SB13 Graz – CALL FOR PAPERS

International sustainable building conference 2013 in Graz
26th-28th September 2013
Graz University of Technology, Austria

Introduction
The SB13 Graz conference is part of the major international series of conferences that focus on sustainable building and construction. The series was launched by the International Council for Research and Innovation in Building and Construction (CIB) and the International Initiative for a Sustainable Built Environment (iISBE) more than ten years ago, and these partners were subsequently joined by the Sustainable Building and Climate Initiative (SBCI) of United Nations Environment Programme (UNEP) and the International Federation of Consulting Engineers (FIDIC).

The Institute of Technology and Testing of Building Materials of Graz University of Technology (TU Graz) is going to host this conference in co-operation with AEE – Institute for Sustainable Technologies (AEE INTEC).

Sustainable Building Conference 2013
The SB13 Graz deals with sustainable buildings, construction products and technologies. The focus will be on evaluation and certification, design and planning, innovation and technology as well as high quality refurbishment and best practice examples. The SB13 Graz target groups are participants from the construction industry, engineering services, planner architects as well as project developers and facility managers. Within the conference there are variable workshops and project meetings such as the iISBE meeting, ANNEX 56/57 and also a smart cities workshop by the city of Graz and Zürich. Therefore the sustainable building conference 2013 in Graz will communicate the latest findings of sustainable construction.

Topics
The main sessions of the SB13 are Blue Buildings, Green Products, Smart Cities and Retrofitting (ökosan’13). The ökosan’13 deals with the conditions for ecological high quality refurbishment on (non)residential buildings.

PhD School / Ökobilanz-Werkstatt 2013
The “Ökobilanz-Werkstatt” is an event of the network “Netzwerks Lebenszyklusdaten” for graduates and PhD-students as well as junior scientists on the field of Life Cycle Assessment. The “Ökobilanz-Werkstatt” provides a platform to discuss different research topics on LCA. Furthermore the possibility of networking enables further co-operations on scientific issues and further research projects.

2013 the “Ökobilanz-Werkstatt” takes place in Austria for the first time. Graz University of Technology and the Institute of Technology and Testing of Building Material especially the working group on sustainability assessment is hosting this event. This PhD-School takes place in the run-up of the Sustainable Building Conference 2013 (SB13) in Graz. The focus is on Life Cycle Analysis in the construction section.
Topics of the SB13 Graz

1) Blue Buildings:
   - Building sustainability certification
   - Zero impact / resource efficient / plus energy / low energy
   - Life cycle sustainable assessment (including SLCA)
   - Sustainability in real estate business
   - Environmental and economic performance of buildings
   - Integrated design processes / Life cycle design

2) Green Products:
   - Construction Products Regulation (CPR) / certification requirements / basic requirement No.7
   - Environmental Product Declaration (EPD)
   - Innovative products / systems for sustainable buildings

3) Retrofitting/ökosan '13:
   - Legal and economic frame conditions for ecological high quality refurbishment
   - Life cycle perspectives in ecological high quality refurbishment
   - Technologies and aspects of high quality refurbishment in nonresidential constructions
   - Opportunities and potentials for energy efficient modernisation of building clusters
   - Demonstration projects considering new technologies and innovative concepts for the renovation of large-volume buildings

4) Smart Cities:
   - Urban development
   - Best practices
   - Mobility

Call for Papers
The deadline for abstract submission has been scheduled for 1st January 2013. The abstract should contain 400 words and consider the guidelines on the conference website. The length of the full paper should be 8-10 pages and the extended abstract which will be printed in the proceedings for the conference is 2 pages maximum. The further procedure for submitting the abstract is given on the conference homepage www.SB13.org. Double blind peer review is applied on the submissions by the international scientific committee, to guarantee a high quality conference.

Important dates
- Deadline call for papers 01/01/2013
- Notification of acceptance of abstracts 01/03/2013
- Full paper submission 01/05/2013
- Early bird registration 30/06/2013
- Notification of acceptance of full papers 30/06/2013

Conference venue
Graz is the capital of Styria and the second largest city in Austria, with about 267,000 inhabitants. The city of Graz hosts 4 Universities and 2 Universities of applied sciences with all together 50,000 students. Graz is located in the foot hills of the Alps on the river Mur and impresses you with a bland climate and vineyards in the region of southern Styria (“Austrian Tuscany”).
In the year 2003 Graz has been the European capital of culture and since 2011 it is selected an UNESCO city of design. The marvellous historic city centre, which is declared as a world heritage of UNESCO, is placed around the mountain “Schloßberg” with the well-known Clock Tower “Uhrturm”.

Graz University of Technology
Science, Passion, Technology: for more than 200 years the Graz University of Technology with about currently 12,000 students on the fields of natural sciences and engineering satisfies the demands of the job market with 1,000 graduates each year, who have a very high demand on the employment market. The unique and strong networking with regional and international business partners is a crucial factor of success for the University on the different fields of activities. The mission of the Graz University of Technology is driven by strong passion for a responsible and sustainable development of our Society, economy and environment.

AEE INTEC
Co-host of the SB13 Graz is AEE – Institute for Sustainable Technologies, which was founded in 1988 as an independent research association and is one of the leading institutes for applied research in the fields of solar thermal energy, low-energy and zero energy buildings as well as in energy efficiency in industry. Besides these energy related topics also sustainable water management is a focus area.

Conference Topics

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- Environmental and economic performance of buildings

Green Products
- Construction Products Regulation (CPR) / certification requirements / basic requirement No. 7
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Retrofitting ökosan'13
- Legal and economic frame conditions for ecological high quality refurbishment
- Life cycle perspectives in ecological high quality refurbishment
- Technologies and aspects of high quality refurbishment in nonresidential constructions
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- Demonstration projects considering new technologies and innovative concepts for the renovation of large-volume buildings

Smart Cities
- Urban development
- Best practices
- Mobility

DEADLINES
- Abstract Submission: January 01, 2013
- Full Paper Submission: May 01, 2013
- Early Bird Registration: June 30, 2013