

**TRB sponsored WORKSHOP on  
International Transportation Research Collaboration:  
Success Stories**

**WORKSHOP OUTLINE**

Sunday, January 10, 2010, 1:30pm- 4:30pm, Hilton

George Giannopoulos, Hellenic Institute of Transport, Greece, and  
Jorge Prozzi, University of Texas, presiding

*Sponsored by Committee on International Activities (A0010); Committee on Conduct of  
Research (ABG10); Committee on Technology Transfer (ABG30)*

The scope and main objective of this workshop is to exchange experiences on *success stories* of International Collaboration in Transport Research, and draw practical conclusions, from these experiences, about future actions and structures of international collaboration. The workshop will also discuss ways and policies to advance such collaboration in the future.

The procedure to be followed features an international panel of experts who have successfully demonstrated how to collaborate on international transport research and policy development through collaborative approaches, and discussion - exchange of experiences between the panel and the audience.

There are 7 presentations planned, each of 15 minutes duration. These presentations will be divided in two sets, each set followed by a 30-45 minutes discussion period. In the course of the two discussion periods, 5 “targeted interventions” (of maximum 5 minutes each) will be made by designated discussants based on their own experiences, as an added “discussion stimulus”.

**1<sup>st</sup> set of presentations:**

**Recommendations to Establish a Framework for Successful International Transportation Research Collaboration: The TRB/ECTRI Working Group Report: (P10-0338)**

Prof. George Giannopoulos, Hellenic Institute of Transport, Greece.

This introductory presentation will give a short expose of the main findings and recommendations, made by the working Group established for this purpose by ECTRI and TRB, for policies and actions to promote International collaboration and EU/US collaboration in particular<sup>1</sup>. The presentation will serve as an introduction to

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<sup>1</sup> The full report of this Group can be found in the site of the TRB as well as in that of ECTRI and is also translated into French and Spanish.

the presentations of “success stories” that will follow. It will at the same time indicate areas where more work is necessary for implementing those recommendations as well as the necessary follow up actions.

**Caltrans and Danish, Transport research Collaboration (P10-0284),**  
Randell H. Iwasaki, *California Department of Transportation*, and  
Gert Ahé, *Danish Road Directorate*.

The California Department of Transportation (Caltrans) and the Danish Road Directorate/Road Institute have joined forces in research and development for two of the top environmental challenges for their road administrations - the abatement of road noise and reduction of green house gas (GHG) emissions. A one-year joint project focusing on optimization of noise-reducing pavements has already been successful in creating valuable results for all partners. Joint research activities in climate change focus on reducing the road traffic contribution to emission of GHG by evaluating the rolling resistance of road pavements. This effort has been started in the framework of the MIRIAM project in Denmark. It has so far proven very successful and value added to integrate both Californian and Danish (European) knowledge in these joint projects.

**European Union, FP7 International Cooperation Instruments, (P10-0285),**  
Arnoldas Milukas, *European Commission DG RTD, Belgium*.

The European Union is introducing more and more in its calls, under its 7th Framework Programme of Research, new “models” and “instruments” for International research Cooperation ( INCO) with countries all over the world.

This presentation will give a concise review of these “instruments” and will discuss their success so far. It will also give an outline of the future actions and policies planned in the EU in this field.

**Minnesota Department of Transportation Collaboration with Scandinavian Transport research, (P10-0286),**

Maureen Rita Jensen, *Minnesota Department of Transportation*

The Minnesota Department of Transportation has established memoranda of understanding with Scandinavian countries to conduct joint research and exchange information and practical experience for addressing winter road maintenance issues.

This presentation will focus on the experience from such collaboration between the MnDOT and Sweden. It will be coupled with an intervention from a Swedish researcher, participating in this collaboration, during the discussion period.

30 minute DISCUSSION period

**2<sup>nd</sup> set of presentations:**

**Experience and opportunities for trans-national cooperation in transport research programming: the ERA-NET Transport example, (P10-0287),**  
*Sieds Habelsma, KiM Netherlands Institute for Transport Policy Analysis, Netherlands and*  
*Walter Wasner, Austrian Ministry of Transport, Innovation and Technology (BMVIT)*

ERA-NET TRANSPORT (ENT) is a sustainable network of national transport research programs in Europe. ENT is also a service platform for program managers, which provides the required framework to initiate and implement trans-national cooperation. It actively provides support and knowledge about contacts, national programs, suitable cooperation procedures and programming practices for successful transport research. At present, 13 EU Member States and associated countries participate in this European initiative and more are about to enter the network.

This presentation will give the experience of its presenters with the ERANET-TRANSPORT and will introduce the steps and actions planned for the future.

**Experience with the European COST programme, (P10-0297),**  
*Cristina Pronello, Politecnico di Torino, Italy*

This presentation will show the experience from the European COST programme of international research collaboration. COST is an intergovernmental framework for European Cooperation in Science and Technology, allowing the coordination of nationally-funded research on a European level. COST contributes to reducing the fragmentation in European research investments through a bottom-up approach, allowing to prize new and innovative ideas not necessarily present or not yet provided by European Research Agenda.

The opening the European Research Area to cooperation worldwide is another characteristic of COST that has recently signed research agreement with Australia, New Zealand and South Africa. This presentation will expose the success stories as well as the weaknesses of the COST research collaboration programme.

**Cooperative Agreement Between the Federal Highway Administration and FEHRL, (P10-0408)**

*Michael F. Trentacoste, Federal Highway Administration*

This presentation will give the experience of FHWA in working with international transport research focusing on their cooperative agreement with the European Federation of Road Laboratories (FEHRL). FHWA is rigorously pursuing

international collaborative work in their programmes and it was a very active participant also in the TRB/ECTRI working group 10.

45 minute DISCUSSION period

***Interventions (each 5 minutes long) will be made during the 2 discussion periods by (P10-0339):***

- Neil Paulley, TRL, UK
- Debra Elston, FHWA /USDOT
- Mats Wendel, Sweden
- J. Prozzi, TRB Int'l Activities Committee
- Donna Bialozer, senior technology transfer specialist at the US National Cancer Institute.