

**International Symposium on
“From Visioning To Implementation of Low-Carbon Transport in Asia”;
The Environment Research and Technology Development Fund S6-5, Japan**

In Asian developing countries, rapid economic growth will cause drastic emission growth, which will become significant part of future global emissions. This symposium is aimed at discussing how to design long-term measures to develop low-carbon transport systems in Asia in a leap-frog manner and in a backcasting way, decoupling economic growth with CO2 emission increase. For the discussion, we invite international experts on low-carbon development of urban transport and inter-regional transport. The symposium is sponsored by the “Low-Carbon Asia” research project, funded by Ministry of the Environment, Japan, as the Environment Research and Technology Development Fund (S6). We have sessions to discuss the outcome of the project on the transport part, “Low-Carbon Transport in Asia” (S6-5). On the 2nd day, we also have a collaborative symposium with our partners working on low-carbon development of various sectors in the “Low-Carbon Asia” project (S6).

Registration:

- Please email your name, affiliation, and dates of your attendance to
“s65sympo@urban.env.nagoya-u.ac.jp”.

Organizers:

- Environment Research and Technology Development Fund (S6-5);
Ministry of the Environment, Japan (MOEJ),
- Graduate School of Environmental Studies, Nagoya University,

Co-Organizer:

- National Institute for Environmental Studies, Japan (NIES)

Language:

- English

Contact:

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(Hayashi and Kato Laboratory, Graduate School of Environmental Studies, Nagoya University,
Japan)

Programme (tentative)

16 October 2013 (Wednesday)

Place: CST Hall, Nihon University (1-8-14 Kanda-Surugadai, Chiyoda-ku, Tokyo, Japan)

10:00 – 10:20	Registration
10:20 - 10:30	Welcome Address: Prof. Yoshitsugu Hayashi, Nagoya University, Japan
Session1-1 : Visioning Low-Carbon Urban Transport Systems in Asia	
10:30-11:00	Keynote Address: Prof. Wiroj Rujopakarn, Kasetart University Thailand “Pathway of Transport System Development in Bangkok”
11:00-12:00	Presentation and Discussion: Prof. Yoshitsugu Hayashi, Nagoya University, Japan “Signs of Leapfrog to Reverse Transport Visions Towards Low Carbon Asia” Dr. Kazuki Nakamura, Nagoya University, Japan “Strategic Visions and Roadmaps towards Low-Carbon Transport Systems in Asian Megacities” Prof. Fumihiko Nakamura, Yokohama National University, Japan “Local Visions and Management of Low-Carbon Urban Transport Systems in Asia”
12:00 - 13:00	Lunch
Session1-2: Case Studies of Low-Carbon Urban Transport Development in Asia	
13:00 - 13:30	Keynote Address: Dr. Sittha Jaensirisak, Ubon Ratchathani University, Thailand “Designing low carbon transport system for Thailand”
13:30 - 14:00	Keynote Address: Dr. Varameth Vichiensan, Kasetsart University, Thailand “Integrated Land-use Transport Development in Thailand”
14:00 - 15:30	Presentation and Discussion: Prof. Atsushi Fukuda, Nihon University, Japan “Visions and Roadmaps of Low-Carbon Transport Development in Growing Local Cities in Asia” Dr. Paramet Luathep, Prince of Songkla University, Thailand “Trend of CO2 Emissions from Vehicle Usage in Local Cities in Thailand” Dr. Thaned Satiennam, KhonKaen University, Thailand “Short-term Implementation Transportation Projects for CO2 Emission Reduction in Khon Kaen City” Dr. Nuwong Chollacoop, National Metal and Material Technology Centre, Thailand “Contributions of Bio-fuel Usage to Low-carbon Urban Transport Development in Thailand”
15:30 - 15:50	Coffee Break

Session1-3: Low-Carbon Development of Inter-Regional Transport Systems in Asia	
15:50 - 16:20	Keynote Address: Prof. Werner Rothengatter, Karlsruhe Institute of Technology, Germany “Competition between Air Transport and Rail Transport”
16:20 - 17:20	Presentation and Discussion: Dr. Poon Thiengburanatham, Chiang-Mai University, Thailand “Trends of Inter-Regional Freight Transport Development in Asia: Low-Carbon Perspectives” Dr. Shinya Hanaoka, Tokyo Institute of Technology, Japan “Challenges and Visions of Low-Carbon Inter-Regional Transport Development in Asia” Prof. Takaaki Okuda, Nanzan University, Japan “Necessary Inter-Regional Transport Development for Low-Carbon Transport in Asia”
17:20 - 17:30	Closing Remarks

17 October 2013 (Thursday)

Place: U Thant International Conference Hall, United Nations University

(5-53-70 Jingumae, Shibuya-ku, Tokyo, Japan)

09:30 – 09:40	Welcome Address: Prof. Yoshitsugu Hayashi, Nagoya University, Japan
Session2: Comparison of Low-Carbon Transport Development between ASEAN and China	
09:40 - 10:00	Opening Session: Prof. Atsushi Fukuda, Nihon University, Japan “Visions and Roadmaps of Low-Carbon Transport Development in ASEAN”
10:00 - 10:30	Keynote Address: Prof. Pan Xiao, Tonji University, China “Low-Carbon Transport Strategies and Policies in China”
10:30 - 11:00	Keynote Address: Prof. Tae Oum, The University of British Columbia, Vancouver, Canada “Trends of Air Passenger Transport Development in Asia”
11:00 - 11:30	Keynote Address: Mr. Cornie Huizenga, SLoCaT, Shanghai, China “Incentives to Implement Low-Carbon Transport Policies in Asia”
11:30 - 12:00	Panel Discussion: Chair: Prof. Yoshitsugu Hayashi, Nagoya University, Japan
12:00 – 13:00	Lunch
13:00 - 17:00	Symposium on “Low-Carbon Asia” (S6)