



# ECTRI, European transport research institutes working together

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# Scope & vision

- Network established in 2003 as a non-profit association
- Scope: to promote integrated surface transport research and development in Europe
- First attempt to:
  - Unite the forces of the **foremost multimodal transport research centres** across Europe
  - thereby **promote the excellence of European transport research**
- Vision: "An efficient, integral European transport system that provides completely safe, secure and sustainable mobility for people and goods"



# Objectives



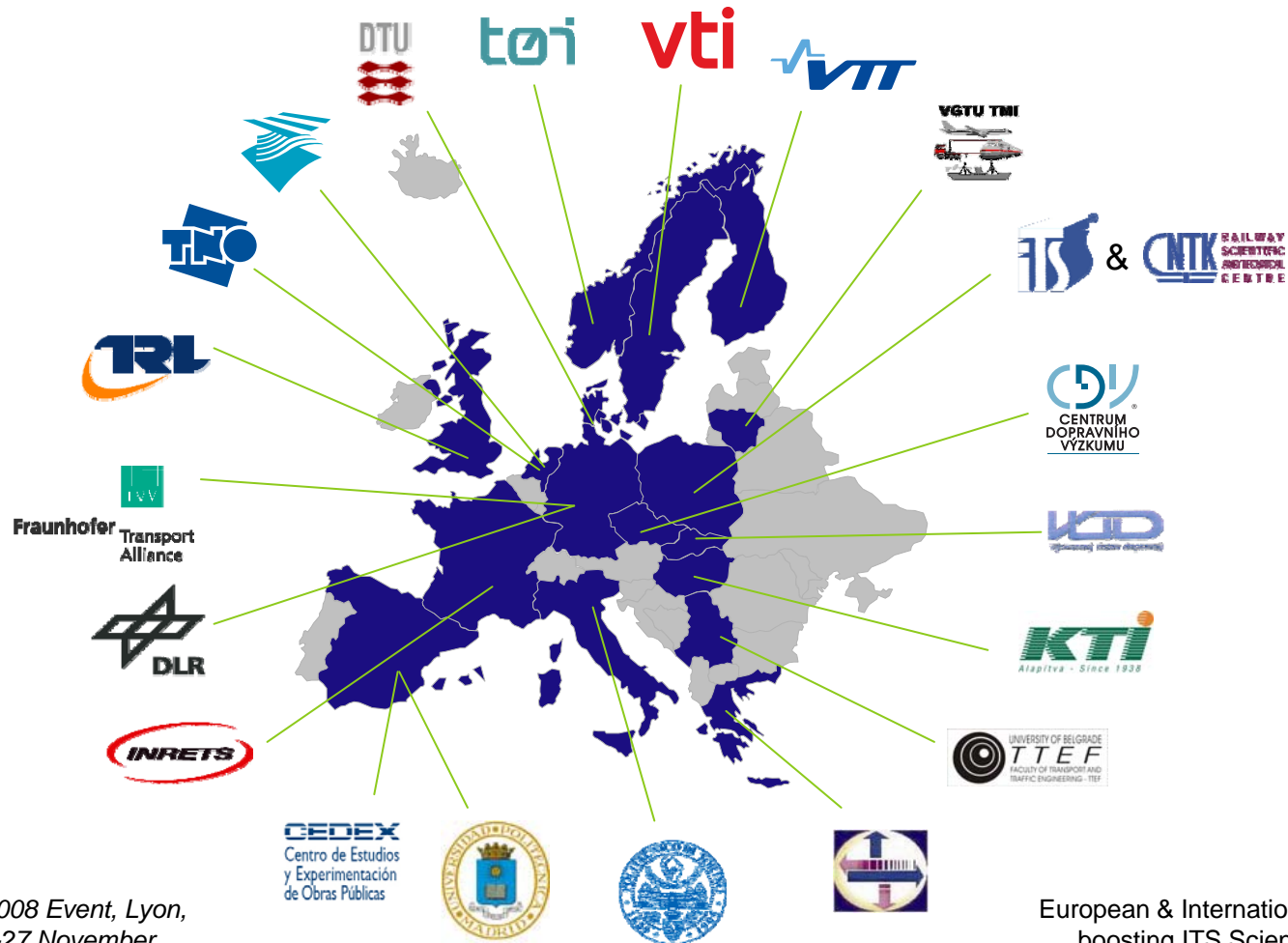
- Develop an **institutionalised network of competence centres** within European transport planning and research
- Be the **representative of European transport research institutes** and the only **organisation with a cross-cutting, mode-neutral perspective** on transport planning and policy
- Include the **foremost centres of excellence in transport research** and integrate organizations from the new member states, acceding and Western Balkan countries
- Be the **preferred scientific partner of dialogue** on transport planning and policy to the **European Commission**
- Develop and support **leading and widely recognised channels of dissemination of transport research results** (like the European Transport Research Review - ETRR),
- Encourage its members to be the most **active and successful contributors to the EC framework programs**



# Partnerships



20 major transport research institutes or universities from 17 European countries



ICT 2008 Event, Lyon,  
25-27 November

European & International Transnational Networks for  
boosting ITS Scientific knowledge and Innovation



# Partnerships (2)

## Traffic sector activities



	CDV	CEDEX	DLR	DTU Transp.	DVS	FhG-FVV	HIT	INRETS	ITS & CNTK	KTI	POLITO	TNO	TØI	TRL	TTEF	UPM	VTI	VTT	VG TU TMI	VÚD	
Road Transport																					
Rail Transport																					-
Waterborne Transport											-										
Air Transport								-				-									
Cross Cutting Work																					

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– marginal



# Partnerships (3)

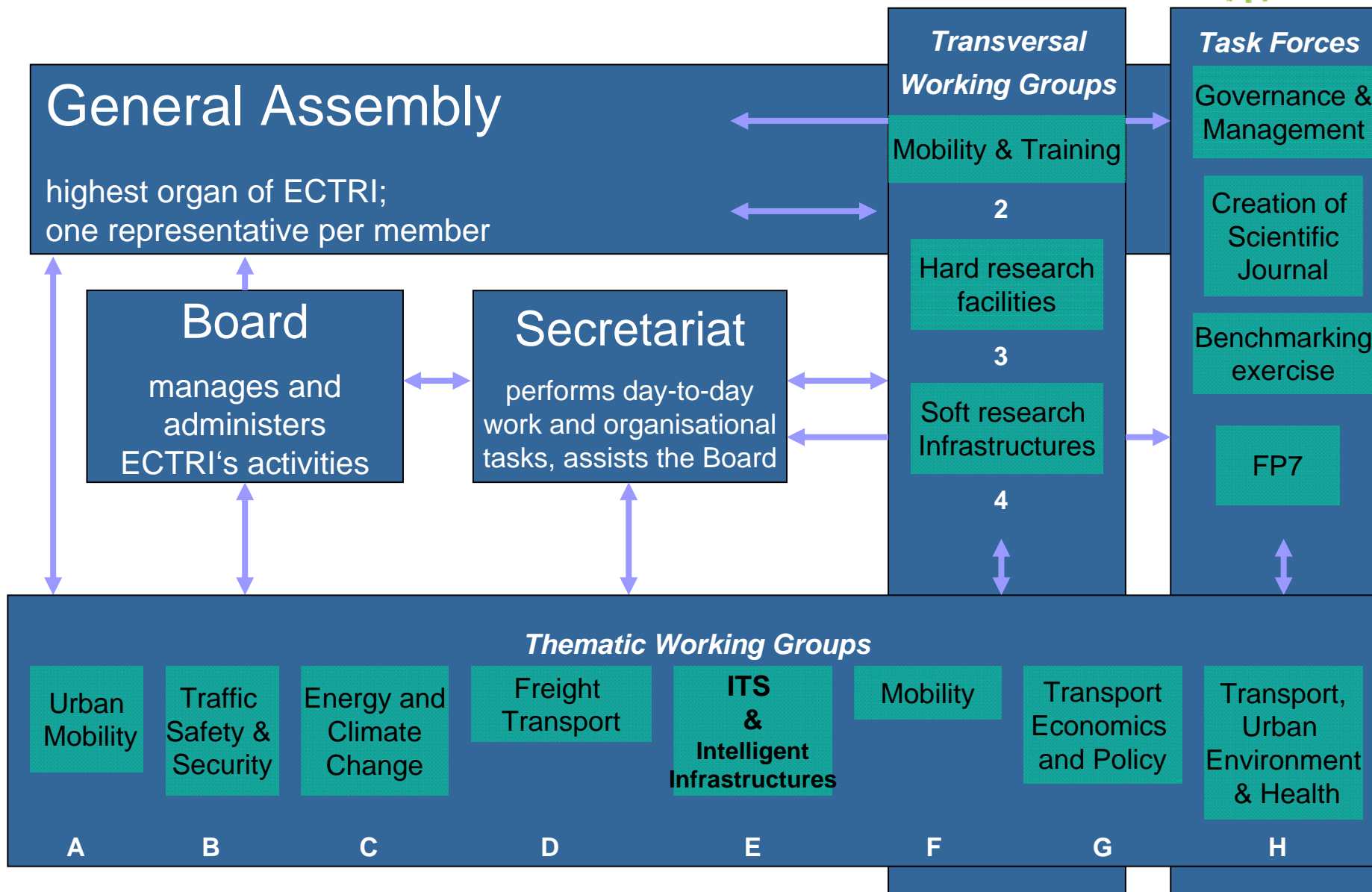
## Fields of expertise



	CDV	CEDEX	DLR	DTU Transp.	DVS	FhG-FVV	HIT	INRETS	ITS & CNTK	KTI	POLITO	TNO	TØI	TRL	TTEF	UPM	VTI	VTT	VG TU TMI	VÜD
Freight Transport & Logistics																				
Mobility & Travel Behaviour																				
Modeling																				
Passenger Transport																				
Safety & Security																				
Transport & Economics																				
Transport & Ergonomics																				
Transport & Telematics																				
Transport & Environment																				
Transport Infrastructure																				
Transport System Management																				
Vehicle Technology																				



# Governance





## Selected activities boosting ITS scientific knowledge and innovation



### ITS and intelligent infrastructures TWG

24 experts from 16 institutes, moderated by INRETS, France

Scope & objectives:

- Identification of strategic research needs (research problems; European research agenda on ITS (2009, 2010 and onwards), what is ITS, how large is the spectra)
- Supporting participation in ICT-FP calls topics
- Development of inputs to FP7 ICT workprogramme updates

### Young Researcher Seminars


- Organised jointly every 2 years by ECTRI, FERSI and FEHRL organisations + TRB participation (through MoU)
- Idea: preparing the new generation of transport scientists and science based professionals in the area of traffic and transportation
- **ITS** is one of 5 seminar domains i.e. Transport economics and transport behaviour, Sustainable transport and environment, Transport safety, Transport engineering



# Selected activities boosting ITS scientific knowledge and innovation



## European Transport Research Review (ETRR)

- an open access journal; wide availability to all researchers with a minimum of constraints and costs
- provides focus on issues of special interest to European transport research, its funding bodies and supervising organisations
- first issue end 2008-early 2009
- published by  Springer Verlag through contract with ECTRI  
*the language of science*
- Journal website: [www.springer.com/12544](http://www.springer.com/12544)
- For authors: online manuscript submission, review and tracking: [www.editormanager.com/etrr](http://www.editormanager.com/etrr)





# Members participation in European ITS for transport related projects



- **FP6**  
**Nearly 113 transport research projects (40 ITS rel.)**
  - 6 Networks of Excellence: **HUMANIST**, EURNEX and APSN (3 ITS rel.)
  - 35 Integrated Projects (18 ITS rel.)
  - as well as Specific Targeted Research Projects (13 out of 41), Coordination and Support Actions (6 out of 28), and 3 Marie Curie actions (Transfer of knowledge)
- **FP7 (Calls 1 and 2)**  
**Nearly 84 transport research projects (40 ITS rel.)**
  - 1 Network of Excellence: **NEARCTIS**
  - 60 Collaborative Projects (incl. 29 ITS related)
  - as well as 22 Coordination and Support Actions (half are ITS related)
- **COST**  
**European Cooperation in the Field of Scientific and Technical Research - Intergovernmental Network**  
5 running actions in the 'Transport and Urban Development' domain (1 ITS rel.)  
  
various thematic areas / all surface transport modes: rail, road,  
maritime, air, multimodal



# Interaction with relevant European and International organisations



## TRB

MoU with ECTRI signed in January 2006



European Road Transport Research Advisory Council



ERRAC  
The European Rail Research Advisory Council



WATERBORNE



Safety

### Participation in Technology Platforms

presence and/or membership in plenaries, steering groups, WGs

### International Interfacing



International Transport Forum

ECTRI

### Cooperation with other Associations

contacts / common interests, some common members



earpa  
European Automotive Research Partners Association

Fraunhofer LBF, TNO, VTT, (CERTH-HIT)



ERTICO  
ITS EUROPE



CDV, CERTH/HIT, DTU-Transport, INRETS, KTI, TOI, TRL, VTI, VTT

European & International Transnational Networks for boosting ITS Scientific knowledge and Innovation

CDV, CEDEX, DVS, KTI, TRL, VTI, VUD

FEHRL

ICT 2008 Event, Lyon, 25-27 November



# Cooperation with US



Memorandum of Understanding (MOU) signed between ECTRI and US-TRB in 2006 in Washington

Activities formalized through a two-year common action plan approved on an annual basis along:

- Cooperation in mutual activities
  - Meeting, Conference, WG, TF, Mutual participation in EU-US research programmes (e.g. SHRP 2 ([www.TRB.org/SHRP2](http://www.TRB.org/SHRP2)) ex: collaboration in safety naturalistic driving study work)
- Organization of, or participation in, select activities
  - Young Researchers Seminar
  - Joint WG on future transport research needs - report to be issued in Jan. 2009
  - Participation of ECTRI in annual TRB Conference (booth, sessions, keynote speakers)
- Dissemination of information and research results
  - TR News, ECTRI Newsletter



# Promotion of a 'major annual Conference on Transport Research and policies'



- In this view, participation to the INRETS Event, 8-12 December 2008, in Lyon:
    - ⇒ A surface transport research event gathering European institutional networks - ECTRI, EARPA, FEHRL, FERSI - and Networks of Excellence (NoEs) - HUMANIST, EURNEX, ISN (ex APSN), NEARCTIS
    - ⇒ Initiate a European version of the « TRB Summer schools »
    - ⇒ Create networking opportunities (reinforcing and widening): i.e a week to meet and exchange, all actors gathered in one place
  - ECTRI's presence and support:
    - ⇒ General Assembly Meeting of ECTRI, Thematic Working Group meetings and participation to 4 transversal sessions
- ➔ ECTRI's forces gathered to contribute to the discussion on FP7 updates and on the future of European Research Area

More information: <http://eufp-event.inrets.fr>



## Advantages/Benefits of the network

- Unique organisation in Europe with a cross-cutting, mode-neutral perspective on transport planning and policy, multidisciplinary, covering a large spectrum of fields of transport research, and dealing both with transversal and thematic research issues
  - Develop the competence and knowledge in transport research
  - Support the interaction between researchers, exchange of knowledge/experience, joint development of research projects, and also their mobility and training
  - Be a relevant platform/partner for interaction with EC and other stakeholders
  - Favor the recognition of its members and their positioning on European research scene
  - Participate in the structuring of the European Research Area in the field
  - Help in the dissemination of information on Transport research developments



## Limits/Difficulties of the network

- Different strategies and approaches (federate diverging interests is challenging!)
- Broad scope / large coverage of activities (cross-cutting, multimodality, fields of research) - heterogeneous competencies and disciplines
- Involvement in the work and activities of the network laying down on members' willingness
- Members expectations / ECTRI's challenges versus resources and financial constraints... We are not as successful as we wish!



Thanks for your attention

Need Further Information - Have Questions?

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