



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.

April 2010

Forthcoming Meeting



Plenary Sessions and Workshops of Special Importance to Industry and Policy Makers

11th May 2010 - Meeting Society's Challenges

12th May 2010 - Building a Modern, Effective Industry

13th May 2010 - Maximising Value for the Future

The 2010 CIB World Congress is coming to the UK for the first time in 30 years and is focused on "Building a Better World". The construction and built environment sectors are already hugely important to achieving a world in which people are properly housed, in which buildings and transport systems support the efficient operation of our economies, and in which people are happy and healthy. But we can do better. Connecting and channelling the full capacities of the construction and built environment industries to meet the needs of the human race, head on, will transform the world, for us and for future generations.

The CIB World Congress is THE place to be to learn about the state of the art in markets, research and innovation linked to construction and the built environment. The Congress will include high profile presentations by leading authorities and thought leaders; workshops providing stimulating perspectives on major global issues that touch every individual and business; and access to the leading exponents from every corner of the global built environment research community. Around 800 people are expected to attend the Congress making it a wonderful networking opportunity.

Hosted at The Lowry and Digital World Centre in Salford Quays (opposite the rapidly emerging MediaCityUK) this is an event that anyone who wants to discover and test out ideas for future success should attend. Full details of the whole event are given at www.cib2010.org

On each of three full days a range of sessions and specialists' workshops are offered under the following themes:

- Meeting Society's Challenges
- Building a Modern, Effective Industry
- Maximising Value for the Future

Throughout each day delegates will have access to high profile general sessions, the focused workshops, and a wide range of specialist academic presentations on subjects such as law, building technology,



organisation and management, procurement, performance metrics, IT, energy, complexity, industrialisation, people / culture, knowledge management, architectural management, climate change, new models of production, PPP, health and safety, smart and sustainable / intelligent buildings and developing country perspectives.



Citybuildings

The daily all-inclusive fee is £125-200 (see below) or £460 for all three days. CPD credits will be available.

Tuesday 11 May - Meeting Society's Challenges

General Sessions

09.30 – 11.00 Opening plenary session

This will be addressed by our Guest of Honour, Kumari Selja, the Indian Government Cabinet Minister for Housing and Urban Poverty Alleviation and Minister for Tourism, on the issue of ridding India of slum dwellings.



There will be a welcome from Professor Martin Hall, Vice Chancellor of Salford University.



This will be followed by challenges to the built environment sector from:

Dr Michal Krzyzanowski of the World Health Organisation (WHO), about "healthy built environments"



Alastair Blyth of the Organisation for Economic Co-operation and Development (OECD), about "creating effective environments for education"



14.00 – 15.00 Plenary session

Challenges to the built environment sector will be made by:

Professor Samantha Hettiarachchi, UNISDR Specialist Advisor on Disaster Risk Reduction (UN), about "planning and implementing strategic mitigation measures"



The launch of "The Office Code" by Catherine Gall, its co-author and Director of Steelcase Workspace Futures in Europe, highlighting the impact of cultures upon office interaction and space planning.



18.15 – 21.00 Networking opportunity at a Reception at the Imperial War Museum North.

Choice of Specialist Workshops

11.30 – 13.00 World-wide Healthy Buildings

On average we spend 80% of our time inside buildings so the impact of buildings on our well-being is huge. At the moment, there are no globally accepted criteria for healthy indoor environments and lifetime buildings. Added to that, the state of the art and best practice in this field varies widely from country to country. Moreover, designing healthy built environments is a complex process involving many different areas of expertise. Among those are accessibility issues, assistance alert systems, use of healthy construction materials, a good indoor climate, easy to use apparatus/systems, lifespan homes, to mention only a few.

This workshop will provide a series of expert perspectives in response to the WHO challenges on healthy built environments, covering issues such as: how to limit emissions from complete structures, indoor environments, improving health by design and healthy housing guidelines, followed by an open forum discussion and the launch of a new CIB group focused on "Health and the Built Environment".

11.30 – 17.30 Usability and Sustainability of Learning Environments

This symposium provides an opportunity to share knowledge about the development, promotion and appraisal of learning environments. Participants will discuss concepts, principles, methodologies and their practical application. An emphasis will be placed on an evidence-based approach and upon understanding co-operative, social learning environments. The Symposium will introduce and explore two cross-cutting themes: Usability – user experience, well-being and effectiveness; and Sustainability – people, place and planet.

Keynote presentations will set out policy issues and strategies for creating learning environments. A user forum, involving Head Teachers and pupils, will discuss three inter-related themes - sustainable communities, transforming education and the quality of learning environments. Lastly, OECD CELE, BCSE and CIB W111 will provide an update on: Effectiveness of learning environments; Great Schools Enquiry; and Usability of learning environments, including the launch of "CIB Report – W111 Usability, Phase 3" covering: Learning environments, Evaluation tools and Management for Usability.

15.00 – 16.30 Capacity Development for Disaster Risk Reduction in the Built Environment

The destruction caused by recent natural and human-induced disasters has highlighted the susceptibility of the built environment and its vulnerability to hazards. The workshop will focus upon how to meet the requirements of affected communities and manage disaster risk reduction activities effectively, efficiently and sustainably. In this context, a capacity development framework is being developed with the aim of strengthening the knowledge, abilities, skills and behaviour of individuals responsible for the built environment, and improving institutional structures and processes.

The session will provide the opportunity for participants to learn about the stages of capacity development and the identified major stakeholder groups, as well as input into the further refinement of the framework. The session will move on to explore how capacities can be enhanced to better meet the needs of the affected communities. An Interim report on Capacity Development for Disaster Risk Reduction in the Built Environment will be launched at the Congress. This work has been supported by UNHABITAT and UNISDR. In addition the International Journal of Disaster Resilience in the Built Environment (IJDRBE) will be officially launched at the Congress.

Wednesday 12 May – Building a Modern, Effective Industry

General Sessions

09.00 – 10.00 Opening plenary session

The built environment sector will be challenged by Paul Morrell, the recently appointed and first incumbent of the post of UK Chief Construction Advisor, on the topic of delivering better value and more sustainable outcomes through greater integration.



The launch of a synthesis of national construction strategies by Carl Abbott, Manager of the Salford Centre for Research and Innovation in the Built Environment, raising questions about the difficulties of moving from aspirations to action.



19.00 – 23.00 Networking opportunity at Gala Dinner at Old Trafford, home of Manchester United

Choice of Specialist Workshops

10.00 – 13.00 Improving Design & Use through Integrated Design & Delivery Solutions (IDDS)

The development of IDDS is about radical and continuous improvement, rather than development of a single optimal solution. It takes the early work, which led to Building Information Modelling and then moves this technology-based innovation forward to encompass process change and re-skilling.

This will be a facilitated workshop involving a panel of senior figures representing clients, designers, constructors, operators and the research community. It will be linked to the official launch of the IDDS White Paper. The workshop aims to draw knowledge from attendees to re-ground the understandings in the White Paper and to help to kick-start a shared roadmap for making IDDS a reality.

11.30 – 13.00 Mock Mediation

Construction disputes throughout the world are increasingly being resolved by new forms of alternative dispute resolution (ADR) as a means of avoiding the costs and delays associated with litigation. Mediation is one such mechanism which has enjoyed phenomenal growth in recent years and which has an enviable track record in settling some of the industry's most intractable disputes.

The event provides an opportunity to see mediation in action at first hand. Using a role play scenario, and assisted by volunteers who will play the parts of the disputing parties, leading construction mediator David Richbell will provide a demonstration of a typical mediation. The dispute features a claim arising out of the construction of a defective building and the potential liability of the contractor and the structural engineer.

15.30 – 17.30 Innovation Debate: 'Construction is a Low Innovation Sector'

Construction is often accused of being a low innovation sector, but is this really the case? This debate and discussion will bring together international perspectives to address the motion that 'Construction is a Low Innovation Sector'. Following a brief introduction, invited speakers with extensive

experience from different countries will each have 5 minutes to provide their differing perspectives on this issue in order to stimulate debate, which will then be opened to the floor, and will culminate in a live vote.

The debate will be chaired and introduced by the joint co-ordinators of the new CIB Task Group 75 'Recognising Innovation in Construction', namely Carl Abbott (University of Salford) and Professor Andy Dainty (Loughborough University). The intention is that this debate will allow people to engage in the issue, influence the direction of the TG and get involved in the future work of the TG if they choose.

Thursday 13 May – Maximising Value for the Future

General Sessions

09.00 – 10.00 Opening plenary session

The built environment sector will be challenged by:

Ger Maas, Chair of the European Construction Technology Platform, on the topic of addressing the global economic crisis, whilst also achieving long term investments directed towards energy efficiency, client orientation and industry effectiveness.



The launch of the findings of the Smart-Eco project presented by Professor Christer Sjoström.



A provocation on "How do we compete against free information?" by Thomas Morszeck, Director of the Fraunhofer Institute, Stuttgart, Germany.



16.00 – 17.00 Closing plenary

The main messages from the Congress will be summarised.

Choice of Specialist Workshops

10.00 – 13.00 Sustaining the Construction Economy

In the wake of the international financial crisis and the ensuing global recession, the construction industry must prepare itself now to address the new economic reality and the sustainability imperative. There are two elements to the Workshop. Session 1: A scene-setting introduction, in which three provocative presentations will be delivered, followed by, Session 2: Scenario-based workshop, an interactive session, where four alternative global scenarios will be portrayed to consider how the construction sector might play out in the post-recession future.

14.00 – 15.30 The FM Industry's Response to the Economic Crisis

Facilities management, at a time of economic crisis, is often seen as a key source of efficiency and cost saving opportunities. However, the realisation of true, deep-seated savings, lies in the ability of 'space' to act as a transformative organisational proposition leveraging creativity and wellbeing. The workshop will be in two parts; Part I will comprise specialist presentations exploring the positive impact of space on Culture, Creativity and Well-being related to Work, Education and Healthcare. Part II will be a plenary round-table discussion.

11.30 – 13.00 Smart-ECO Workshop

The vision for sustainable smart ECO-buildings in the EU, outlines an ambitious direction of development for the time-frame 2010 to 2030. The vision is based on the state-of-the-art in international standardization as well as on recently conducted R&D projects. The main observations and results of the Smart-ECO project will be released and discussed at the Workshop. The findings will be presented by key actors active in the project, and the aim is an in-depth discussion on future directions of Sustainable and Smart ECO-buildings.

14.00- 15.30 UICB Seminar "How Do We Compete Against Free Information?"

The members of the UICB are leading building centres world-wide. This seminar will address the issue of competition between professional information and free information. It should be noted that "free" is used to define unfiltered, unedited and non-traceable information. Whether it is free of charge is a matter of business models. UICB members will present case studies from their countries and provide insight on how they tackle this issue. It is the goal of this seminar to provide each participant with diverse ways of dealing with free information and to form a unified stand against it.

14.00- 15.30 Developing the Manifesto for the Internationalisation of Built Environment Education

Internationalisation of built environment education is undoubtedly happening - but what is it and where does it lead? This workshop will explore and interrogate the meaning of internationalisation within built environment education to form a definition from a global perspective. The workshop format will include both a panel formed from invited guests and interested delegates and a public gallery. The debate will be facilitated 'in the round' and captured in real time using projection screens distributed throughout the room. The challenge for the panel and the audience will be to produce a roadmap to set out the direction and stages of future developments



Fees and Registration

Daily rates include buffet lunch, morning and afternoon tea / coffee, access to workshops and / or research paper sessions of your choice on that day and the evening social programme as indicated on 11 and 12 May. In addition all delegates will receive a conference bag that will include the printed Congress programme providing summaries of all of the specialist papers, plus a memory stick on which full papers will be provided and copies of reports being launched, etc.

Fees (including VAT)

- Tuesday 11 May – £200; Wednesday 12 May – £200; Thursday 13 May – £125
- All three days – £460 - £510
- Accompanying persons 11 or 12 May – £75 for social programme

Registration

To register attendance, either for individual days or all three (click [here](#)) where registration and payment can be completed on-line.

CPD

CPD certificates will be available for attendance at each day. Please let us know at registration if these are required.

Contacts for Queries

Technical queries - Dr Kaushal Keraminiyage - kaushal@cib2010.org.

All other queries - Professor Peter Barrett - peter@cib2010.org.