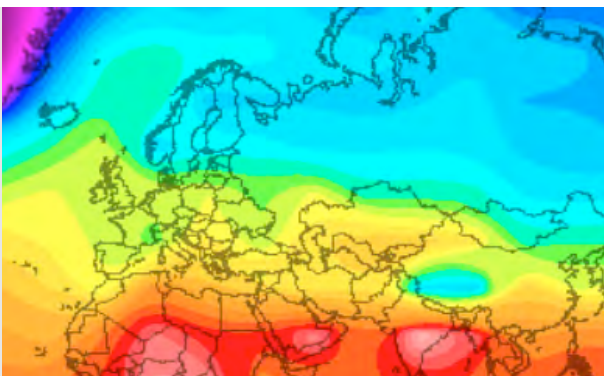


**Megacity Research Project TP Ho Chi Minh  
Integrative Urban and Environmental Planning Framework  
Adaptation to Climate Change**

**Roundtable at the Department of Science, Technology and Environment  
(DSTE)/ Ministry of Construction (MoC)**

“Adaptation to Climate Change and Energy Efficiency in Buildings”



**Roundtable**

**January 21, 2010  
Hanoi, Vietnam**

**Outcome**

## **Roundtable at the Department of Science, Technology and Environment (DSTE)/ Ministry of Construction (MoC),**

**“Adaptation to Climate Change and Energy Efficiency in Buildings”**

**Wednesday January 21, 2010, 8pm – 12pm**

**Meeting Room - Academy of Managers for Construction and Cities**

**10 Nguyen Trai Road, Thanh Xuan District**

**Hanoi, Vietnam**

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<b>Outcome</b>	<b>3</b>
<b>Programme and Participants</b>	<b>4</b>

## Outline

The roundtable was based on the cooperation between the Megacity Research Project and the Ministry of Construction and was hosted by the Department of Science, Technology and Environment in Hanoi. The aim was to support Vietnam's development towards enhanced energy-efficient urban structures and focused on the building level.

The roundtable was attended by 60 participants and included speakers from the Department of Science Technology and Environment, the Vietnam Urban, Rural Architecture and Planning Institute, the Vietnam Green Building Council, the Ho Chi Minh City Energy Conservation Centre, Energydesign Shanghai, the University of Hamburg, and the BTU Cottbus.

Topics included: "Adaptation strategies and guidelines to climate change for urban design and planning", "The behavioural dimension of energy efficient housing in Vietnam", "Energy consumption assessment" and "Climate appropriate solutions for low-CO2 developments of the residential building stock in HCMC".

A series of roundtables is planned in 2010 and 2011 and is intended to promote further scientific exchange and cooperation between the Vietnamese and German partners.



## Outcome

- Exchange of research results on climate change adaptation strategies in urban planning and urban design between the Megacity Research Project TP. Ho Chi Minh and the Department of Science, Technology and Environment (DSTE)/ Ministry of Construction (MoC)
- Discussion of the and adaptation strategies and guidelines to climate change for urban design and planning, the behavioural dimension of energy efficient housing in Vietnam and climate appropriate solutions for low-CO2 developments of the residential building stock
- Highlighted need for further integration of climate change guidelines into the existing legal framework

## Programme and Participants

<i>Time</i>	<i>Subject</i>	<i>Presentator</i>
8h00 - 8h15	Welcome participants	MOC
8h15 - 8h25	Workshop Opening	Dr. Nguyen Trung Hoa - Director General of Dept. of Scienc Technology and Enviroment - MOC
8h25 - 8h45	An intergrative Urban and Environmental Planning framework for Adaptation to Global limate change	Prof. Frank Schwartze (Technical University of Cottbus, German)
8h45 - 9h00	Vietnam urban development for Adaptation to climate change	Dr. Do Tu Lan - Vice Director - Urban Development Agency
9h00 - 9h20	Adaptation to climate change - Strategies and Guidelines for Urban Design and Planning	Architect. Ralph Kersten (Technical University of Cottbus, German)
9h20 - 9h30	Green building Solutions in Vietnam	Dr. Le Thi Bich Thuan - Vice Director of Urban, Rural Architecture and Planning Institute
9h30 - 9h50	Towards a Sustainable and Climate change adaptive built environment in Vietnam.	Mr. Yannick Millet - Executive Manager of Vietnam Green Building Council
9h50-10h00	Some main content of Building Code - Energy Efficiency in Buildings - Revision and amendments.	Dr. Nguyen Van Muon – Vietnam Construction Environment Association.
10h00-10h15	Tea break	All Participants
10h15-10h30	Energy consumption Assessment and Energy conservation solutions in buildings in Hanoi, Vietnam	Msc. Dao Hong Thai - Director of Hanoi Energy Conservation Center
10h30-10h50	The Behavioral Dimension of Energy Efficient housing in Vietnam and Challenges of Policy Development	Dr. Michael Waibel (University of Hamburg, German)
10h50-11h00	Energy consumption Assessment and Energy conservation solutions in buildings in HCMC, Vietnam	Huỳnh Kim Tuoc - Director of HCMC Energy Conservation Center
11h00-11h20	Climate and Market Appropriate Solutions for low-CO2. Development of HCMC's Residential Building Stock	Dr. Dirk A Schwede - Energydesign Stuttgart - Ingenieurgesellschaft mbH, energydesign (Shanghai) Co.Ltd
11h20-11h55	Discussion	Dr. Nguyen Trung Hoa
11h55-12h00	Workshop Closing	Dr. Nguyen Trung Hoa

### Ministry of Construction (MoC):

- Dr. Do Tu Lan (Vice Director of Urban Development Agency, MoC)

and approx. 40 other members of other departments and agencies

### HCMC Megacity Research Project:

- Prof. Frank Schwartze (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.)
- Ralf Kersten (University of Technology, Cottbus)

### Contact

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