



FORUM 2009 • 26-29 May • Leipzig

TRANSPORT FOR A GLOBAL ECONOMY

*Challenges and Opportunities
in the Downturn*

WORKSHOP 5

Environmental Impacts of International Transport

Wednesday 27th May 2009, Hall 2 - 09:00 to 12:30

Background:

Globalisation has accelerated economic growth and that growth has been accompanied by large increases in emissions of air pollutants, greenhouse gases and other environmental impacts. The wealth created by growth makes it possible to reduce these impacts considerably and tools to achieve this through cleaner technologies and better management of resources are available. Their deployment is largely a political decision but the instruments chosen to implement environmental protection policies should be designed to maximise welfare, reducing pollution as cost-effectively as possible closer to optimal levels.

Globalisation has changed patterns of transport. The distances goods and passengers travel have increased overall. Falling transport costs have increased the tendency for economic activity to concentrate in large cities and globalisation has thus tended to concentrate environmental impacts on the access roads to major cities and their port and airport gateways. Air pollution and noise nuisance are critical issues in the development of many of these gateways.

This workshop will also examine GHG emission reduction potentials for aviation and maritime transport and will explore how best these potentials might be met. The 2008 International Transport Forum examined policies to mitigate CO₂ emissions from surface transport. Globalisation has also been accompanied by conspicuous increases in GHG emissions from both aviation and maritime transport. Addressing emissions from these sectors will be prominent at the Conference of the Parties to the UN Framework Convention on Climate Change in Copenhagen in December 2009, where negotiations to renew or replace the Kyoto Protocol will take place. The workshop will assess the options for effective policies.

Participants:

- Moderator: Tony Venables, Oxford University. Centre for Analysis of Resource Rich Economies, UK
- Harald Diaz-Bone, UNFCCC
- Jos Dings, European Federation for Transport and Environment
- Christian Dumas, Airbus Industries
- Per Magne Einang, Marintek -SINTEF
- Jasper Faber, CE Delft, Netherlands
- Yoshitsugu Hayashi, Nagoya University, Japan
- Raphael von Heereman, Hapag-Lloyd Flug GmbH
- Per Kågeson, Nature Associates, Sweden
- Andy Kershaw, British Airways and Aviation Global Deal
- Callum Thomas, Manchester University, UK

Organisation:

The workshop will take place as a moderated discussion around the issues described below. Aviation and Maritime will first be discussed in turn following short introductory remarks by rapporteur Per Kågeson.

Issues to explore:

- Emission reduction potential and costs for aviation and maritime transport: how much, how fast and under what commercial and regulatory conditions?
- Policies and policy design for reducing the environmental impacts of international transport and cut pollution cost effectively to optimal levels;
- Managing the growth of CO2 emissions from aviation and shipping - the effectiveness and likely impacts of potential tools including emissions trading;
- The potential of environmental policies to create trade barriers, and what might be done to avoid the pitfalls;
- What impact will the current recession have on long term aviation and maritime fossil energy demand and on the uptake of fuel-saving technologies and procedures?
- Addressing acute environmental pressure points - maritime ports and airports.