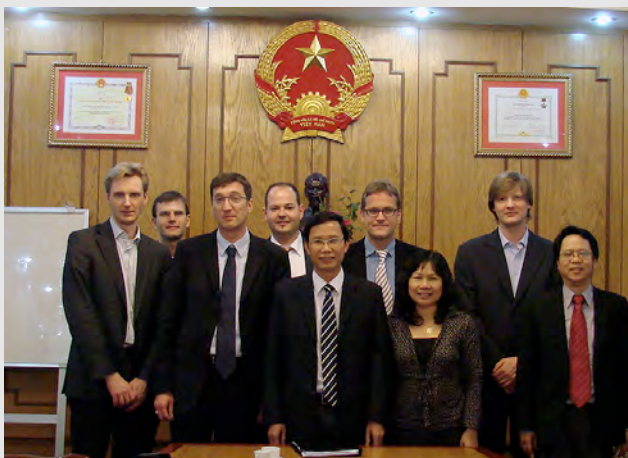


Megacity Research Project TP Ho Chi Minh Integrative Urban and Environmental Planning Framework Adaptation to Climate Change

**Roundtable at the Urban Development Agency (UDA)/ Ministry of
Construction (MoC)**

“Urban Planning and Urban Design Guidelines and Adaptation to Climate Change: Towards the Implementation of a Popular Design Catalogue for Green Architecture and Energy-Efficient Buildings”



Roundtable

**March 24, 2010
Hanoi, Vietnam**

Outcome

Roundtable at the Urban Development Agency (UDA)/ Ministry of Construction (MoC)

“Urban Planning and Urban Design Guidelines and Adaptation to Climate Change: Towards the Implementation of a Popular Design Catalogue for Green Architecture and Energy-Efficient Buildings”

Wednesday March 24, 2010, 2pm – 4pm
UDA Meeting room 230
37 Le Dai Hanh, Hai Ba Trung
Hanoi, Vietnam

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Outline

The Planning Roundtable was jointly organised by the Urban Development Agency (UDA) and the HCMC Megacity Research Project. The focus of the roundtable was to exchange research results on climate change adaptation strategies from the Megacity Research Project TP. Ho Chi Minh and the Urban Development Agency within the Ministry of Construction and to discuss approaches of urban planning and urban design guidelines regarding climate change adaptation and the development of a popular Design Catalogue for energy-efficient and climate adapted housing.

The roundtable was attended by over 30 participants and included representatives of the Urban Development Agency (UDA), the Vietnam Institute of Architecture, Urban and Rural Planning (VIAP), the Urban Infrastructure Agency, the Institute for Technology Science (MOC) and the Ha Noi Architecture University. The discussion focused on the topics of adaptation strategies and guidelines to climate change for urban design and urban planning and the development of a design catalogue for the residential building stock in HCMC.

The following meeting with the Deputy Minister, Mr. Nguyen Dinh Toan highlighted the need for applied research in Ho Chi Minh City and the chance to scale up practical solutions for other cities in Vietnam. It was emphasised to test the model of a design catalogue with a pilot design to better communicate standards with the public and private sector.



Programme and Participants

“Climate Change Adapted Urban Planning and Design Guidelines at the Neighbourhood Level” (Prof. Frank Schwartz)

“Promoting Energy-Efficient and Climate Adapted Housing – The Concept of a Policy and Design Catalogue” (Dr. Michael Waibel, Dr. Dirk Schwede, Christoph Hesse)

“MoC/ UDA activities on climate adaptation and role of the new urban planning law and how to get guidelines into a stage of implementation: First Reflections for a procedure within the existing legislative framework” (Dr. Tran Thi Lan Anh)

- Dr. Do Tu Lan (Vice Director of Urban Development Agency, MoC)
- Dr. Tran Thi Lan Anh (Urban Development Management Division, MoC)
- Ms. Nguyen Thi Bac Thai (Urban Development Agency, MoC)
- Ms. Nguyen Kim Cuc (Urban Development Agency, MoC)
- Ph.D. Le Thi Bich Thuan (Vietnam Institute of Architecture, Urban and Rural Planning VIAP)
- Ph.D. Nguyen Van Muon (Hanoi Architectural University)
- Ms Nguyen Anh Tuan Hien (MoC, Housing Bureau)
- Ms Ngo To Nhien (Ministry of Science and Technology)
- Prof. (ehem.) Volker Martin
- Thomas B. Kraubitz (Architect and Urban Designer)

HCMC Megacity Research Project

- Prof. Frank Schwartz (Vice-Director of Megacity Project HCMC, Brandenburg University of Technology BTU Cottbus)
- Dr. Michael Waibel (University of Hamburg)
- Dr. Dirk Schwede (energydesign, Asia Co. Ltd.)
- Christoph Hesse (University of Technology Darmstadt)
- Ronald Eckert (University of Technology, Cottbus)
- Ralf Kersten (University of Technology, Cottbus)

Outcome

General

- Exchange of research results on climate change adaptation strategies between the Megacity Research Project TP. Ho Chi Minh and the Urban Development Agency
- Knowledge exchange on practical implementation measure

Presentations

Urban Planning and Design Guidelines

- Guidelines for urban planning and urban design in relation to urban form, building density, construction principles, open and green spaces, flood protection, technical infrastructure, mobility
- Guidelines can be implemented through Planning laws/ codes and standards (top-down approach) and planning studies as exemplary showcases and tools (bottom-up approach)
- The applicability of guidelines should be demonstrated through exemplary Planning Studies or Prototypes

Concept of a Policy and Design Catalogue

- Lack of awareness concerning climate change and energy-efficient construction, especially among growing middle-class population
- Presentation of design solutions for energy, ventilation, water, fresh air, waste, urban agriculture, height, function and space composition of the shophouse typology
- Presentation of energy efficient housing strategies: orientation and zoned conditioning (controlled ventilation), sun protection in facades and roofs, air tightness, efficient room conditioning systems, solar hot water generation, setting of energy targets, development of legislation

Discussion

Urban Planning Guidelines

- Discussion on approaches of urban planning and urban design guidelines regarding climate change adaptation

- Need for review of national guidelines to integrate climate change issues
- Need on different spatial levels: Regional Plan, Master Plan, Zoning Plan, Detailed Plan

Design Catalogue

- Agreement on the development of a popular Design Catalogue for energy-efficient and climate adapted housing
- Catalogue will present traditional as well as high technologies
- A pilot should test the model of a design catalogue to communicate standards with the public and private sector

Further Steps

- There is a need for applied research in Ho Chi Minh City and scale up of practical solutions for other cities in Vietnam
- Further cooperation in practical implementation measures
- The next planned roundtable in 2010 at the Ministry of Construction will discuss research results with experts and scientists from Departments and Agencies of the Ministry of Construction to further encourage a knowledge exchange on practical implementation measures.

Contact

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