



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.

January 2008

CIB Priority Themes

For defined Priority Themes an approach is in place that may include activities carried out by the CIB Task Groups and Working Commissions, but that in essence is more program driven, aims for defined deliverables in a defined period and may include commitment based cooperation between CIB Member Institutes.

The portfolio of such programs of activities centres around the following themes:

- Sustainable Construction, in place as a CIB Priority Theme as long as since 1995
- Revaluing Construction, in place since 2001
- Clients and Users, a new theme that in 2007 replaced the former theme Performance Based Building, and for which a start was made with the development of detailed proposal for a CIB wide program of activities
- Integrated Design Solutions, a theme that was defined in 2004 as a then new theme, that is however still in the phase of definition and program development.

Below matrix in a somewhat simplified way shows the prime focus and orientation of these four themes.

CIB Priority Themes	primarily demand driven	primarily supply driven
primarily macro / Industry oriented	Sustainable Construction	Revaluing Construction
primarily micro / projects oriented	Clients & Users	Integrated Design Solutions

Sustainable Construction

In 2007 the emphasis was on the series of Regional SB – Sustainable Building – Conferences, for which CIB is Co-sponsor in cooperation with iiSBE (the international initiative for Sustainable Built Environments) and UNEP-SBCI (the Sustainable Building and Construction Initiative of the UN Environment Program).



SB07 Regional Conferences have taken place in: Toronto – Canada, Torino – Italy, Seoul – Korea, Lisbon – Portugal, Malmö – Sweden, Prague - Czech Republic, Kuala Lumpur – Malaysia, Taipei – Taiwan, Auckland - New Zealand and Hong Kong – China.



Two more of such conferences will take place in the beginning of 2008 in: Sao Paulo - Brazil and in Athens - Greece.

All those regional SB conferences lead into the worldwide SB08 Conference that will take place in September 2008 in Melbourne, Australia and that also is Co-sponsored by CIB, iiSBE and UNEP-SBCI.

CIB Task Groups and Working Commissions with an explicit focus on – aspects of – Sustainable Construction are:

- TG66 – Energy and the Built Environment
- TG69 – Green Buildings and the Law (established in 2007)
- TG70 – Sustainable Design of Tall Buildings (established in 2007)
- W101 – Spatial Planning and Infrastructure Development
- W108 – Climate Change and the Built Environment
- W115 – Construction Materials Stewardship (established in 2007 as upgrade of a former Task Group)
- W116 – Smart and Sustainable Built Environments (established in 2007 as upgrade of a former Task Group)

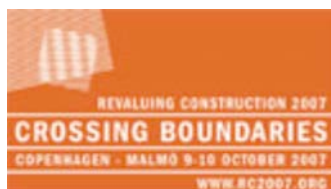
CIB Theme Coordinator for Sustainable Construction is Dr Rodney Vincent Milford, CIDB, South Africa (CIB Immediate Past President) (rodneym@cidb.org.za)



Revaluing Construction

The most eye-catching activities in 2007 in the context of the CIB Revaluing Construction program were:

- the Revaluing Construction 2007 Conference: Crossing Boundaries” that took place in October both in Copenhagen, Denmark and Malmö, Sweden
- the production by CIB Working Commission W065 – Organisation and Management of Construction – in cooperation with some other CIB Working Commissions, of CIB Publication 313 “CIB Priority Theme Revaluing Construction – A W065 Organisation and Management Perspective”, that can be downloaded for free [here](#)
- the publication by Blackwell Publishing of Prof Peter Barrett’s book “Revaluing Construction”, that was introduced in a special CIB News Article that can be downloaded for free [here](#).



CIB Task Groups and Working Commissions with an explicit focus on – aspects of – Revaluing Construction include:

- TG57 – Industrialisation in Construction
- TG61 – Benchmarking Construction Performance Data
- TG64 – Leadership in Construction
- TG68 – Construction Mediation
- W060 – Performance Concept in Building
- W065 – Organisation and Management of Construction
- W092 – Procurement Systems
- W112 – Culture in Construction
- W113 – Law and Dispute Resolution



CIB Theme Coordinator for Revaluing Construction is Prof Peter Barrett, University of Salford, UK (CIB President 2007 – 2010) (p.s.barrett@salford.ac.uk)

Clients and Users

In May 2007 it was decided that the former Priority Theme Performance Based Building, in the context of which one of the most dominant CIB activities consisted of the four-year EU funded program PeBBu, was to be replaced by a new theme that focuses on Clients and Users (in Construction). It is expected that

in the first half of 2008 a proposal for a somewhat elaborated program of activities can be presented.

CIB Task Groups and Working Commissions with an explicit focus on – aspects of – Clients and Users are:

- TG58 – Clients and Construction Innovation
- W060 – Performance Concept in Building
- W069 – Housing Sociologies
- W104 – Open Building Implementation

CIB Theme Coordinator for Clients and Users (in Construction) is Dr Lone Møller Sørensen, SBI, Denmark (left photo) (CIB Treasurer 2007 – 2010) (lms@sbi.dk) together with her colleague Dr Kim Haugbølle (right photo) (khh@sbi.dk)



Integrated Design Solutions

In preparatory CIB Workshops that took place in Ankara, Turkey and in Atlanta, USA in 2006 various possible focus areas of R&D were mentioned as to be included in a CIB IDS (Integrated Design Solutions) program, such as BIM (Building Information Models), IFC – Industry Foundation Classes as a basis for information modeling, 4D and N-D modeling for construction, interoperability of design technologies, new formats for product information as to be able to include such information in a BIM based approach and process organisation models that support information sharing during all phases of design, construction and building management processes.

It is expected that in 2008 an elaborated programme of activities in support of IDS can be presented.

CIB Theme Coordinator for Integrated Design Solutions is Prof Dr Matti Kokkala (left photo), VTT, Finland (Chair CIB Programme Committee 2007 – 2010) (matti.kokkala@vtt.fi) together with his colleague Prof Dr Arto Kiviniemi (right photo) (arto.kiviniemi@vtt.fi)

