



## CIB NEWS ARTICLE

International Council for Research and Innovation  
in Building and Construction

Providing a global network for international exchange and cooperation in research  
and innovation in building and construction, in support of an improved building  
process and of improved performance of the built environment.

August 2009

### Around the Task Groups and Working Commissions

#### W115 - Construction Materials Stewardship

## Report of the Commission Meeting of "Construction Materials Stewardship", June 2009, Enschede, The Netherlands

by

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The third Commission Meeting of CIB working Commission W115 "Construction Materials Stewardship" was held in conjunction with the CMS 2009 Conference on Lifecycle Design of Buildings, Systems and Materials at the University of Twente in Enschede, The Netherlands on 14 June 2009.

The meeting was attended by participants from Canada, Germany, Japan, The Netherlands, Israel, New Zealand, Norway, Portugal, Singapore, Turkey, the United States, United Kingdom, and Venezuela.

#### Mission

CIB working Commission W115 was established in January 2007 with the mission to help to drastically reduce the deployment and consumption of new non-renewable construction materials, to replace non-renewable materials with renewable ones whenever possible, to achieve equilibrium in the demand and supply of renewable materials and ultimately to restore the renewable resource base, and carry out these tasks in ways to maximize positive financial, social and environmental and ecological sustainability effects, impacts and outcomes.

#### Meeting Report

##### W115 Conference

The W115 members thanked Elma Durnisevic of the University of Twente for her outstanding work in organizing the "CMS2009" Conference, especially her efforts in bridging the gap between the theory and practice in the field of sustainable design and construction by involving the designers and



Elma Durnisevic  
Organiser of CMS2009

constructors in the Conference. The proceedings of the conference were distributed during the conference as the second publication of W115: "Lifecycle Design of Buildings, Systems and Materials" – CIB publication number 323.

##### Summary from CIB

Wim Bakens, the CIB Secretary General provided a summary of the CIB activities related to sustainability and mentioned that sustainability is one of the main focuses of the CIB research activities and currently, several CIB Working Commissions and Task Groups have focused their activities on sustainability issues.

He added that CIB together with iSB and UNEP is engaged in the SB – Sustainable Building Conference Series, with up to ten regional conferences in 2010, culminating SB11. The next Global Sustainable Building conference to be held in London in 2011.

##### Commission Projects

Gilli Hobbs of the BRE in UK and reported that her subgroup is planning to provide a publication evaluating wastage rate for a number of key building products widely used by the construction industry. She asked all national representatives to provide her with waste statistics for their countries by October 2009. This publication is due by the end of 2009.



Shiro Nakajima of the Building Research Institute in Japan is in lead of a subgroup that is developing a list of barriers for deconstruction and reuse of construction materials and the best strategies to overcome these barriers. This publication will be completed by the end of 2009.

Elma Durmisevic of the University of Twente, The Netherlands reported that her subgroup intends to publish a report on design aspects and construction methods for transformable and adaptable buildings before the next annual meeting in summer 2010. She will send an outline of the reports to the national representatives for their contributions in this publication.

John Storey of the Victoria University of Wellington in New Zealand reported that he is working on developing a list of best practices in Construction Materials Stewardship based on the first publication of W115 (CIB Publication 318).



He also discussed the status of the commission questionnaire on tertiary education associated with construction materials stewardship. He will send the commission questionnaire with an introduction sheet to all members before the fall semester starts.

**National Reporting**

The commission has developed the concept of Members providing detailed reports at each Commission Meeting on what is happening in their country related to Construction Materials Stewardship.

Gilli Hobbs presented a report on waste reduction activities in UK.

Shiro Nakajima presented a report on C&D waste data and policies in Japan.

Anne Sigrid Nordby of Norwegian University of Science and Technology and Edward Anggadaja of Building and Construction Authority of Singapore provided a report on the state of construction waste and recycling of construction materials in Norway and Singapore, respectively.



An attentive audience listening to the W115 presentations

These National Reports are available to the W115 Commission Members. They have proven to be a great source of information on what is happening in the area in the world.

**Next Meeting**

The next meeting of CIB W115 will be held in summer of 2010 in Beijing, China. Professor Peiyu Yan, of the Institute of Building Materials in Tsinghua University, has agreed to host the meeting.

**Publications**

Proceedings of CMS2009 Conference, the second publication of W115 Lifecycle Design of Buildings, Systems and Materials – CIB Publication No.323



A separate article with the conference proceedings is published in another section of this newsletter (see [here](#)).

**Additional Information**

For additional information about the CIB W115 please contact the Coordinators: Frank Schultmann [frank.schultmann@wiwi.uni-karlsruhe.de](mailto:frank.schultmann@wiwi.uni-karlsruhe.de) Abdol Chini [chini@ufl.edu](mailto:chini@ufl.edu) and John Storey [john.storey@vuw.ac.nz](mailto:john.storey@vuw.ac.nz).



You can find more information on the activities of CIB W115 at [www.cibworld.nl](http://www.cibworld.nl) - Databases - select "Go to Database" - in the shown search engine: type W115 in the field "Commission number".



Prof. Dr. Ir. Andre Doree of the Twente University, talking to a local industrialist in the exhibition of local innovations in support of enhancing Construction Materials Stewardship, that took place in conjunction with the W115 Commission Meeting