Climate change: European research calls up for sustainable mobility and transport

A European Union French Presidency event organized by The French Research Institute on Transport and Safety

- Opening
  Monday 8 December 2008 - 16h15/18h30
  Amphitheater of Honor - University Lumière Lyon 2

- Synthesis - Lyon Declaration
  Thursday 11 December 2008 - 14h30/18h00
  Albert Camus Space - Bron

Animation: Alex Taylor, Journalist
A founding event

The event «Sustainable Transport and Mobility Research and Climate Change Challenge» implements the 2020 Vision of the European Research Area (ERA). All the European associations and networks, covering the whole research field on surface transport will be gathered for this occasion. The FP7 «Transport Program Committee», putting together the thirty four representatives from the participating states, will meet in the context of this big international event.

• The «Lyon’s Declaration» will be stated on December 11th 2008. It will aim at establishing common positions on the European Research Area Green Paper, on the updating of the 7th FRDP and the European Research Area 2020 vision.

• This major event will set up the initiative of the «Transport Research European Research Weeks». The Czech Republic and the Spanish Kingdom already have planned to organize further events of this kind, in order to create a unifying event of the European Transport Science community as in the case of the American Academies TRB.

Major scientific stakes

The need of Transport European Research structuration involves the setting up of scientific networks and the pooling of large infrastructures (scientific equipments, data bases).

• During the event, the first issue of the «European Transport Research Review», a rank A level scientific journal, will be launched. It was created by the Europeans for the Europeans, being the first electronic journal with open access to deal with surface transport research. Managed by ECTRI, this journal intends to rank at the best level from the start among the international scientific journals.

• The event will be the opportunity to launch a new generation of scientific Networks of Excellence. Organizing the event, INRETS participates in four Networks of Excellence (NoEs), three of which are consolidated, as Virtual Centers of Excellence, created by the end of the NoEs’ works. INRETS conducts two of them, that are the association resulting from HUMANIST, the association resulting from APSN, and the recently created NEARCTIS network.

• The Scientific activities of these four Networks of Excellence will be carried out during the event. EUR-NEX promotes the contribution of rail transport to sustainable development, unifying research. HUMANIST’s approach is human centered, unifying research through the creation of a European virtual centre. APSN calls the European experts around the vehicle’s passive safety in order to reduce the number of victims. NEARCTIS is an academic network, working on the management and optimization of road traffic (mainly on cooperative systems), intending to create a research virtual institute.

The main working groups of the EUFP event

• Several «transversal topics sessions» will address the 2020 Vision of the European Research Area around the transport research issue: Gender Equality, Research Management and Governance, Research Infrastructure sharing, the new generation of scientists.

• The «thematic work groups» of the Transport Research Institutes European Conference (ECTRI) will gather for this occasion. Proposed in 2001 by Jean-Pierre Médevielle, INRETS Deputy Director General, it was established by its seventeen founding members in 2003. Today, ECTRI is managed by Guy Bourgeois, INRETS General Director. ECTRI association counts twenty members among the European big institutes or universities on transport research. Its objective is to contribute to build the Surface Transport European Research Area.

• In parallel, the FERSI (Forum of European Research Institutes on Road Safety ) and the FEHRL (Forum of European National Highway Research Laboratories) will gather their working groups and participate in this event as EARPA (Automotive Research & Development Organizations).
A lever for research and innovation in Rhône-Alpes

The event «Sustainable Transport and Mobility Research and Climate Change Challenge» will take place in the Lyon agglomeration, one of the fifteen most important European metropolises. As the second French academic pole, Lyon has a high level potential in the field of research and training. Relocated in Lyon-Bron in September 2008, INRETS headquarters will participate in the international development of Lyon and the Rhône Alpes Region:

- INRETS will soon sign a scientific partnership agreement with the «PRES de Lyon», putting together twenty structures within the «Lyon University» Public Institute for Scientific Cooperation.
- INRETS ensures the scientific management and coordination of the «Territories and Society Regional Transport Research Cluster» a network of thirty public research laboratories from the Rhône-Alpes region.
- INRETS is one of the founding members of «Lyon Urban Truck&Bus» competitiveness cluster. LUTB is one of the eleven poles of competitiveness dealing with surface transport. It was initiated by Renault Trucks, Irisbus France, the French Institute of Oil (IFP), the Grand Lyon, the Lyon Chamber of Commerce and Industry and INRETS.
- INRETS, besides the Lyon Engineering, created by INSA and the Ecole Centrale de Lyon, represents the Carnot Institutes network in Rhône-Alpes.
- INRETS, besides the ENTPE, the CERTU, the CETE and the CETU, is a founding member of the MEEDDAT technical and scientific pole from Rhône-Alpes.

INRETS, a reference of Scientific and Technological Research Institutes in the European Area Research Institutes in the European Area

Established in 1985, INRETS is a Scientific and Technological Public Institute (EPST) under the supervision of the Ministries in charge of Research and Transport. It mainly participates in ground transport, with air and sea interfaces. The institute collaborates with all the big transport operators and industrials and advises public policy makers.

INRETS plays a unifying role in the management of the transport international scientific networks. From 2000, the institute has been the partner of about one hundred and twenty European projects. INRETS ensures the present chairmanship of ECTRI and of the European Committee for the improvement of vehicle safety

EUFP event from 8 to 12 December 2008

- INRETS - 25 Avenue François Mitterrand 69500 Bron
- Espace Albert Camus - 1 rue Maryse Bastié 69500 Bron
- Amphithéâtre d’honneur de l’Université Lumière Lyon 2
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