

Minutes of Annual Meeting and Session 2010

CIB W101 “Spatial Planning and Infrastructure Development”

The annual meeting and session of CIB W101 were held on 12 May, 2010, 10:00 - 13:00, at Studio 2, the Lowry in Salford Quays, UK, as a part of the CIB World Building Congress 2010. Professor Asami as coordinator, Dr. Akashi as secretary and twenty eight participants were presented including members and other presenters. Another coordinator Mr. Brown was not able to attend but delegated to Prof. Asami.

Six registered papers for the session were reviewed by the W101 review panel consisted by Professor M. Hebbert of University of Manchester, UK, Professor N. Nakai of Tokyo Institute of Technology, Japan, Associate Professor Andre Sorensen of University of Toronto, Canada, and Associate Professor C. K. Law of University of Hong Kong, China.

1. Keynote Speech

Firstly, keynote speech entitled “Urban Regeneration in Greater Manchester” was given by Professor Michael Hebbert, the University of Manchester, School of Environment and Development. Speech suggested that the history of urban development in Manchester is divided into four stages: (1) late eighteenth century to early twentieth century as the first stage when industrial revolution formed modern infrastructures and building stocks in the middle of the city which are still on active after several times conversion, (2) postwar period when decentralization, low density redevelopment, continuous green space, automobile- oriented design and cellular neighborhood design were promoted, (3) the urban renaissance age from late 1990s when reinvestment for regeneration of employment went back to the city centre including the millennium task force, and (4) from now on the city is going into the fourth stage based on the partnership of 10 boroughs that signed March 2010.

2. Session

After some questions and answers, the session with six presenters was started.

Raymond Wong, City University of Hong Kong, presented “Upgrading the City Quality of Shanghai Making Use of the 2010 World Expo Opportunity”, which introduced that Shanghai government is making use of the Expo opportunity to overall upgrading the urban and environmental quality of the city with huge revitalization projects such as removal of aged factories and shipyard facilities and construction of more than 40 kilometers new metro lines.

Tatsuo Akashi, NILIM of Japan, presented “Effects of Double Tracked Planning Approach for Urban Regeneration –Structural Reforming and Functional Renovation-“, which verified the achievements of the two different planning strategies applied in Greater Tokyo Metropolitan Region since 1986 and suggested that combination of remarkable railway expansion with dispersing redevelopment policy was the key factor of achieving both goals simultaneously.

Morton Gjerde from New Zealand, Victoria University of Wellington, presented “Visual Aesthetic Perception and Judgment of Urban Streetscapes”, which proposed a tool to help designers and development control authorities on judgment of streetscape design based on data from 200 survey

responses.

After coffee break, D.F J. Schraven from Netherland, University of Twente, presented “Trade-offs in Infrastructure Investment Decisions between Financial and Public Interests”, which addressed a conceptual framework to better understand how these interests can be combined in terms of infrastructure investment decisions for asset managers.

Yasushi Asami, the University of Tokyo, presented “City Planning Theory: Incentive Compatible Planning System”, which advocates new system making methodology on spatial planning which address the coherence between stakeholders’ incentives and social goals so that even “selfish” players in a city are motivated to act in socially benefitting way.

Kai Chen Goh from Brisbane, Queensland University of Technology, Australia, presented “Responding to Sustainability Challenge and Cost Implications in Highway Construction Projects”, which identifies and categorize sustainability cost elements for highway projects such as environmental and social elements for establishing new LCCA model.

Questions and answers were vitally exchanged on each presentation. Other than above, “Demands and Feasibilities of Infill Development in Iranian Urban Areas- the Case Study of Tehran” by Mahta Mir Moghtadaee, Building and Housing Research Centre of Iran, was submitted but he was unable to attend.

3. Annual Meeting

Annual business meeting of the working commission was held after the session. Professor Asami chaired as coordinator, and the agenda were followings; 1) Next focusing issues, 2) Revision of objectives/scope and work program, 3) Next meeting schedule, 4) Other issues.

Tatsuo Akashi, secretary of the working commission, proposed next focusing issues such as 1) Cities and Built Environment for Social Inclusion, 2) Theoretical Approach for Planning and Development, 3) Spatial Survey and Assessment for Sustainable Development. Professor Alex K. Abiko, University of Sao Paulo, suggested that the subject such as informal city should be needed because this is particularly important to members of CIB and researchers coming from developing countries. Therefore, 4) Informal Cities was included.

Revision draft of new objectives/scope and work program were also proposed by Akashi. After short discussion, they were endorsed as separate sheets, including additional description relates to the subject of Informal Cities.

On agenda of other issues, change of coordinator was raised by Yasushi Asami on account of his business reason in the university. He explained that Stephen Brown, another co-coordinator but unable to attend, consented the proposal in advance. No attendee opposed, but it was decided that these issues including revised objectives/scope and work program should be endorsed after informing and asking opinion to other registered members of the working commission by email.

Time and place of next annual meeting was decided as it will be held in Perth, Australia, in conjunction with COBRA Conference in September 2011.

Date: May 28, 2010

Tatsuo Akashi as Secretary of W101

Resolution of W101 Annual Meeting 2010

1. New Focusing Issues

- 1) Cities and Built Environment for Social Inclusion
- 2) Informal Cities
- 3) Theoretical Approach for Planning and Development
- 4) Spatial Survey and Assessment for Sustainable Development

2. New Objectives/Scope

The overall objective of this working commission is to find common methodologies and effective solutions on any issues relate to spatial planning and infrastructure development through international discussion by planning experts.

3. New Work Program

1) *Cities and Built Environment for Social Inclusion*

Cities in 21st century should be post-automobile dependent. It is required not only for warming gas reduction but also not to exclude mobility and accessibility of residents of all ages or without car. This issue may involves such as transport oriented development, multi-means of transport, compact city, universal design on planning, town centre revitalization and new urbanism.

2) *Informal Cities*

Urban area often includes informal parts such as informal settlement and rapid urban growth tends to generate informal developments. Problems are hard to solve because they are not legal. How to integrate the informal city to the formal one? Or how does it need to address informal area to improve the situation? This issue may involve such as slum issues, illegal small developments, spatial and social management in unregulated areas and so forth.

3) *Theoretical Approach for Planning and Development*

Urban environment is formed and transformed by activities of a lot of players and stakeholders. This is the unique characteristic of urban planning which is different from machines and buildings. That is why planning needs legal, social and economical system based on practical theories. This issue may include such as application of optimization theory, dynamic programming theory, game theory, incentive compatible theory for planning.

4) *Spatial Survey and Assessment for Sustainable Development*

GIS technology has been rapidly progressed and much more applied to planning practice in many cities in the world. Also, planning decision will be required much more scientific grounds. There must be a possibility to develop international technical standards in some part of the land survey, analysis and assessment. This issue may include land use transportation model, land suitability assessment, categorizing land uses and so on.

4. Change of Coordinator

One of the co-coordinators Professor Yasushi Asami will resign and Dr. Tatsuo Akashi, who is now in position of secretary, should succeed. Another co-coordinator Mr. Stephen Brown should be reappointed.

5. Next Annual Meeting

Annual meeting in 2011 will be held in Perth, Australia in September 2011, in conjunction with COBRA Conference.