



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 2009

Forthcoming Meeting / CIB Co-Sponsored Event



Background

SB10 Finland is part of the series of Regional SB Conferences that will take place in 2010, and which, together with the World SB11 Conference in 2011, are organised under the auspices of CIB, iiSBE and UNEP.

Sustainable development is causing continuous and controlled social change that is taking place worldwide. Its ultimate objective is to secure the opportunities for a good life for present and future generations. The real estate and construction cluster plays a key role in promoting sustainable development objectives because its environmental impacts and significance to the national economy are of great importance. The proportion of natural energy consumption by buildings amounts to as much as 40 per cent. And where, and

how, communities are built affects consumption, environmental loading and social impacts.

Land use planning – the location of jobs, housing and services – has a major effect on the need for mobility and the environmental impacts of traffic. In turn, the standard of construction has a major impact on the use of energy during both the construction process and the lifetime of a building.

The Finnish Sustainable community programme encourages research institutes, universities and companies to engage in international collaboration by exchanging information and networking companies and research groups. The programme provides opportunities for ambitious R&D projects and develops business expertise and international cooperation. It

serves as a gateway to best researcher groups and innovative R&D companies. The Sustainable Community Conference aims to stimulate sustainable neighbourhood solutions with global optimisation and local design, differentiation and branding, active end-user involvement, paradigm shift and new business opportunities.

Sustainable Community Conference is one of the Sustainable Building (SB) Conferences in 2010.



Conference Themes

The Conference topics are grouped into six principal themes:

- Sustainability Assessment of Buildings and Cities Environmental, economic and social assessment emphasizing
 - the use of Building Information Models – buildingSMART
 - assessment methods and tools towards LCA based Carbon Footprint calculation
 - indicators and rating tools
 - case studies
- Managing Life Cycle Performance The focus is on facilities including immediate neighbourhood with the following priority areas
 - indoor environment
 - usability, adaptability, accessibility, safety and security
 - positive stimulation and value creation
 - benchmarking systems and schemes
- Sustainable Processes Life cycle processes in the built environment covering
 - sustainable renovation/retrofit/ refurbishment
 - sustainable business models, risk management
 - process models, new tasks and actor roles, integrated methods and tools
 - incentives, barriers; process innovation, systemic innovation
- Sustainable Solutions Products, services and product-services for

- passive houses, zero energy and energy positive buildings
- energy optimisation on a different scale and scope
- low energy solutions and the use of renewables; optimal match of energy demand and production
- components, systems and infra; product and service innovation
- Well-Being Quality of life aspects related with
 - sustainable lifestyles
 - sustainable architecture
 - user behaviour and social innovation
 - future trends and prospects
- Land Use Planning Location, mobility, traffic and guidance on Sustainable cities and towns, land use, traffic, infrastructure systems
 - new tools: collaborative planning, public participation, e/m-governance, soft GIS
 - urban-nature interaction, urban metabolism; densities and polynuclearity; functional segregation, mixed land use; technical and social infrastructure
 - accessibility, mobility and car dependence; public transport systems; traffic calming; emissions and noise reduction
 - education, legislation

Important Dates and Deadlines

Abstract submission begins on	October 2009
Deadline for abstracts	15 February 2010
Notification of abstract	15 March 2010
Deadline for full papers	30 April 2010
Notification of full papers	30 June 2010

Conference Venue

The conference venue is located in the Otaniemi campus area in the south east corner of Espoo, approximately 10 kilometers from Helsinki and 25 kilometers from the Helsinki airport. Address: Otakaari 24, 02150 Espoo, Finland



Dipoli is one of the premier prestigious venues in Finland for meetings, seminars, international

congresses and festive events. It is in a prime location, sharing in the diverse services on offer in the capital as well as the innovative atmosphere of the scientific community of Otaniemi.

Additional Information

For further information about the conference please visit the designated website at www.sb10.fi or contact

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