



## MEETING WITH Mr. VANDENBERGHE 29 JANUARY 2004 – BRUSSELS

Georgios Giannopoulos – Chairman – General Director of HIT (GR)  
Jean-Pierre Médevielle – Secretary – Deputy General Director of INRETS (FR)

# ***SUMMARY***

- 1- Our Vision
- 2- Mission Statement and objectives
- 3- Statutes, agreement and M.O.U.
- 4- Membership
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- 8- ECTRI activities  
*8.1 to 8.10*
- 9- SSA and Marie Curie applications

# *1 - Our Vision*

- ✓ Europe needs in the world forum to have a well educated and trained next generation of transport scientists and professionals
- ✓ Europe has to keep its leadership in surface transport research and innovation field (for policy and societal issues as well for industrialists and operators)

## *1 - Our Vision (2)*

- ✓ ECTRI is an endeavour to build the European surface transport Research Area in a worldwide opened manner.
- ✓ To create a single European Virtual Transport Research Institute

## *2- Mission statement and objectives*

- ✓ To promote actively the cooperation of surface transport research and participate to the creation of the European Research Area
- ✓ To take part in the integrating of the European Research Area by preparing networks of excellence
- ✓ To take part in the structuring of the European Research Area by networks of mobility and training, and by research infrastructures initiatives
- ✓ To provide a platform of exchange for the development of research networks
- ✓ To stimulate the participation of the members of the group in European R&D projects in the field of transport
- ✓ To be an « independant advisor »

### *3 – Statutes, agreement and M.O.U.*

- ✓ ECTRI : international non-profit French association governed by statutes and cooperation agreement, 2003
- ✓ The cooperation agreement allows to have other partners in the projects supported by ECTRI and treats IPR common rules
- ✓ For countries where the surface transport research community is complex there is a M.O.U. to apply to ECTRI

## *4- 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

## *4- Membership (2)*



**Countries with ECTRI members**



**Countries where membership is  
in discussion**





## *5- Membership fees*

- ✓ ECTRI is opened to new members from Eastern and Western Europe
- ✓ Incentive for Eastern Countries : 1000 Euros
- ✓ Western Countries : 10 000 Euros

## *6- Membership criteria*

- ✓ To commit to the ECTRI statutes both in English and French versions
- ✓ To commit to the ECTRI cooperation agreement
- ✓ To commit to the ECTRI fees level
- ✓ To be carrying out surface transport research at least in two modes
- ✓ To be national transport research institute; if there is no official national transport research institute, the applicant has to be a national hub of transport research teams in its country at the academic level (M.O.U.)

# 7 – *Working methods*

## 1/ Board

## 2/ Working Groups

- ✓ WG1 - **Internal communication issues** : *INRETS*, AVV, DLR, FHG-IVI, TRL, TNO, HIT, VTT, CDV
- ✓ WG2 – **Mobility and training** : *DTF*, INRETS, POLITO, CDV, VTI, UPM, DLR
- ✓ WG3 – **Research facilities issues** : *TNO*, INRETS, CDV, FHG-IVI, POLITO, VTI, TRL, DLR, HIT
- ✓ WG4 - **Other research infrastructure issues** : *DLR*, KTI, CDV, INRETS, VTI
- ✓ WG5 - **Joint program activities** : *AVV*, VTI, TRL, INRETS, KTI, DLR
- ✓ WG6 – **Strategic vision and transport system of the future** : *HIT*, AVV, VTI, INRETS

## 7- Working methods (2)

### 3/ Task Forces

- ✓ **HUMANIST** : *INRETS*, TNO, AVV, HIT, CDV, VTT, UPM, FHG-IVI, POLITO, TOI, BAST
- ✓ **APSN** : *TNO*, TRL, VTI, KTI, POLITO, UPM, TOI, BAST, HIT
- ✓ **EUR<sup>2</sup>EX** : *INRETS*, DTF, DLR, FHG-IVI, TRL, HIT, CDV, UPM, AVV, VTI, VTT
- ✓ **TRANSPOLYS – TRANSFORUM** : *AVV*, TRL, DTF, POLITO, UPM, DLR, VTT, KTI, HIT, TOI, TNO
- ✓ **6th FRDP projects and network management (UNECA)** : *INRETS*, VTI, DLR
- ✓ **TRAINALL** : *HIT*, FHG-IVI, CDV, VTI, VTT, INRETS, TNO, DLR, TRL

## 7- Working methods (3)

- ✓ **QUIETER SURFACE TRANSPORT** : *DLR*, INRETS, POLITO, VTI, CDV, VTT, TNO, TRL
- ✓ **STATE OF THE ARTS** : *VTI*, AVV, INRETS
- ✓ **WATCH** : *INRETS*, TOI, POLITO, DLR, DTF, TRL, HIT, CDV, UPM, AVV, VTI, VTT
- ✓ **EST** : *INRETS*, KTI, DLR, POLITO, CDV, TNO, VTI, TRL, UPM
- ✓ **PUTRUM** : *FHG-IVI*, DLR, HIT, UPM, INRETS
- ✓ **INTERFLOW** : *HIT*, INRETS, TRL, AVV, UPM, CDV, POLITO
- ✓ All these task forces can be opened to new partners

## ***8 – ECTRI activities***

***8.1 Strategic paper***

***8.2 Joint Program of Activities***

***8.3 Young Researchers Seminars***

***8.4 European technological platforms***

***8.5 ECTRI FP6 sponsored projects - 100%***

***8.6 Other main FP6 projects with involvement of ECTRI members – 70%***

***8.7 e-safety projects***

***8.8 COST actions***

***8.9 International interfacing***

***8.10 Other ECTRI activities***

## 8.1. Strategic paper

- **Common position** of all ECTRI members that are both competitors and cooperators :
  - Long term vision and missions of ECTRI
  - ECTRI contribution to European Research Area and to FRDPs
  - ECTRI focus on sustainable European Transport system of the future
- **Definition of 5 research areas :**
  - Issues for a sustainable transport system
  - Intelligent transport system (ITS)
  - Traffic and transport safety and security
  - Behavioral and social aspects of traffic and transport
  - Transport economics
- **Horizontal issue :** priorities are approached in a multidisciplinary and system approach way

- **Independent vision** from the one of the **stakeholders** (industry, policy makers and service providers, users, consumers, scientific community, public and private research funding) which concerns the stakeholders themselves as well as **all European or National Institutions**
- Facilitation of the preparation of the **new generation of** transport related **scientists and professionals**
- Having a **research infrastructure at an International level** using both hard and soft research facilities
- **Cooperation forms :**
  - « Clearing house »
  - Connecting professionals
  - Communities of practice
  - Ad hoc cooperation in projects
  - Structured cooperation in projects
  - Structured integration of Networks of Excellence
- **Basic idea : achieving an effective European Transport policy through the creation of a European virtual Transport Research Institute**



## 8.2. *Joint Program of Activities*

- 3 years program mid 2003 – mid 2006
- Need to be supported (issue 9):
  - SSA (for surface transport research)
  - Marie Curie application

### 8.3. *Young Researchers Seminars*

- This is a work on mobility in order to help to the creation of a new generation of researchers (FERSI joins ECTRI)
- Aims : 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)

- The **first Young Researchers Seminar** organized by ECTRI and FERSI was from 16 to 18 December 2003
- **Themes** of 2003 seminar :
  - Environmental issues
  - Economical issues
  - Safety issues
  - Sustainability
- An **award** is given to the best presentation
- The **next one** is in preparation for **end 2004 – beginning 2005** (ECTRI, FERSI and FEHRL would join)

## 8.4. *European technological platforms*

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

## ***8.5. ECTRI FP6 sponsored projects 100%***

### **✓ 3 Networks of excellence :**

- HUMANIST with JRC, FERSI – DG INFSO
- APSN with EEVC – DG RTD
- EUR<sup>2</sup>EX with national rail engineering networks – DG RTD

### **✓ 1 coordination action : TRANSPOLYS- TRANSFORUM**

## ***8.6. Other main FP6 projects with involvement of ECTRI members – 70%***

### **✓ 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**

## 8.7. *e-safety projects*

- **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**
- **STREP EURAMP** – traffic management
- **STREP EASYS**

## 8.8. *COST Actions*

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

➤ *EST*

➤ *AMTM*



## 8.9. *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 revue

## 8.10. ECTRI other activities

- ✓ First report of the Working Group 3 (hard research infrastructure)
- ✓ Participation in the writing of UNECA : Unified Network of Excellence Consortium Agreement
- ✓ Management issues

# ***9- Specific Support Action and Marie Curie applications***

## ***9.1. SSA***

- ***Realizing the Surface Transport European Research Area***
  - Preparation and follow up on 6th FRDP (support for NoE)
  - Exchange forum
  - Common management issues
  - Participation to technological platform
  - Electronic collaborative platform
  - Incentive on stimulation on new memberships
- ***Promoting candidates countries' participation***
  - Incentive on stimulation on new memberships
  - Electronic collaborative platform
- ***Stimulating International interfacing***
  - Relations with USA, Canada, Japan, Korea, Australia
  - Relations with India, China, Russia, Ukraine
- ***Stimulating dissemination and exploitation of results***
  - State of the Art report
  - International Review

## ***9.2. Marie Curie***

- ***Research Training networks***
- ***Events, early stage training***
- ***Transfer of knowledge between West and East***

Thank you  
for your attention

