



August 2018

**CIB W104 Open Building Implementation
Invitation Call for Papers
CIB World Congress, 17-21 June 2019, Hong Kong**



Smart and interactive: Building a Sustainable Future in Asia

Architecture is part of any human civilization, and as such extends beyond the narrow confines of technology. Technology, just like soil or bricks is the one of the resources of civilization. The questions of how to use it and why to use it must be answered before any technological implementation. But for technology to be part of culture rather than dominate it, smart-thinking from a broader perspective is as important as smart- technology, if not more so.

Asia, with the largest population in the world and with rapidly growing economies, faces great challenges of growing demand for and lack of natural resources. The rapid urbanization and intensive culture juxtapositions in Asia bring both problems and opportunities for building a sustainable future in Asian cities. However, on the one hand, traditions of smart building in rich and diversified cultural backgrounds in developing countries have not been properly understood. On the other hand, developed economies such as Japan and Hong Kong encounter new questions – for example, how to remodel or reactivate existing building for the shrinking population and aging society.

It is in this context that Smart Thinking from all over the world is a welcome addition to the dialogue we expect in this session of the 20-year old world-wide network “CIB W104 Open Building Implementation”, structured around two basic ideas.

The issue of time. To ensure that buildings can endure, they must be adaptable enough to accommodate changes of uses, circumstances, and as many unforeseeable matters as possible, arising from an evolving culture during the building’s technical service period.

The issue of people. Real people stand beyond any statistics, functions or programs of use. If pluralism is the word characterizing the conceptions and behaviours of people today, no building can be satisfactory – or sustainable - without an interactive relation to ordinary people in everyday use. Collectively and individually, people look for opportunities to exercise control, that is, to change and adapt their environments in the organic, ongoing cultivation of built environment.

The following topics of papers and design projects are welcome, focused on the two key ideas above:

- Lessons and ideas of smartness (connecting technique and culture) in traditional settlements
- Balancing community and individual responsibility in the cultivation of buildings and neighbourhoods
- Environmentally responsive design of long lasting buildings
- Urban and/or public spaces as public infrastructure in high density cities
- Elderly care and elderly housing
- Conservation, reuse and adaptation of neighbourhoods and buildings
- Light weight, interactive and/or temporary buildings
- Theories and practice on 4D Architecture - Architecture in time
- Education in architecture and planning for a resilient and sustainable future



Call for Abstracts

You are invited to submit abstracts to the CIB World Congress in Hong Kong, June 2019, at <http://www.wbc2019.hk/abstract.php> under commission W104, latest **September 15, 2018**.

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For information and contact of general CIB Congress 2019 Hong Kong check the website of the WBC19, <http://www.wbc2019.hk/> or email to: cib.wbc2019@polyu.edu.hk

Information

More information about the CIB Commission W104 – Open Building Implementation is to be found [here](#).

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