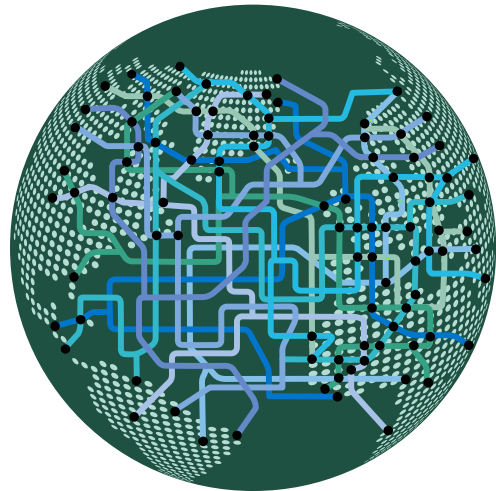


GHG-TransPoRD 3rd workshop

R&D strategies, innovations, learning and cost of measures to reduce greenhouse-gas emissions of transport

December 14+15th 2010, Brussels



GHG-TransPoRD - Reducing greenhouse-gas emissions of transport beyond 2020: linking R&D, transport policies and reduction targets

Background

The workshop is organised by the GHG-TransPoRD project, which is co-funded by the European Commission 7th Research Framework Programme (FP7) and coordinated by Fraunhofer-ISI in collaboration with four European partners.

The GHG-TransPoRD project aims at **developing an integrated European strategy** that links R&D efforts with transport policies and technological measures **to achieve substantial greenhouse gas (GHG) emission reductions in transport** that are in line with the overall reduction targets of the EU. As part of this strategy, the project will propose GHG reduction targets for transport as a whole as well as for each transport mode for 2020 and 2050.

Objective of the workshop

This 3rd workshop will be structured into two days with different focus. On the first day we will discuss the R&D strategies and the innovation system in the transport sector, which is important to understand when designing R&D strategies for GHG reductions of transport. On the second day we will discuss the potential cost developments of selected GHG reduction measures for each transport mode. The selection of the measures is based on the analyses of GHG-TransPoRD that have been discussed with stakeholders at the joint IEA/GHG-TransPoRD workshop in Paris in 2010. Details and presentations of this workshop as well as related deliverables can be found at <http://www.ghg-transpord.eu/ghg-transpord/inhalte/events.php>.

Organisation of the workshop

The workshop is organised as plenary sessions with sufficient time for questions, feedback and discussions. It is free of charge, but participants are kindly requested to register using either the form on the last page of this flyer or the registration section of the invitation email.

Day 1, Tuesday, December 14th, 09:30 to 17:00

Innovation system and R&D strategies for low carbon transport

Venue: MCE - Management Center Europe, Rue de l'Aqueduc 118, Brussels

Topic	Speaker	Time
Opening of workshop Welcome and overview of project & workshop	M.Williams (EC DG-RTD) W.Schade (FhG-ISI)	09:30 – 09:45
Session: 1 The transport policy landscape – need for innovation	Chair: Angelo Martino (TRT)	
European Strategic Transport Technology Plan (STTP)	Marcel Rommerts (EC DG MOVE)	09:45 – 10:15
GHG routes to 2050 – the viewpoint of the environment	Ian Hodgson (EC DG CLIMA)	10:15 – 10:45
The importance of innovative transport technologies at global level	Pierpaolo Cazzola (EC DG JRC in cooperation with IEA)	10:45 – 11:15
Coffee break		11:15 – 11:45
Session: 2 Promoting innovations in the transport sector	Chair: Prof. Francesco Silva (Uni. Milano)	
The innovation system of the transport sector	Wolfgang Schade (FhG-ISI)	11:45 – 12:05
The Chinese approach to innovations in transport	Prof. Wang Yi (CAS-IPM, Beijing)	12:05 – 12:25
One size does not fit all - transport innovation and low carbon strategies in a global perspective	Andreas Kopp (WorldBank)	12:25 – 12:45
Lunch break		13:00 – 14:00

Session: 3 Facts on R&D and innovations in transport	Chair: Jonathan Köhler (FhG-ISI)	
R&D investments in the transport sector	Tobias Wiesenthal (EC DG JRC IPTS)	14:00 – 14:30
Innovation in Electric and Hybrid Vehicle Technologies: The Role of Prices, Standards and R&D	Ivan Hascic (OECD)	14:30 – 14:50
The innovation roadmap of selected transport modes	Research platforms and associations	
ERRAC Roadmap: greening of transport	Christophe Chéron (ERRAC)	14:50 – 15:05
ERTRAC Strategic Research Agenda (SRA)	Prof. Zissis Samaras (ERTRAC)	15:05 – 15:20
Coffee break		15:30 – 16:00
Session: 4 Closing discussion	Chair: W. Schade (FhG-ISI)	
Is the European transport innovation system on the right track to deliver required GHG reductions ?		16:00 – 16:45
Rapport by the chair persons of sessions 1-3		
Plenary discussion		
Concluding remarks	ISI / EC	16:45 – 17:00

Day 2, Wednesday, December 15th, 09:00 to 17:00

Technological learning and cost development of GHG reduction measures in the transport sector

Venue: MCE - Management Center Europe, Rue de l'Aqueduc 118, Brussels

Topic	Speaker	Time
Opening of workshop	M. Williams (EC DG-RTD)	09:00 – 09:15
Welcome and overview of workshop	W. Schade (FhG-ISI)	
GHG-TransPoRD project overview	W. Schade (FhG-ISI)	09:15 – 09:30
Applying learning curve analyses for cost assessment	J. Köhler (FhG-ISI)	09:30 – 09:45
Session 1: cost of measures and learning in different transport modes	Chair: Angelo Martino (TRT)	
Road transport: driving down the cost of GHG reductions	Michael Krail (FhG-ISI)	09:45 – 10:30
Rail transport: cost of specific measures and learning from road transport	Lars Akkermans (TML)	10:30 – 11:00
Coffee break		11:00 – 11:30
Air transport: cost reduction through R&D	Jonathan Köhler (FhG-ISI)	11:30 – 12:00
Cost assessment of alternative fuels	T. Wiesenthal, G. Leduc (EC DG JRC IPTS)	12:00 – 12:40
Extended discussion		12:40 – 13:15
Lunch break		13:15 – 14:15
Session 1: continued	Chair: Angelo Martino (TRT)	
Ship transport: cost reduction under limited economies of scale and limited research budgets	Lars Akkermans (TML)	14:15 – 14:45
Session 2: The role of transport policies	Chair: Lars Akkermans (TML)	
Impact on GHG reductions of urban and national transport policies	Ann Jopson (ITS, University of Leeds)	14:45 – 15:20
Proposing policy packages for GHG reductions	Angelo Martino (TRT)	15:20 – 15:35
Coffee break		15:35 – 16:00

Session: 3 Closing discussion	Chair: Wolfgang Schade (FhG-ISI)	
Summarizing the abatement cost curves of GHG- TransPoRD	Wolfgang Schade (FhG-ISI)	16:00 – 16:10
Can we pay for the GHG reduction measures and who pays for them ?		
Plenary discussion		16:10 – 16:50
Concluding remarks	ISI / EC	16:50 – 17:00

Organisational details of the workshop

Timing

December 14th: Innovation system and R&D strategies for low carbon transport (09:30 to 17:00)

December 15th: Technological learning and cost development of GHG reduction measures in the transport sector (09:00 to 17:00)

Venue

MCE - Management Center Europe,
Rue de l'Aqueduc 118, 1050 Brussels

Registration

Please register with your details at Ms. Imke Gries at Fraunhofer-ISI. Registration could be via fax: +49 721 6809 135 or via email: imke.gries@isi.fraunhofer.de. Please, use subject code **GHG-TransPoRD December Workshop** and provide:

Name:

Institution:

Email:

Registration for (tick box):

Day 1 (innovation and R&D)

day 2 (costs and learning):

Contact

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