



**European Conference of Transport Research Institutes
Road Safety Issues and ECTRI activities**

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Chairman of ECTRI**

The ECTRI Vision

- ✓ To create a transport research forum that will focus in creating a well educated and trained next generation of transport scientists and professionals
- ✓ To help towards the pan-European goal to achieve leadership in surface transport research and innovation by the turn of the decade.
- ✓ To help build the European surface transport Research Area in a worldwide opened manner.
- ✓ To create a single European Virtual Transport Research Institute
- ✓ To represent European Transport research towards the rest of the world

ECTRI mission and objectives

- ✓ To promote cooperation in European surface transport research
- ✓ To help materialise the European Research Area by taking part and facilitating networks of mobility and training, and developing joint research infrastructures
- ✓ To provide a platform of exchange for the development of research networks
- ✓ To stimulate the participation of members of ECTRI in European R&D projects in the field of transport
- ✓ To be an « independent advisor » to EU and National governments

Membership

- ✓ CDV – Czech Republic
- ✓ DTF – Denmark
- ✓ VTT – Finland
- ✓ INRETS – France
- ✓ FHG-IVI – Germany
- ✓ DLR - Germany
- ✓ HIT – Greece
- ✓ KTI – Hungary
- ✓ POLITO - Italy
- ✓ TNO – Netherlands
- ✓ AVV – Netherlands
- ✓ TOI – Norway
- ✓ TU Zilina – Slovakia
- ✓ UPM – Spain
- ✓ VTI – Sweden
- ✓ TRL – United Kingdom

Membership



Countries with ECTRI members



Countries where membership is in discussion



Working methods

1/ Board

2/ Working Groups

- ✓ WG1 - **Internal communication issues** :
- ✓ WG2 – **Mobility and training** :
- ✓ WG3 – **Research facilities issues** :
- ✓ WG4 - **Other research infrastructure issues** :
- ✓ WG5 - **Joint program activities** :
- ✓ WG6 – **Strategic vision and transport system of the future**

3/ Task Forces

- ✓ **HUMANIST** :
- ✓ **APSN** :
- ✓ **EUR²EX** :
- ✓ **TRANSFORUM** :
- ✓ **6th FRDP projects and network management (UNECA)** :
- ✓ **TRAINALL** :

ECTRI activities

- 1 Strategic paper*
- 2 Joint Program of Activities*
- 3 Young Researchers Seminars*
- 4 European technological platforms*
- 5 ECTRI FP6 sponsored projects - 100%*
- 6 Other main FP6 projects with involvement of ECTRI members – 70%*
- 7 e-safety projects*
- 8 COST actions*
- 9 International interfacing*
- 10 Other ECTRI activities*

3. Young Researchers Seminars

- **Created and supported by ECTRI on a annual basis in order to**
 - **train young researchers to have excellent oral and written presentation through a strong multicultural European tutorial (1 tutor for 3 young researchers and 2 tutors per session)**

ECTRI activities in the field of Safety:

1. European technological platforms

- ERTRAC and e-safety forum : ECTRI representatives
- ERRAC, Hydrogen and fuel cell : ECTRI representative in discussion

ECTRI activities in the field of Safety

2. ECTRI FP6 sponsored projects 100%

✓ **3 Networks of excellence :**

- HUMANIST with JRC, FERSI – DG INFSO
- APSN with EEVC – DG RTD
- EUR²EX with national rail engineering networks – DG RTD

✓ **1 coordination action : TRANSFORUM**

ECTRI activities in the field of Safety

3. Other main FP6 projects and activities

✓ **Projects :**

- **E-safety projects** (see next)
- **IP MARNIS** – maritime traffic management
- **STREP SEFA** – air noise

✓ **Cooperation with :**

- FERSI, FEHRL, EARPA
- ERTICO, EUCAR, UNIFE, UIC, UITP
- Management issues : UNIFE, EARTO, EARMA, KOWI, ANRT EUROPE

ECTRI activities in the field of Safety

4. e-safety projects with ECTRI members

- **IP PREVENT** – active safety – EUCAR-ERTICO
- **IP AIDE** – HMI ITS ADAS – EUCAR-ERTICO
- **IP APROSYS** – passive safety – EUCAR EEVC
- **IP SAFETY NET** - accidentology – FERSI
- **IP GST** – Global System for telematics –
- **STREP EURAMP** – traffic management –
- **STREP EASIS** - Electronic Architecture and System Engineering for Integrated Safety Systems –

5. COST Actions

➤ *WATCH : COST 355 decision COST C.S.O. December 2003*

➤ *EST*

➤ *AMTM*

9. International interfacing

- EMCT – OECD
- Participation in international conferences (EMCT Budapest, ITS Madrid, Euro India, ITS Budapest, WCTR Istanbul)
- Bilateral relations with American TRB
- Reflection on an international surface transport research Journal

ECTRI and the AWAKE project

- **Fatigue-related crashes are a significant percentage of total road crashes.**
- **Various ECTRI research actions focus on such crashes.**
- **ECTRI has closely and with great interest monitored the developments within AWAKE project.**
- **Numerous AWAKE findings and developments will be further developed, disseminated and used within the framework of new eSafety projects, like PreVent, AIDE, APROSYS but also within HUMANIST NoE.**