

“Transport & Climate Change - European Researchers Act”

A workshop organised by

ETRA - European Transport Research Alliance

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*IFSTTAR - Institute of Science and Technology for Transport,
Development and Networks - France*

**(To be held in conjunction with the CFCC-2015 Conference:
“Our Common Future under Climate Change” - Paris, July 7-10, 2015)**

Date: Monday, July 6th 2015

**Venue: Paris, IFSTTAR offices, Auditorium, Cité Descartes 14-20, Boulevard Newton, 77447
Champs sur Marne - Marne la Vallée Cedex 2 FRANCE.**

WORKSHOP OUTLINE AND PROGRAMME

Objectives of the workshop

The *European Transport Research Alliance – ETRA*, as an Organisation encompassing as partners five European Associations with members involved in different aspects and areas of Transport research. The ETRA, recognizing the horizontal nature of the impacts of climate change on the Transport system, is organising this one day Workshop in Paris (on July 6th, 2015) in cooperation with the French Transport research Organisation IFSTTAR, and in parallel to the “*Our Common Future under Climate Change - CFCC-2015*” Conference¹, also held in Paris from July 7th – 10th 2015.

¹ This Conference takes place as a preparatory event to the December COP21 Paris Meeting (the 21st session of the Conference of the Parties of the UN/FCCC) and is aimed to:

- a. 1 - Provide state-of-the-art scientific knowledge on climate change, one year after the release of the IPCC AR5: physical basis of climate change, impacts, adaptation and vulnerability, mitigation, storylines and scenarios.
- b. 2 - Explore a wide range of pathways combining climate change mitigation and adaptation, and sustainable development.
- c. 3 - Assess the potential for evidence-based solutions to climate change challenges.

Draft Programme updated on April 30th, 2015

The aims of this one-day Workshop can be summarized as follows:

1. Highlighting some key results of current transport research, related to climate change.
2. Advising on the practical steps towards adaptation and mitigation actions in the short to medium term in the field of Transport.
3. Recommending the necessary policy actions at European level.
4. Providing a concise overview of the research being developed throughout Europe in the field of transport and with respect to climate change issues.
5. Identifying needs for future research on transport and climate change adaptation or mitigation issues.

The presentations will cover the whole spectrum of Transport modes and will focus on presenting research results and solutions that the European research community proposes as regards the role and interactions of the transport system with the climate change phenomenon. It will also focus on how to move from research to implementation in a constrained funding environment and time frame.

Through this workshop, the organisers intend to show the added value that can be accrued from a multidisciplinary research in tackling our transport problems and the need to adapt any solutions to real societal needs and demands. It will also demonstrate the greater synergies that can be achieved through the collaborative research approach adopted by the ETRA partners on the transport transversal issues and transport related global challenges.

Format

There are three Sessions foreseen with discussion period at their end, and one Round Table discussion at the end during which a wrap up report will be made, by a nominated rapporteur, on the results of the previous Sessions as well as a conclusions statement including future research needs and available implementation tools.

The audience of the Workshop is expected to consist primarily of researchers, research managers, and transport administration officials involved or interested in climate change issues.

Publication of papers

The organizers will make a concerted effort to have a number of the papers, presented in the Workshop, published in an appropriate scientific publication.

d. 4 - Contribute to a science-society dialogue.

Programme Outline

Time	Sessions and Themes
0900 - 09.30	Welcome coffee and registration
Session I: Introduction and horizontal issues	
09.30 - 11.00	<p>a. "Introduction, Aims of the Workshop and main issues", Prof. George A. Giannopoulos, Chairman of ETRA</p> <p>b. "Transport issues on the United Nations Framework Convention on Climate Change", Helene Jacquot-Guimbal, Director General IFSTTAR, Vice chair ETRA</p> <p>c. "European Climate Change and Transport, Policy Review", EU speaker <u>To be defined</u> (How does the EU act on climate change issues? How does it play the global game? Links with UNFCCC & IPCC)</p> <p>d. "Overview of European Transport Research on Climate Adaptation issues", Dr. E. Mitsakis, Hellenic Institute of Transport</p> <p>- DISCUSSION</p>
Coffee break – 30 minutes	
Session II: Transport mitigation issues	
11.30 - 13.00	<p>a. "Road Transport roadmap of climate mitigation actions – the view of the ERTRAC working group", Ruud Smit, ERTRAC, Vice-Chair for infrastructure (To be confirmed)</p> <p>b. "Guidance for climate-proofing project planning", Markus Leitner– Environment Agency, Austria</p> <p>c. "Transport mitigation: a continuous and never ending dimension in all Transport activities", I. Stamos, Hellenic Institute of Transport.</p> <p>d. One more paper to be defined.</p>

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	-DISCUSSION
Lunch Break – 1h15	
Session III: Transport adaptation issues	
14.15 - 15.45	<p>a. “Adaptation of Transport to climate change in Europe: Main findings of the EEA report 8/2014”, Prof. Angel Aparicio - UPM Spain.</p> <p>b. “Adaptation in the transport sector: study with a combined forward looking investment model and a CGE mode”, Heyndrickx Christophe – Transport and Mobility Leuven/Belgium</p> <p>c. “Rail transport adaptation measures” (title yet to be defined), David Jaroszweski– Centre for Railway Research and Education University of Birmingham /UK</p> <p>d. One more paper to be defined.</p> <p>- DISCUSSION</p>
Coffee break – 30 minutes	
Session III: Round Table Discussion	
16.15 – 17.30 Panel of experts to discuss Future needs for European Transport Research on climate change issues	
17.30 - 17.45	Conclusions and Wrap up of the Workshop

The *European Transport Research Alliance – ETRA*, is an Organisation encompassing five leading Transport research European Associations with members involved in different aspects and areas of Transport research: ECTRI, FEHRL, FERSI, EURNEX, and HUMANIST.

It was formed in September 2012 to promote and support the full completion of the European Research Area in the field of Transport (ERA-T). In doing so, it brings together the strengths of its Partner Associations and coordinates activities on common issues for European Transport Research.

For further info on ETRA: www.etralliance.eu

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