



International Council for Research and
Innovation in Building and Construction

W115 - "Construction Materials Stewardship"

Report on the first business meeting of
CIB Working Commission W115 "Construction Materials Stewardship"
Lisbon 2007

Wednesday, 12 September 2007, 2:00 – 3:45 PM, and
Thursday, 13 September 2007, 1:30 – 3:15 PM

Instituto Superior Técnico, Lisbon, Portugal

The first business meeting of the CIB W115 was held in conjunction with the Portugal SB07 Conference, "Sustainable Construction, Materials and Practice" in Lisbon, Portugal.

The meeting featured ten country reports. Representatives from Germany, Japan, The Netherlands, Portugal, Slovenia, Sweden, Venezuela, New Zealand, the United States and United Kingdom gave an overview on the state of construction materials stewardship in their countries. These reports facilitated establishing a prioritized roadmap for W115.

All visitors expressed their strong interest and support in the commission's activities.

Meeting Attendees

- John Storey, Victoria University of Wellington - School of Architecture, New Zealand (john.storey@vuw.ac.nz) (Coordinator)
- Abdol Chini, University of Florida - Rinker School of Building Construction, United States (chini@dcp.ufl.edu) (Coordinator)
- Frank Schultmann, University of Siegen - Chair of Construction Management and Economics, Germany (frank.schultmann@uni-siegen.de) (Coordinator)
- Rogerio Amoeda, University of Minho, Department of Architecture, Portugal (rogerio.amoeda@netcabo.pt)
- Björn Berge, Gaia Lista As Jolle, Denmark (bjorn@gaiaarkitekter.no)
- Inge Blom, Delft University of Technology- OTB Research Institute, The Netherlands (i.s.blom@otb.tudelft.nl)
- Jorge de Brito, Technical University of Lisbon, Portugal (jb@civil.ist.utl.pt)
- Elma Durmisevic, Technical University of Delft - Faculty of Architecture, The Netherlands (E.Durmisevic@bk.tudelft.nl)
- Paulo Castro Gomes, University of Beira Interior, Portugal (castro.gomez@ubi-pt)
- Lucija Hanzic, University of Maribor - Faculty of Civil Engineering, Slovenia (lucija.hanzic@uni-mb.si)
- Gilli Hobbs, Building Research Establishment, UK (hobbsG@bre.co.uk)
- Said Jalali, University of Minho - Department of Civil Engineering, Portugal (said@civil.uminho.pt)
- Amnon Katz, Technion-Israel Institute of Technology, Israel (akatz@technion.ac.il)
- Charles Kibert, University of Florida - Powell Center for Construction and Environment, United States (ckibert@ufl.edu)
- Antonio Lobato Santos, Lisbon Technical University – School of Architecture, Portugal (ajsantos@fa.utl.pt)
- Shiro Nakajima, Building Research Institute - Department of Building Materials and Components, Japan (nakajima@kenken.go.jp)
- Anne Sigrid Nordby, NTNU, Norway (anne.sigrid.nordby@ntnu.no)
- Bente Nutz Leland, Bjomemyr, Norway (bente.leland@berkana.no)
- Luis Antonio Pereira de Oliveira, University of Beira Interior, Portugal (luiz.oliveira@ubi.pt)
- Carlos Suarez, Universidad Centroccidental Lisandro Alvarado, School of Civil Engineering, Construction Department, Venezuela (cjsuarez@cantv.net)
- Nicole Sunke, University of Siegen - Chair of Construction Management and Economics, Germany (nicole.sunke@uni-siegen.de)
- Catarina Thormark, Lund University - Construction Management, Sweden (catarina.thormark@bekon.lth.se)

Minutes of the Meeting

1. The coordinators of W115 summarized the upgrade of former TG 39 (Deconstruction) to W115 in January 2007, introduced the organizational structure of the commission and outlined the main objectives and the mission statement of the commission.
2. The website of W115 (www.cibw115.uni-siegen.de) was introduced by Frank Schultmann, hosting the website, and suggestions for amendments and improvements were discussed. The website will be amended by stakeholders, where all visiting members will be listed, further links to relevant information and a glossary. Every member of the commission is welcomed to submit relevant information on organizations related to construction materials stewardship in their countries, regulations, reports and other scientific works.
3. Links and work to existing CIB Commissions and Task Groups were discussed. The Task Groups and Working Commissions closely related to W115 were identified as listed below. W115 intends to work consultatively and cooperatively with existing CIB Task Groups and Working Commissions wherever possible so as to add value to the work of both groups and avoid duplication. Currently, the following Task Groups and Working Commissions have so far been identified for consultation:
 - TG43 Megacities
 - TG66 Energy and the Built Environment
 - W080 Prediction of Service Life of Building Materials and Components
 - W104 Open Building Implementation
 - W107 Construction in Developing Countries
 - W108 Climate Change and the Built Environment
 - W110 Informal settlements and Affordable Housing
 - W116 Smart and Sustainable Built Environment
4. A short and medium work plan for W115 activities was discussed and agreed on. This comprises the following topics:
 - Gather and publish country reports from meeting in Lisbon plus any others that country representatives submit. See item 8 below.
 - Coordinators to consult with existing CIB Task Groups and Working Commissions listed under item 3 above
 - Coordinators, members and participants are encouraged to recruit additional members/participants
 - Encourage all members/participants to take part in one of the sub-groups listed below. John Storey will make presentations concerning W115 at Prague and Auckland SB07 conferences
 - Forming of subgroups: The following subgroups were formed (numbers according to the objectives of the commission listed in the proposal:

No.	Topic	Participants
3	Develop systems to mitigate and ultimately avoid construction material waste	Gilli Hobbs (Leader), John Storey
4	Develop ways of using material wastes as raw materials for making construction materials	Abdol Chini, Lucija Hanzic, Shiro Nakajima (Leader), Luis Antonio Pereira de Oliveira –
5	Develop methodologies for designing for closed loop materials use and for the effective recovery of materials and components from existing buildings	Charles Kibert (Leader), Frank Schultmann, Nicole Sunke, Rogerio Amoeda
6	Develop design and construction methodologies for transformable and adaptable buildings and spaces to extend service life and so reduce overall construction material resource use	Elma Durmisevic (Co-leader), Anne Sigrid Nordby, Catarina Thormark (Co-leader)

The subgroups are open for further members. Further subgroups will be established according to interests and initiatives from members of W115.

5. It was agreed to set up a commission database containing accessible literature on aspects of construction materials stewardship, information on relevant initiatives, organizations and programs in member countries. Every member of the commission is welcomed to submit relevant information. Charles Kibert volunteered to coordinate this work. Members/participants were asked to supply Charles Kibert with information. The database subsections would correspond to the 12 objectives of the Commission. It was agreed that data not available in English is welcomed, and is to be listed in that database, but the title at least should be translated into English.
6. The next meeting was agreed to be held in conjunction with the CIB SB08 conference in Melbourne (www.sb08melbourne.com) to be held from 21-25 September 2008. The meeting was tentatively scheduled to be held on 21 September 2008 (to be confirmed).
7. Hosting of the commission's meeting in 2009 was offered by Elma Durmisevic, TU Delft.
8. The country reports presented during the meeting are planned as first official publication of W115. The deadline for submitting these reports to John Storey is agreed to be 19 November 2007. The reports should be written using the template that was used for the conference papers of the Portugal SB07 conference. The date for the distribution of the reports is set to 20 December.

Siegen, 18 October 2007

Frank Schultmann