

Transport Emissions: The Climate Challenge

Results from IP QUANTIFY and SSA ATTICA

Brussels, 24 June 2010



Location: Renaissance Brussels Hotel, Brussels (BE)



Agenda

Chair: Prof. Dr. Robert Sausen (DLR Oberpfaffenhofen, Germany)		
11:00 – 11:10	Opening address	Dr. Elisabeth Lipiatou (Head of Unit 'Climate Change and Environmental Risks', EC)
11:10 – 11:15	Welcome address	DLR
11:15 - 11:40	Experiences from Volcanic Ash Cloud Observations with the DLR-Falcon over Europe during Air Space Closure	Prof. Dr. Ulrich Schumann (DLR Oberpfaffenhofen, Germany)
12:00 – 13:15	Coffee & Canapés	
Chair: Prof. Dr. Ulrich Schumann (DLR Oberpfaffenhofen, Germany)		
13:15 – 13:40	Why particular emphasis on climate impacts of transport — The research projects QUANTIFY and ATTICA	Prof. Dr. Robert Sausen (DLR Oberpfaffenhofen, Germany)
13:40 – 13:55	Comments and discussion	Stakeholders
13:55 – 14:15	From the exhaust to ozone production and methane destruction	Prof. Dr. Ivar Isaksen (CICERO, Norway)
14:15 – 14:30	Feedback and discussion	Stakeholders
14:30 – 14:50	More and different clouds from transport	Dr. Klaus Gierens (DLR Oberpfaffenhofen, Germany)
14:50 – 15:05	Feedback and discussion	Stakeholders
15:05 – 15:25	Coffee break	
Chair: Dr. Daniel Cariolle (CERFACS, France)		
15:25 – 15:45	How does transport change climate?	Prof. Dr. Keith Shine (University of Reading, UK)
15:45 – 16:00	Feedback and discussion	Stakeholders
16:00 – 16:20	How to compare climate impacts of transport?	Dr. Jan Fuglestvedt (CICERO, Norway)
16:20 – 16:35	Feedback and discussion	Stakeholders
16:35 – 16:50	Going by car, plane, coach or train?	Dr. Jens Borken-Kleefeld, (IIASA, Austria)
16:50 – 17:00	Feedback and discussion	Stakeholders
17:00 – 17:10	Summary	Prof. Dr. Robert Sausen
17:10 – 17:30	Concluding discussion	Stakeholders
17:30	Closing	Dr. Claus Brüning (Programme Officer, Unit 'Climate Change and Environmental Risks', EC)



ATTICA



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Stakeholder Meeting

Brussels (BE), 24 June 2010, 11:00 - 18:00

The Stakeholder meeting will provide an overview of the current research results on the impact of transport emissions in a comprehensible and accessible way. The key questions address how transport emissions harm climate, how to account for it and what the possible options are. The answers are based on the European research projects QUANTIFY and ATTICA. The meeting details are given below.

Transport emissions are on the increase - more than in any other industrial sector. They affect global CO₂ emissions and they contain other climate-relevant substances, thus impacting atmospheric composition and climate. In light of the United Nations Framework Convention on Climate Change (UNFCCC), the Kyoto Protocol, and possible follow-up Protocols, this rate of increase poses a severe problem when trying to achieve emission reduction targets.

The Integrated Project QUANTIFY (2005-2010, www.ip-quantify.eu), funded by the EC within the 6th framework programme studied and quantified the impact of transport on the composition of the atmosphere and on climate. From 2006 to 2010, QUANTIFY was complemented by the Specific Support Action (SSA) ATTICA (www.ssa-attica.eu).

The four ATTICA reports provide coherent state-of-the-art assessments of the impact of transport emissions on climate change and ozone depletion. Three reports cover the emissions of aviation, shipping, and land transport. The fourth report provides metrics to quantify and objectively compare the effects of transport emissions.

Registration and Location

- Registration: http://www-extern.pa.op.dlr.de/attica/stakeholder-meeting/registration_form.html
- Location:
Renaissance Brussels Hotel
Rue du Parnasse 19
1050 Brussels
BELGIUM