

Japan-France Symposium Transportation Challenges for a Low Carbon Society
(日仏シンポジウム 低炭素社会の実現に向けた交通分野の挑戦)

主催：京都大学低炭素都市圏政策ユニット
京都大学大学院経営管理研究部
French Institute of Science and Technology for
Transport, Development and Networks
共催：京都大学工学研究科都市社会工学専攻
京都大学工学研究科社会基盤工学専攻

本シンポジウムは低炭素社会の実現に向けた交通分野の制度面，技術面，学術面の諸課題を包括的に議論し，日仏両国の共通点・相違点に目を向けつつ，将来に向けてのロードマップを模索することを目的としております．具体的には，(1)低炭素政策・制度の動向，(2)地方自治体の取り組みに関する報告，(3)交通システムのコーディネーションに関する研究動向，(4)交通事業者を取り巻く環境の変化と新たな取り組みのセッションを予定しております．また，最後に2日間の議論を総括し，低炭素社会の実現に向けた交通分野における課題ならびに方向性を模索するためのパネルディスカッションを予定しております．本テーマにご関心をお持ちの方々の多数のご参加をお待ちしております．

開催日時： 2012年12月6日(木) 9:30~17:40(予定)
12月7日(金) 9:30~12:10(予定)

場所： 京都大学医学部創立百周年記念施設 芝蘭会館 稲盛ホール
京都市左京区吉田近衛町 (地図は以下 URL 参照)
<http://www.med.kyoto-u.ac.jp/siran/kotsu.htm>

参加費用： 無料
懇親会(12月6日夕刻，会場併設のレストラン「しらん」にて立食形式)にご参加の場合は，会費(7,000円程度)を頂戴いたします．

プログラム： 次ページ以降の英語のプログラムをご覧ください．

使用言語： 英語

お申し込み：

本シンポジウムへの参加を御希望の方は，ご氏名，ご所属，ご連絡先を明記の上，本件担当の奥村 (e-mail：lc@trans.kuciv.kyoto-u.ac.jp，電話：075-383-7490) 宛，11月28日(水)までに電子メールにてお申し込みください。 また，懇親会に参加を希望される方は，上記メールにその旨お書き添えいただけますと幸いです。

Program

Day 1 (December 6)

9:30 - 9:55

Opening remarks

Prof. Yoshihiro Tokuga (Dean of Graduate School of Management, Kyoto Univ., Japan)

Outline of Urban Policy Unit for Low Carbon Society

Prof. Eiichi Taniguchi (Professor, Graduate School of Engineering, Kyoto University, Japan)

Brief Introduction to the Symposium

Prof. Nobuhiro Uno (Assoc. Prof., Graduate School of Management, Kyoto Univ., Japan)

Session 1 Political Issues and Instruments in the field of Transportation

9:55 - 11:25

Japan's Policies for Carbon Reduction in the Transport Sector

Mr. Satoru Mizushima (Director, Transport Planning Division, Public Transport Department, Policy Bureau, Ministry of Land, Infrastructure, Transport and Tourism, Japan)

Intelligent Multimodal Mobility in France

Mr. Jean-François Janin (French DoT, France)

Possibilities and Challenges of Emissions Trading Scheme in Transport Sector

Mr. Izumi Inasawa (Ph.D. Candidate, Global Environmental Studies, Kyoto University, Japan)

Information about CO₂ Emissions from Transport Services, The French Experience

Mr. Eric Louette (France DoT, France)

Session 2 Local Experiments and Initiatives to Build Low Carbon Society

11:25 - 12:30

Optimizing the Location of Activities as a Means towards a Low Carbon City, A Point of View of Local Authorities

Ms. Diana Diaizin (Greater Lyon Authority, France)

Transportation Management of Kyoto City ~ Policies, Implementations and Prospects for "Kyoto, a town for walking"

Prof. Hiroshi Tsukaguchi (Professor, Ritsumeikan University, Japan)

Bordeaux and Sustainable ITS

Mr. Andre Reix (City of Bordeaux, France)

12:30 – 13:50 **Lunch Break**

Session 3-1 Trend of Researches for Coordinating Transportation System (1)

13:50 – 15:30

Development and Implementation of Smartphone-based Travel Survey Method in Kumamoto, Japan - Toward Travelers' Behavioral Change for Low Carbon Society

Prof. Maruyama (Assoc. Prof., Kumamoto Univ., Japan)

Behavioral Analysis for Toll Adjustment of Expressway Based on Probe-Person Survey

Prof. Nobuhiro Uno (Assoc. Prof., Graduate School of Management, Kyoto Univ., Japan)

New trends in Railway Operations: Multi-Objective Optimization for Railway Traffic Management

Dr. Remy Chevrier (IFSTTAR, France)

Why One Takes Lunch at Lunch time?

Prof. Kiyoshi Kobayashi (Professor, Graduate School of Management, Kyoto Univ., Japan)

Disaster Prevention Plan in Low Carbon Society

Mr. Junji Urata and Prof. Eiji Hato (The University of Tokyo, Japan)

15:30 – 16:00 Coffee Break

Session 3-2 Trend of Researches for Coordinating Transportation System (2)

16:00 – 17:40

Guidelines for Assessing the Effect of ITS on CO2 Emissions - Energy ITS Project 2008-2012 -

Prof. Masao Kuwahara (Professor, Graduate School of Information Sciences, Tohoku Univ., Japan)

Diversifying Satellite Technologies for Land Transportation in the Future

Mr. Fabien Couly (CETE Sud -Ouest, France)

Road Pricing and Lane Division for Congestion Management on a Highway

Prof. Se-il Mun (Professor, Kyoto University, Japan)

Challenges for Network Management under Environmental Constraints for Sustainable City

Dr. Nour-Eddin EL FAOUZI (IFSTTAR, France)

Endogenous Formation of Urban Structure by Residential Sorting Mechanism

Prof. Kakuya Matsushima (Assoc. Prof., Graduate School of Engineering, Kyoto Univ., Japan)

18:00 – 20:00 Reception

Day 2 (December 7)

Session 4 Environmental Change for Transportation Sectors and Their Challenges

9:30 – 10:30

“PiTaPa” Postpay Smartcard Service

Mr. Tomonori Yokoe (President, Surutto KANSAI Co.,Ltd., Japan)

Sustained Evolution of Tokaido Shinkansen

Mr. Masaaki Hasegawa (Group Leader, Technology Research and Development Department Planning Group, General Technology Division, Central Japan Railway Company, Japan)

10:30 – 10:45 **Break**

Session 5 Panel Discussion

10:45 – 12:00

The session aims at providing a synthesis of the symposium and evaluating the possibility of a roadmap for research cooperation towards deployment with mutual benefits;

Assessing:

- Cultural differences and similarities with a focus on the latter ones
- Taking lessons from similar objectives but at a different level of existing deployment in both countries
- Evaluating the possibility of collaborative PHD topics and procedures between organizations

Moderator: Dr. Jean-Luc Ygnace (IFSTTAR, France)

Panelists:

Prof. Kiyoshi Kobayashi (Kyoto University, Japan)

Mr. Jean-François Janin (French DoT, France)

12:00- 12:10

Closing remarks

Mr. Patrick Mallejacq(Chief Engineer, head of international affairs department, IFSTTAR, France)
