreichisches Institut für Baubiologie und Bauökologie
Baubook and Green Academy – E-learning and digital media for vocational training in the construction industry

Katharina Zwiauer : GRAT – Gruppe Angepasste Technologie
e-genius – Knowledge and learning platform for vocational training

Karin Stieldorf : Vienna University of Technology
Working Group for Sustainable Buildings – Ten years training towards sustainability in construction

Richard Sickinger : Danube University Krems
Future Building Solutions – An international perspective

Ilaria Montella : Roma Tre University
Department of design and architectural studies – Pushing sustainable buildings in Italy

LIFELONG LEARNING FOR BUILDINGS WORTH LIVING IN

Lifelong training is for buildings and real estate of particular importance. 40% of the total energy consumptions of the EU member states are caused by buildings and in buildings. 80 – 95% of this energy consumption and the appertaining CO2-emissions can be reduced as well. Together with that, building quality, health and comfort can be improved decisively.

In recent years this energy saving potential was recognized by different interest groups. This resulted in the realization of various political steering and funding activities to improve the energy efficiency of buildings as well as numerous developments in the field of construction planning and building technology. Thus new building standards like the low energy house and the passive house were developed. These standards stand out due to extraordinary low energy consumption.

The usable space in passive houses in Europe accounted for about 0.1 million m² in the year 2000. In 2012 Europe has reached a usable space of almost 20 millions m². In the year 2021 the usable space in passive house quality could reach 340 millions m² for new and existing buildings together. This development leads to an enormous demand of initiatives of vocational training and education for sustainable energy efficient buildings.

The EU building directive of 2010 (Directive 2010/31/EU) contains further considerations. From 2021 only so called nearly zero-energy buildings will be allowed to be constructed - buildings with a very high total energy efficiency, which will meet the energy needs mainly from renewable sources.

This development leads to an enormous demand of initiatives of training and further education towards innovative sustainable buildings.

Education and Culture DG
Lifelong Learning Programme

TU WIEN