



ORGANISATION DE
COOPÉRATION ET
DE DÉVELOPPEMENT
ÉCONOMIQUES



2010 ITF-KOTI Joint Seminar on Green Growth in Transportation

AGENDA

November 25, 2010

OECD Conference Centre (CC16),
Paris, France

The 2010 ITF OECD/KOTI Joint Seminar is designed to address the issue of green growth in transportation. Green growth is a rather newly developed concept and it can be regarded as a strategy to decouple the inverse linkage between economic growth and environmental preservation. The Korean Government recently set up 'Low Carbon Green Growth' as a new vision to guide the nation's long term development and the OECD is also developing its own green growth strategy under the mandate of its 2009 ministerial.

This joint seminar will address the issue of green growth in transport from broader perspectives. Green growth requires not only identifying cleaner sources of growth but also establishing proper framework or incentive structure for fostering new green industries and jobs while minimizing undesirable social costs. Technological options and their potential to contribute to green growth will be discussed. Perspectives on the roles of the transport related industries as well as the government will also be explored. Speakers and discussants of this joint seminar will include KOTI staffs, ITF and other OECD staffs as well as invited outside scholars.

The transport sector is especially dependent on fossil fuels for its energy source and the sector is increasingly responsible for the greenhouse gas emissions especially in developing countries. Green growth in transport thus could provide both developed and developing countries with significant insight toward reconciliation between economic growth and environmental integrity in one of the most energy consuming and the most difficult sector to curtail greenhouse gas emissions.

The output of this conference will be channeled into the next 2011 Leipzig Forum whose main theme is 'Transport and Society' as an input. The assorted papers from the conference could be published in the form of a book or proceedings by an outside publisher or either OECD or KOTI as a policy guideline for decision makers.

10:00 a.m. **OPENING SESSION (OECD Conference Center)**

Opening Remarks by *Jack SHORT*, Secretary General, ITF OECD

Welcoming Remarks by *Kee Yeon HWANG*, President, Korea Transport Institute

Practical Information by *Sungwon LEE*, Senior Research Fellow, ITF OECD

SESSION I: A NEW CONCEPT FOR SUSTAINABLE TRANSPORT

Chair: Kee Yeon HWANG, President, Korea Transport Institute

10:15am ***Paper 1. OECD's Green Growth Strategy***

(i) The Concept of Green Growth

(ii) OECD's Green Growth Strategy

Presented by Ms. Nathalie GIROUARD, OECD

10:30am ***Paper 2. Green Growth and Innovation towards Sustainable Transport***

(i) Transport Sector and Sustainable Impact

(ii) Innovation towards Sustainable Mobility: Systematic Considerations

Presented by Mr. Tomoo MACHIBA, OECD

10:45am ***Paper 3. Innovation of Transport Systems for Green Growth***

(i) 3 Dimensional Transport Networks Based on IT Convergence

(ii) Sustainable Transport System based on Smart Grid

(iii) Societal and Technical Changes for Innovation of Transport Systems

Presented by Dr. Youn-Soo KANG (KOTI)

11:00am **Discussion**

11:30am **Coffee break**

SESSION II: GREEN GROWTH, TRANSPORT AND SOCIETY

Chair: Jack SHORT, Secretary General, ITF OECD

- 11:50am **Paper 4. *Electric Vehicles: A Tentative Economic and Environmental Evaluation***
- (i) Economic Aspects of Electric Vehicle Introduction
 - (ii) Environmental Impacts
 - (iii) Societal Impacts
- Presented by Prof. Rémy PRUD'HOMME (Université de Paris 12)*
- 12:05pm **Paper 5. *The Future of Alternative Fuel Vehicles***
- (i) Technology Prospects for Alternative Fuel Vehicles
 - (ii) Economic Feasibilities
- Presented by Dr. Lewis FULTON (IEA)*
- 12:20pm **Discussion**
- 12:50pm **Lunch** “Restaurant des Nations” (*OECD Conference Centre*)
- 2:15pm **Paper 6. *Promoting Future Sustainable Urban Transport for Green Growth***
- (i) Concept and Definition of Future Sustainable Transport and Livable Cities
 - (ii) Prediction of Future Transport and Urban Change
 - (iii) Sustainable Transport Modes and Systems for Future Cities
- Presented by Dr. Hyunkon SUNG (KOTI)*
- 2:30pm **Paper 7. *An Innovative Traffic Demand Management Strategy***
- (i) Expressway Reservation System
 - (ii) Viability for the Reservation System
 - (iii) Effects of the Reservation System
- Presented by Dr. Youngho KIM (KOTI)*
- 2.45pm **Discussion**
- 3:05pm **Coffee break**

- 3:25pm **Paper 8. *What Does Improved Fuel Economy Cost Consumers and Taxpayers? Some Illustrations***
- (i) The Erosion of the Fuel Tax Base
 - (ii) User and Taxpayer's Costs of Better Fuel Economy
 - (iii) Kilometer Taxes?
- Presented by* Dr. Kurt VAN DENDER *and* Mr. Philippe CRIST, ITF OECD
- 3.40pm **Discussion**
- 4.00pm **Concluding Panel**
- Lead Discussants:**
- Dr. Hee-Chul SHIN (KOTI)
 - Prof. Rémy PRUD'HOMME (Université de Paris 12)
 - Dr. Sungwon LEE (ITF)
- and all participants
- 4:50pm **Closing Remarks**
- Jack SHORT, Secretary General, ITF OECD
 - Kee Yeon HWANG, President, Korea Transport Institute
- 5:00pm **End of Joint Seminar**