



ECTRI's role in the structuration of the Transport European Research Area

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Content

Brief presentation of ECTRI, the European Conference of Transport Research Institutes

First assessment and ECTRI projects on road issue

The example of MOV'EO Competitiveness Cluster



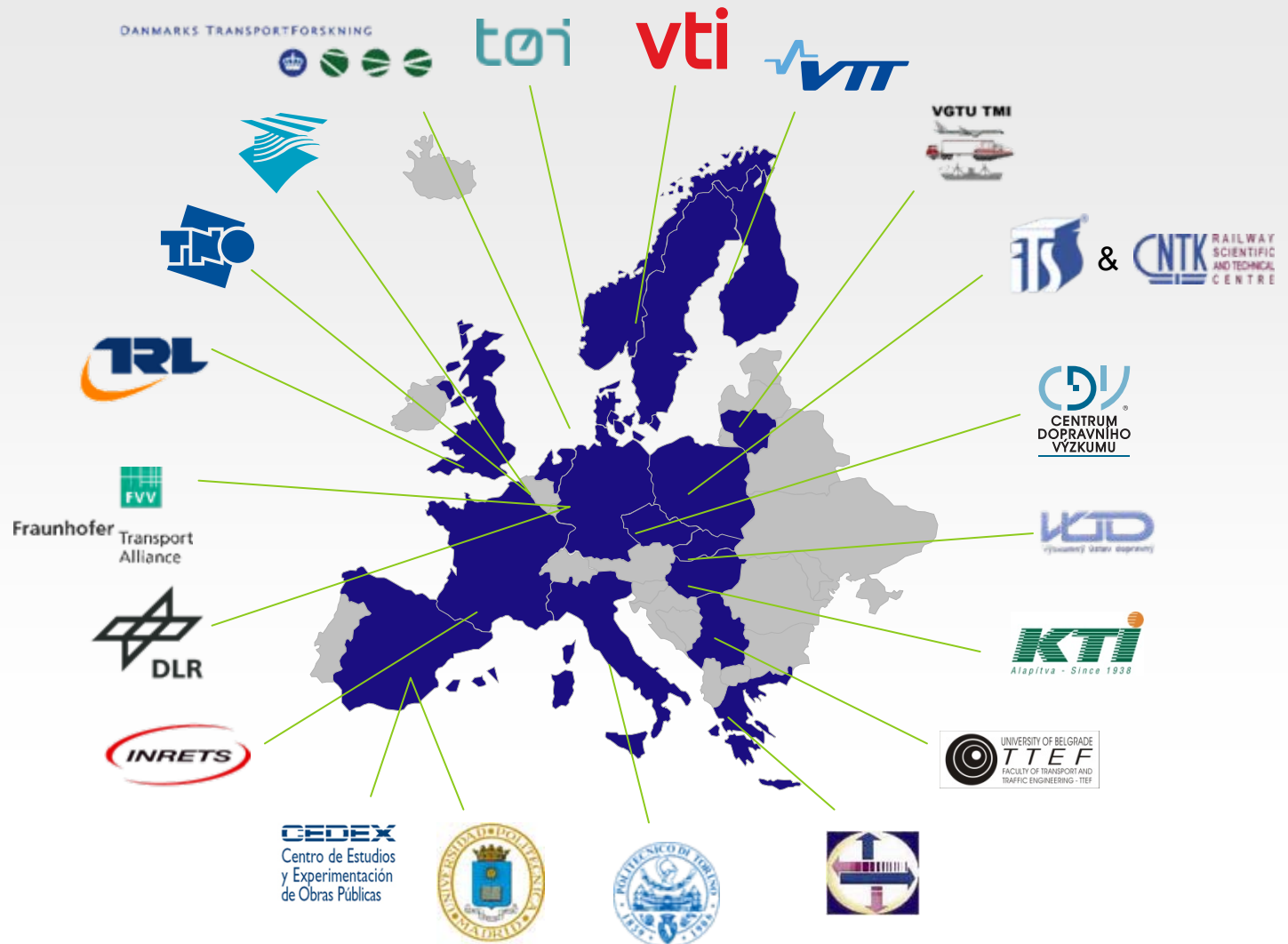
ECTRI origin

Idea launched in 2001

Established in 2003 as a non-profit association registered in France

Brings together 20 major transport research institutes or universities from 17 European countries active in at least bi-modal research

ECTRI members



Traffic sector activities



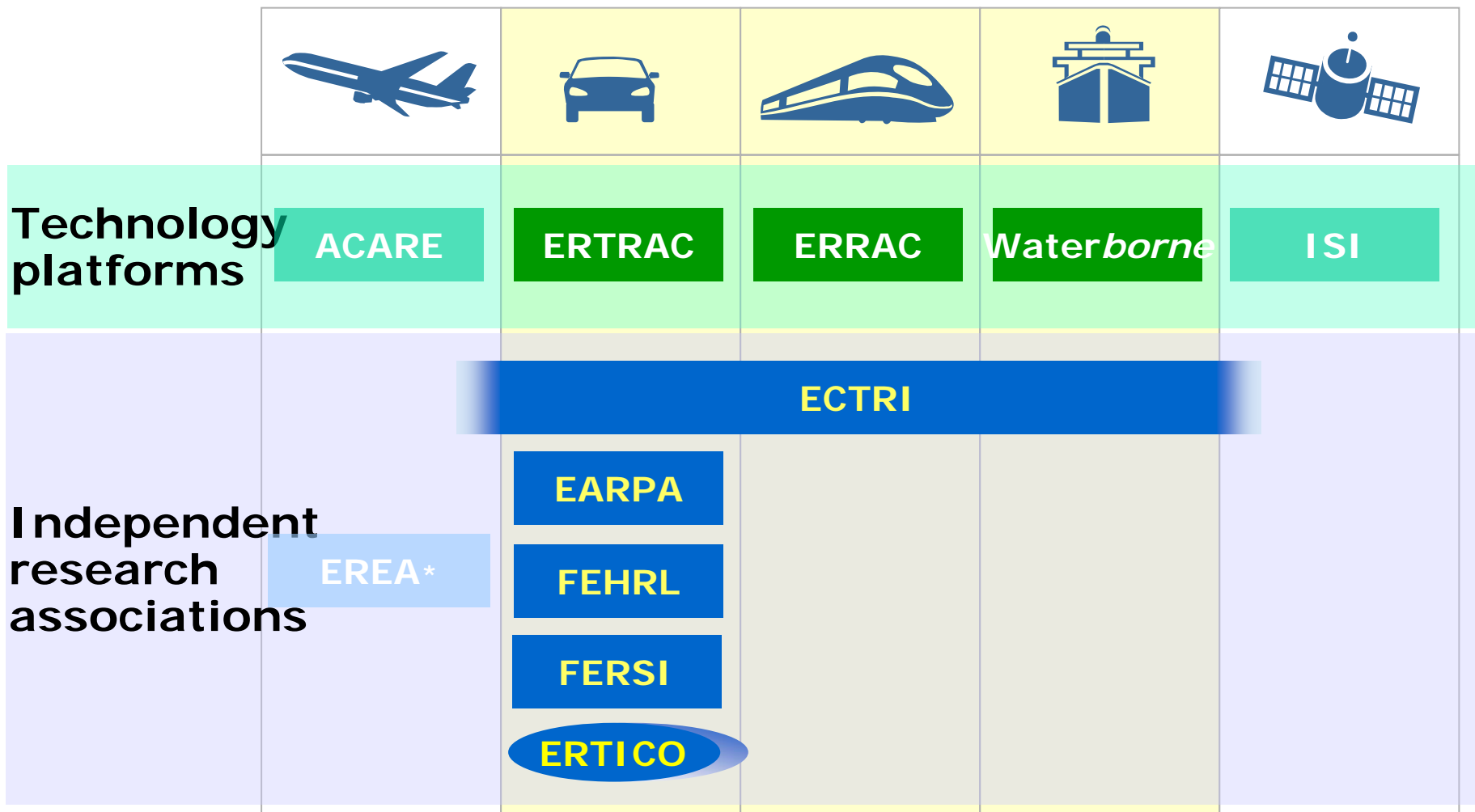
	AVV	CDV	CEDEX	DLR	DTF	FhG-FVV	HIT	INRETS	ITS & CNTK	KTI	POLITO	TNO	TØI	TRL	TTEF	UPM	VTI	VTT	VG TU TMI	VÚD	
Road Transport																					
Rail Transport																					-
Waterborne Transport											-										
Air Transport								-				-									
Cross Cutting Work																					

- marginal

Fields of Expertise

	AVV	CDV	CEDEX	DLR	DTF	FhG-FVV	HIT	INRETS	ITS & CNTK	KTI	POLITO	TNO	TØI	TRL	TTEF	UPM	VTI	VTT	VGTM TMI	VÚD
Freight Transport & Mobility & Travel																				
Modeling																				
Passenger Transport																				
Safety & Security																				
Transport & Economics																				
Transport & Ergonomics																				
Transport & Telematics																				
Transport & Transport Infrastructure																				
Transport System																				
Vehicle Technology																				

ECTRI in the Transport Research Arena



ECTRI objectives

To contribute to the integration of transport research within the European Research Area (ERA) through cooperation in: thematic and process oriented working groups, task forces, Framework program projects, seminars

To promote coordinated and high quality transfer of know-how in the field of transport within the ECTRI Community

To provide a platform of exchange for the establishment and development of research networks

To be an independant intellectual body able to advise on key policy issues

ECTRI process oriented Working groups

Mobility and training

- Promotion of human resources and mobility i.e. Young Researchers Seminar (jointly with FERSI and FEHRL associations) and Marie Curie actions

Hard research facilities

- Integrated transport research facilities initiative

Soft research infrastructures

- Development of a web-based database containing basic information on all ECTRI's institutes like contact people, main research activity areas, libraries and datasets

ECTRI Thematic Working groups

Working group on Urban Mobility

- Objective: preparation of a strategic research agenda on urban mobility and definition of a work programme
- Main achievements: publication of URBAMOVE SRA in June 2005, participation in EURFORUM (FP6 project), input to the EC green paper on Urban Transport in April 2007

6 new Thematic Working Groups recently set up

- Traffic Safety & Security
- Energy and Climate Change
- Freight transport
- Intelligent Transport Systems and Intelligent Infrastructures
- Mobility (socio-economic, demographic)
- Transport Economics and Policy

First assessment and ECTRI projects on road issues

ECTRI members involved in 67 projects within FP6, 19 of those concern roads issues:

- 2 NoE (HUMANIST and APSN)
- 6 IP (APROSYS, SafetyNet, PREVENT, AIDE, SILENCE, DRUID)
- 7 STREP (NR2C, IN-SAFETY, RIPCORDER, RANKERS, INTRO, CAST, PEPPER)
- 2 CA (CONNECT, BESTUFS II)
- 2 SSA (SAFECOS 05 & SAFECOS 07)

Projects related to safety, sustainability, ITS and behavioral issues



Exemple of MOV'EO Competitiveness cluster

Call for tender launched in 2005 by French government in order to identify competitiveness clusters/poles

Aim: to develop research, development, innovation and training activities on a determined economic sector

→ Should result in creating new activities and hence jobs

65 clusters identified, including 10 in the field of transport

MOV'EO: most significant cluster with activities on 4 strategic action domains (SAD): energy and environment, road safety, mobility and services, and mecatronics

Tracks and associated test means

Test tracks of Versailles-Satory: core part of MOV'EO, in particular for 'Road safety' and 'Mobility and services' SAD



Tracks used in major events:

- IV2002 and ARCOS final event in 2004
- IP PREVENT exhibition, hosting eSafety Forum plenary meeting and the i2010 intelligent car 2007 event by the European Commission, September 18-22, 2007





Presentation of tracks and test means

3 types of tracks representing a 15 Km network with large diversity: experimental sections of motorway, highway rural infrastructures; driveways, outlet hands... in 3D geometrical description

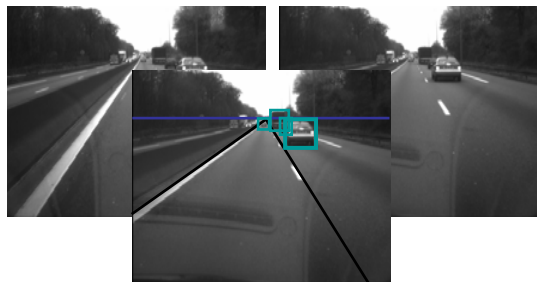
Developed in progress with material modifying the 'superstructure'

Equipped and completed with additional experimental devices

Implementation of test benches on track land

Exemples de research projects in progress in MOV'EO

DO30



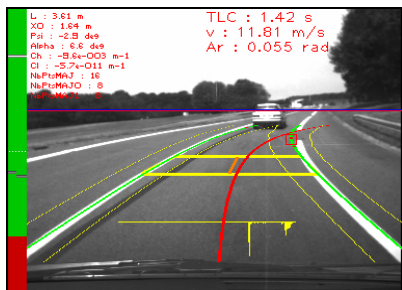
- Objective: study of stereovision method to enable short and middle range obstacles detection for collision avoidance and decrease of high speed crashes severity
- Partners: INRETS-LCPC (LIVIC), renault, PSA, Valéo and CEA

ANGO



- Development of an aid to longitudinal guidance for buses of TEOR type
- Partners: Veolia transport, Siemens, INRETS...

PREVENSOR



- Prevent ram off roadway accident
- Partners: CNRS, INRETS-LCPC, Renault, PSA



Thanks for your attention

Further information: www.ectri.org