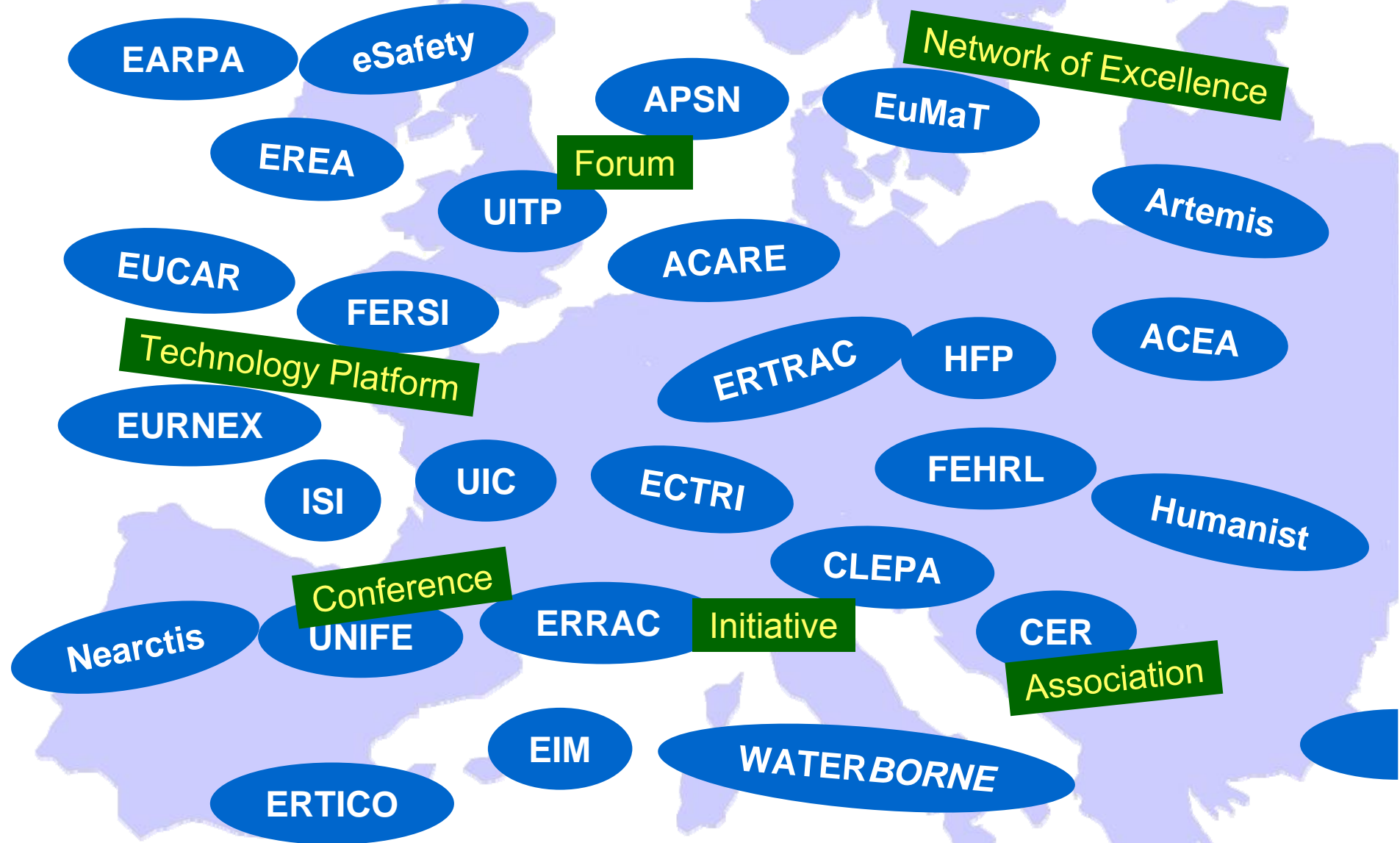


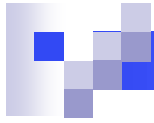
# An Overview

Dietmar Wurzel, ECTRI Secretary

ERA-NET Focus Group Meeting - Köln, December 2, 2008

# Transport Research in Europe





ECTRI is the ...

# European Conference of Transport Research Institutes

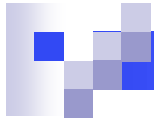




# ECTRI Origin

- Established in 2003 as a non-profit association
- Objective: to promote integrated surface transport research and development in Europe
- First attempt to
  - tie together the foremost multimodal transport research centers across Europe
  - thereby promote the excellence of European transport research





# ECTRI Vision

An efficient, integral European transport system providing safe, secure, and sustainable mobility for people and goods



*Soria Moria castle, by T. Kittelsen*

Traveling towards a far away vision





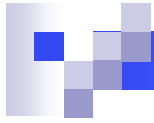
# ECTRI Mission

provide the scientifically based **competence, knowledge**, and **advice** necessary to move towards its vision

To this purpose, ECTRI

- brings together the foremost interdisciplinary **scientific competence** from most of Europe capable of carrying out state-of-the-art primary and applied research in transport
- strives to continually improve the **quality and overall efficiency** of European transport research
- continually looks for **innovative solutions** for present and future challenges in the field of transport
- endeavors to provide practically applicable **answers to questions of policy formulation**



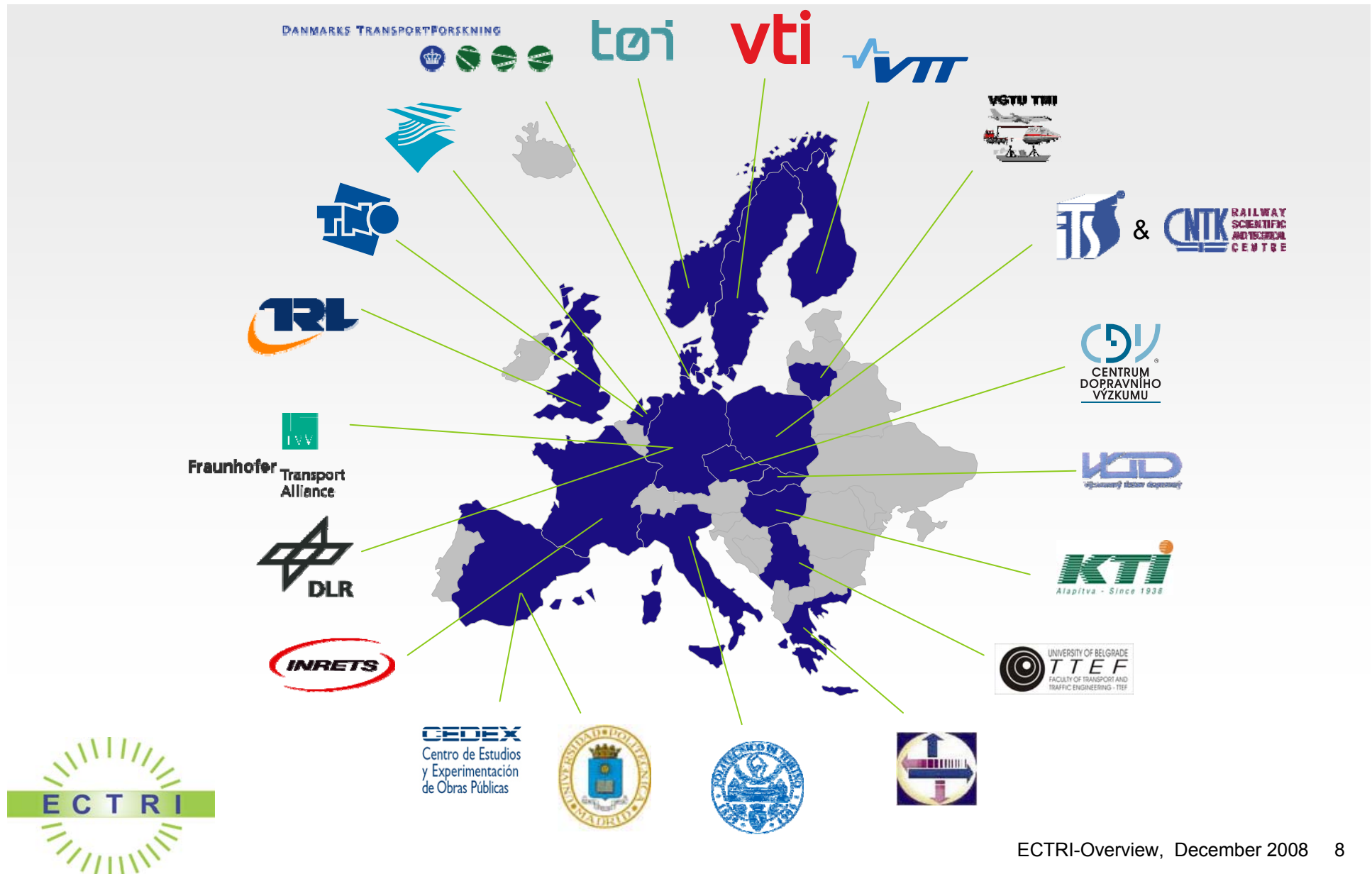


# ECTRI Fosters..

- **cooperation** in
  - ☐ working groups & task forces
  - ☐ seminars
  - ☐ Framework Program projects
- **transfer of know-how** in the field of transport within the ECTRI community
- establishing and developing of **research networks**, serving as a platform of exchange
- integration of organizations from the **new member states, acceding, and Western Balkan countries**



# 20 Members in 17 Countries







# ECTRI Member Activities



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

– marginal



# ECTRI Fields of Expertise

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

Source: Ectri JPA 2006-2008





# ECTRI's Main Research Areas

- Sustainable transport systems, including alternative fuels
- Intelligent transport systems, including ICT and Galileo
- Traffic and transport safety and security
- Behavioral and societal aspects of traffic and transport
- Transport economics
- Transport systems of the future





# Transversal Working Groups

## ■ Mobility and training

Promotion of **human resources & mobility** and Marie Curie actions

- ▶ Together with FERSI and FEHRL, ECTRI as of today has organized three Young Researchers Seminars to help further their education and careers

## ■ Soft research infrastructures

- ▶ **web-based transport research database** on ECTRI institutions, research activities, datasets, libraries, and contact persons
- ▶ interaction between researchers, exchange of knowledge and joint development of research projects
- ▶ access for ECTRI members only

## ■ Hard research facilities

Common ECTRI transport research facilities initiative  
(under development)



# European Transport Research Review (ETRR)

(WG Electronic Journal)

- Open Access Journal
- Focus on issues of interest to European transport research, its funding bodies and supervising organizations
- published by  **Springer** 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.editorialmanager.com/etrr/](http://www.editorialmanager.com/etrr/)
- **First call for papers is open**



# Thematic Working Groups

- Urban mobility (*lead: INRETS*)
- Traffic safety & security (*DVS*)
- Energy and climate change (*DLR*)
- Freight transport (*DLR*)
- Intelligent transport systems and infrastructures (*INRETS*)
- Mobility (socio-economic, demographic, policy aspects) (*DLR*)
- Transport economics and policy (*INRETS*)
- Transport, Urban Environment, and Health (*TOI*)

## Purpose

- ▶ increase ECTRI's competence in science, research and development
- ▶ promote interaction between researchers of member institutions
- ▶ enhance international transport research cooperation
- ▶ support establishing of consortia

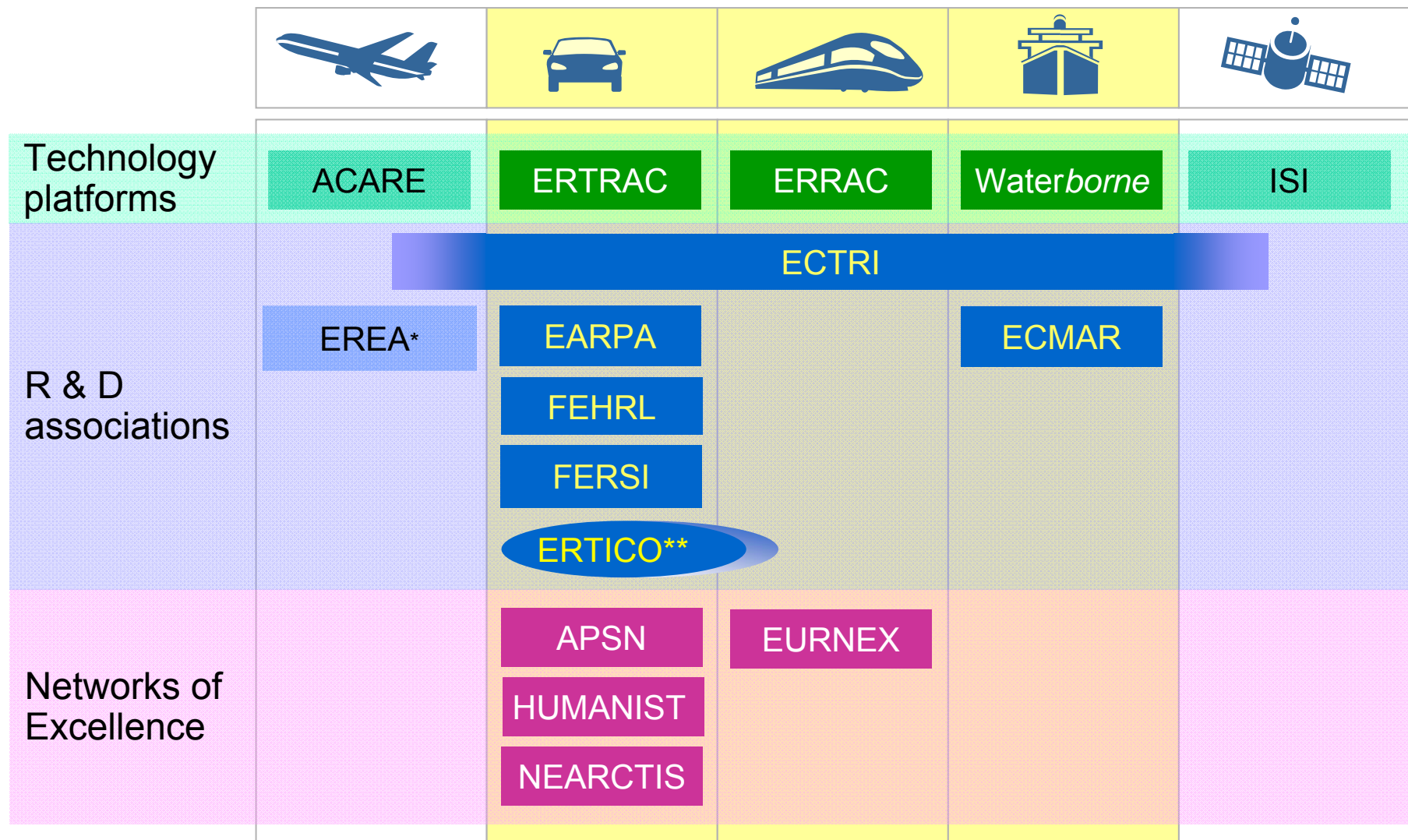






# ECTRI in the Transport Research Arena

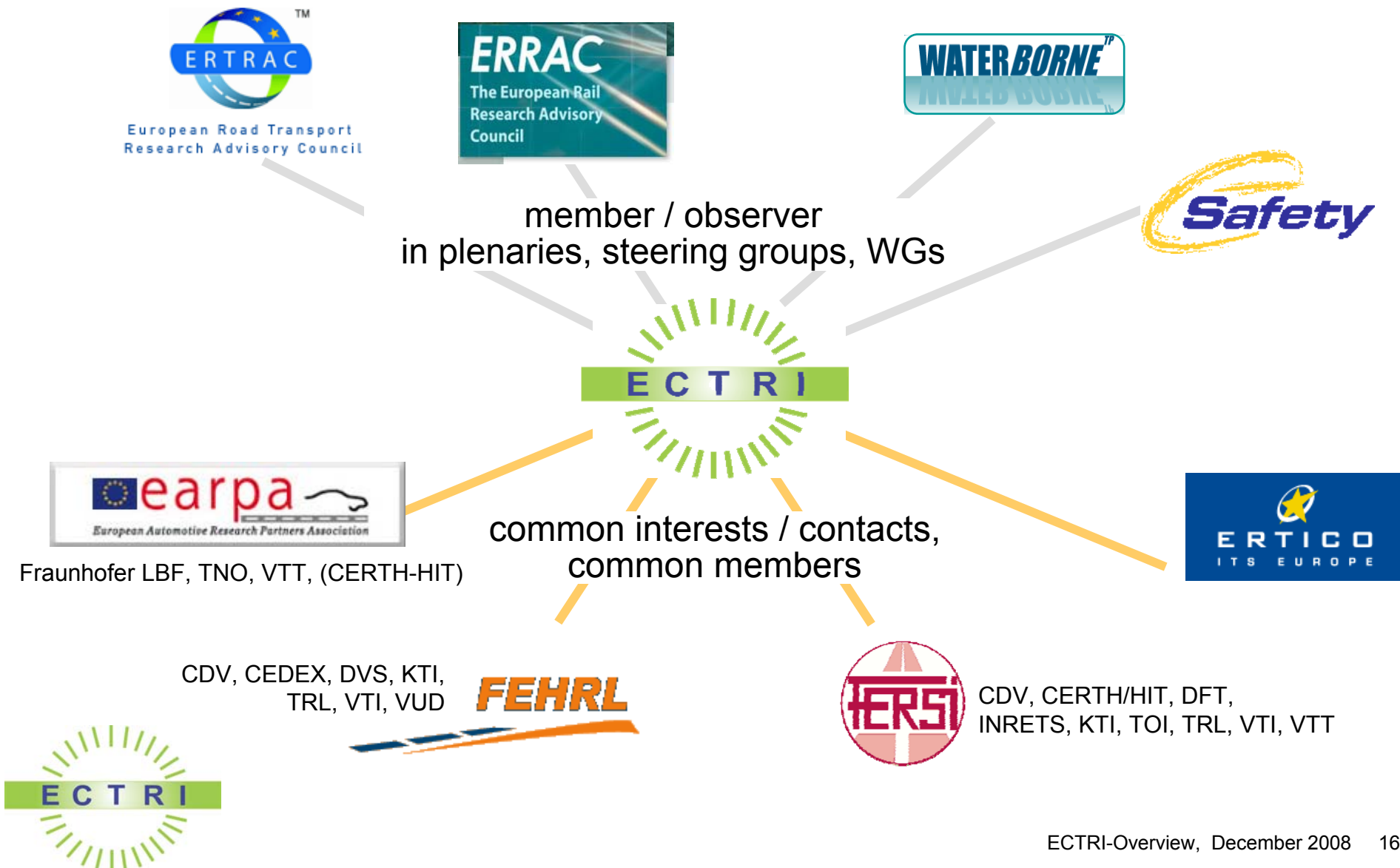
## Major Technology Platforms – Associations – Networks of Excellence



\*Association of European Research Establishments in Aeronautics

\*\*Public/Private Partnership

# Interaction with Relevant European Organizations







# Participation in European Projects

## ■ 6th Framework Program

ECTRI members participated in nearly 120 transport research projects

ECTRI as Partner or Coordinator

- ▶ NET-TRACK - [www.ectri.org/nettrack](http://www.ectri.org/nettrack)
- ▶ EURFORUM - [www.eurforum.net](http://www.eurforum.net)

## ■ COST

European Cooperation in the Field of Scientific and Technical Research  
Intergovernmental Network

- ▶ 2 actions in the 'Transport and Urban Development' domain

## ■ Projects related to various thematic areas and all surface transport modes



# ECTRI and FP 7

Advice / recommendations based on societal needs in surface transport



## Inputs / contributions

- FP 7 updates / working programs
- consultations
- EC papers, directives, etc



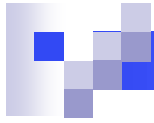
## Benefits

"Economies of scale" of a collaborating European research community

Position reflected in European policies

Members find areas of interest covered in calls





# Other Activities

- International interfacing
  - TRB (US Transportation Research Board)  
MoU signed in January 2006 in Washington, D.C
  - OECD/ITF (International Transport Forum - A Worldwide Platform for Transport Ministers, Industry and Civil Society)
  - Regional networks through members: NTF, SETREF
- Participation in relevant European and international conferences





# ECTRI and Trans-National Cooperation

## Barriers and Benefits – Points for discussion

- ECTRI is an international association (European level, FP oriented)
- ECTRI members pay fees to gain benefits
  - ▶ (privileged) information exchange
  - ▶ participation in working groups and consortia
  - ▶ more clout in Brussels
  - ▶ ...
- ...
- Individual ECTRI members
  - ▶ participate in trans-national programs
  - ▶ may find helpful information on – and may want to join – national programs
- Publish results of trans-national projects in ETRR to provoke interest from ECTRI members
- ...





Further Information: [www.ectri.org](http://www.ectri.org)



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