



ACTIVITIES REPORT 2006



29 March 2007

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ECTRI members list in December 2006



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CDV—Transport Research Center
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CEDEX—Centre for Studies and Experimentation
of Public Works
Alfonso XII, 3
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DLR—German Aerospace Center
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DANMARKS TRANSPORTFORSKNING



DTF—Danish Transport Research Institute
Winterfelds Allé
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FHG-FVV—Fraunhofer-Transport Alliance
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HIT—Hellenic Institute of Transport
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INRETS—French National Institute for Transport
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KTI—Institute for Transport Sciences
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POLITO—Polytechnic University of Torino
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TRL—Transport Research Laboratory
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TTEF—University of Belgrade
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UPM—Polytechnic University of Madrid
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VG TU-TMI—Vilnius Gediminas Technical University
Transport Research Institute
Plytinės g. 27
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VTI—Swedish National Road and
Transport Research Institute
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VTT—Technical Research Center of Finland
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VÚD—Transport Research Institute
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Ce rapport est le rapport moral de l'Association ECTRI pour l'exercice se terminant le 31 décembre 2006

Table of content

Introduction	7
<u>I – The 2003 strategic vision implementation in 2006</u>	8
<i>Contributing to the building of the European Research Area.....</i>	8
<i>... and the Common Transport Policy</i>	8
<i>Looking ahead</i>	8
<i>Membership</i>	9
<i>The Joint Programme of Activities for 2006-2008</i>	10
<i>Budget 2005 and 2006.....</i>	10
<i>Memorandum of Understanding between ECTRI and the US Transportation Research Board</i>	10
<u>II – ECTRI as a research community without boundaries in 2006</u>	11
<i>ECTRI presence on Conferences</i>	11
<i>Institutional life of the association.....</i>	12
<i>Evolution of ECTRI Working Groups and Task Forces.....</i>	13
<i>Ongoing activities</i>	13
<i>... and new ones.....</i>	13
<i>Implementation of the NET-TRACK project.....</i>	14
<i>Launching of the EURFORUM project.....</i>	15
<u>III – ECTRI as a content research joint development organisation in 2006.....</u>	16
<i>The ECTRI members' presence in retained 6FRDP projects.....</i>	16
<i>2006 ECTRI reports and deliverables.....</i>	20
<i>2006 ECTRI presentations.....</i>	20
<i>2006 ECTRI Newsletters</i>	20

Introduction



During 2006 ECTRI has strengthened its position as a body of excellence in European Transport Research and further promoted its recognition among its peers both in Europe and the world.

Although the signing of the MoU of cooperation between ECTRI and the US/TRB was perhaps the culmination of these trends in 2006, a number of other Activities were of equal importance.

Our current 3-year Activity Plan speaks for itself of this and of the great potential that our Association has for the future.

From the 2006 Activities Report that you are about to read one realizes that:

ECTRI is now recognized as the leading “player” in European Transport Research.

The EU Commission services and the Commissioner for Research place considerable confidence in ECTRI as a body of independent unbiased opinion on transport research matters.

The same attitude is expressed by the systematic and open exchanges between ECTRI and other European Organisations in our field most notably FEHRL, FERSI, EARPA, and the European Technology Platforms ERTRAC, and ERRAC.

The ECTRI members are the single most numerous research force participating in EU research projects in both the 6th and hopefully soon the 7th FP.

The many contributions that ECTRI has made to the formulation of the relevant EU research and policy documents are having an impact on the final shape of the relevant EU programmes and activities.

I am confident that the ECTRI Association will continue its upward trend in the future and will further exploit the capabilities and excellence of its members for the benefit of all transport research in Europe.

Prof. G.A. Giannopoulos
ECTRI President until January 27th, 2007

I—The 2003 strategic vision implementation in 2006

Contributing to the Building of the European Research Area

ECTRI pursued in 2006 its endeavor to support what is stated in the ECTRI strategic vision as an “overwhelming need for concertation, coherence, and integration in European transport research”.

2006 was the year where the 7th Framework Programme (FP7) took its definitive shape through the drafting of the Work Programmes. ECTRI saw it as a challenge and responsibility to offer its ideas during this process. Our main effort was devoted to the drafting of three documents addressing the Transport, Information and Communication Technologies programmes. They further developed concepts submitted in 2005 as contributions to the Specific Programmes.

ECTRI was involved, together with key stakeholders, to the DESCA initiative which aims at setting up a modular consortium agreement for the Seventh Framework

Programme (FP7).

Specific contributions of ECTRI to FP7 were given through the ERRAC, ERTRAC and eSafety platforms and the APSN, EURNEX and HUMANIST *Networks of Excellence*.

ECTRI views COST as an important research body complementing with its bottom-up approach the instruments developed by the FP's. ECTRI's commitment to COST is symbolized by the continuation of the involvement of ECTRI representatives in the management of COST. Prof. Cristina Pronello was elected Chairwoman of the newly formed Domain Committee “Transport and Urban Development”, replacing Dr. Josef Mikulik as the Chairman of the former Technical Committee of Transport acting together with Willy Diddens as the Vice-Chairman.

The work of the ECTRI institutes is deeply involved in advising national policy bodies. ECTRI was therefore able to offer its comments to three major transport policy documents published by the Commission in 2006:

- the Mid-term review of the White Paper European Transport Policy for 2010: Time to decide: “Keep Europe moving – sustainable mobility for our continent”,

- “Consultation document on logistics for promoting freight intermodality”,
- “Consultation document on Road infrastructure safety management on the Trans-European Networks”.

... and the Common Transport Policy

Looking ahead

ECTRI maintained its working relations with the European Commission all through the year 2006. These contacts led to the invitation which took place at

the beginning of 2007 of the newly elected Board of ECTRI by the Commissioners Potočník and Barrot.

Membership

ECTRI was created by the National Transport Research Institutes from 15 European countries including 13 Institutes from Western countries and 2 from Central countries.

In 2006, ECTRI was composed of 20 Transport Research Institutes (or Universities) from 17 countries as follows:

- **AVV** (Transport Research Center, Ministry of Transport, Public Works and Water Management - Ministerie van Verkeer en Waterstat, Rijkswaterstaat adviesdienst Verkeer en Vervoer), the Netherlands
- **CDV** (Transport Research Center - Centrum Dopravního Výzkumu), Czech Republic
- **DLR** (German Aerospace Center - Deutsches Zentrum für Luft und Raumfahrt), Germany
- **DTF** (Danish Transport Research Institute - Danmarks Transportforskning), Denmark
- **FHG-FVV** (Fraunhofer-Transport Alliance - Fraunhofer Gesellschaft Zur Förderung Der Angewandten Forschung e.V. with its Verbund Verkehr Institut), Germany
- **HIT** (Centre for research and Technology Hellas (CERTH) – Hellenic Institute of Transport), Greece
- **INRETS** (French National Institute for Transport and Safety Research - Institut National de Recherche sur les Transports et leur Sécurité), France
- **ITS** and **CNTK** (MoU) (Motor Transport Institute - Instytut Transportu Samochodowego & Railway Scientific and Technical Centre - Centrum Naukowo-Techniczne Kolejnictwa), Poland
- **KTI** (Institute for Transport Sciences - Közlekedéstudományi Intézet Rt), Hungary
- **POLITO** (Polytechnic University of Torino - Politecnico di Torino), Italy
- **TNO** (Netherlands Organisation for applied Scientific Research), the Netherlands
- **TØI** (Institute of Transport Economics - Transportøkonomisk Institutt), Norway

- **TRL** (Transport Research Laboratory Limited), United Kingdom
- **TTEF** (University of Belgrade, Faculty of Transport and Traffic Engineering, Traffic Engineering Division), Serbia
- **UPM** (Polytechnic University of Madrid - Universidad Politecnica de Madrid), Spain
- **VGTU-TMI** (Vilnius Gediminas Technical University, Transport Research Institute - Vilniaus Gedimino Technikos Universitetas, Transporto Mokslo Institutas), Lithuania
- **VTI** (Swedish National Road and Transport Research Institute - Statens Väg-och Transportforskningsinstitut), Sweden
- **VTT** (VTT Technical Research Centre of Finland - Valtion Teknillinen Tutkimuskeskus), Finland
- **VÚD** (Transport Research Institute - Výskumný Ústav Dopravný, a.s.), Slovakia

During 2006, a number of actions have been launched by the Board and the Secretariat in order to encourage new memberships to ECTRI, notably through the NET-TRACK project.

One new member officially entered ECTRI which is **CEDEX** (Centre for Studies and Experimentation of Public Works - Centro de Estudios y Experimentación de Obras Públicas) from Spain.



The Joint Programme of Activities for 2006-2008

The Joint Programme of Activities (JPA) forms the backbone of the Cooperation in ECTRI. It includes all the major initiatives to be undertaken in the coming 3-year period. The Assembly approved it in its spring session. It aims at consolidating the networks and activi-

ties of the first JPA on the one hand and deepening the cooperation of its members on the other hand. For this purpose the development of new working groups and *communities of practice* has been decided.

Budget 2005 and 2006

The final accounts for 2005 were approved at the spring Assembly of Torino in April. The draft budget for 2006, approved in autumn 2005 in the Madrid Assembly, was amended at the Helsinki Assembly in November to take into consideration the incidence of

both EC contracts and personnel (engagement of staff in the secretariat). At the same meeting the draft budget for 2007 was approved and a first discussion on a possible new fee structure was held.

Memorandum of Understanding between ECTRI and US Transportation Research Board

On January 22nd 2006 a Memorandum of Understanding (MoU) was signed between the Transportation Research Board (TRB) of the United States and ECTRI. This MoU was concretized in an action plan of 10 points:

1. ECTRI-TRB International Scanning Tour
2. Participation of TRB selected researchers in Young Researchers Seminars
3. Publishing of an informative article on ECTRI in TRNews
4. Active participation of ECTRI members in the TRB committees
5. Active participation of ECTRI in Annual Session 2007
6. Information exchange on both U.S. and European sides
7. Strengthening of the U.S. participation in COST projects
8. Building up research cooperation possibilities between U.S. and European research bodies by exploring the means of the EU Framework Pro-

grammes and of the corresponding U.S. research programmes (e.g. NSF programmes, TCRP, NCHRP, etc.).

9. Proposing a European flavour (Special Europe session or key-note European Speaker in other session) in next TRB Annual meetings
10. Working Group (WG) on EU/US transport research coordination activities

This action plan was further developed during a session of the TRB International Committee in July in La Jola, California.

It also resulted in the invitation of ECTRI members to participate in the first ECTRI/TRB International Research Roundtable held in conjunction with the 2007 TRB Annual Session in Washington, in order to commemorate the anniversary of the ECTRI/TRB Memorandum of Understanding.



Pr George Giannopoulos, ECTRI President and Robert Skinner, Executive Director of US TRB signing the Memorandum of Understanding

II—ECTRI as a research community without boundaries in 2006

ECTRI presence in Conferences

In the course of 2006 ECTRI was present in 5 major conferences:

TRB 85th Annual Meeting

Washington DC, USA, 22nd to 26th January 2006



George Giannopoulos and Jean-Pierre Médevielle on the ECTRI booth

ECTRI was present at the TRB exhibition that was held at the Marriott Wardmann Park Hotel from 23rd to 25th January. The main theme of this exhibition was about the launching of the 50th anniversary of the Eisenhower Act creating the National Highway Systems in the

USA. The ECTRI booth was well located in the row of many US DOT or USACE administrations dealing with research. The ECTRI booth had a lot of success during the three days and over 700 presentation leaflets of ECTRI were distributed, as well as individual presentations of the members.

Transport Research Arena (TRA)

Gothenburg, Sweden, 12th to 15th June 2006

The Transport Research Arena (TRA) 2006 Conference took place in Gothenburg, Sweden, from 12th to 15th June 2006 on the theme "Cleaner, safer and smarter road transport for Europe". It focussed on the implementation of the European Research Area in support of a sustainable, more efficient and safer road transport system in Europe. The event was organised jointly by the European Commission, the European Road

Transport Research Advisory Council (ERTRAC), and the Conference of European Directors of Roads (CEDR). The ECTRI booth was successfully manned by Tarja Magnusson from the VTI Institute in Sweden. ECTRI's President, Georgios Giannopoulos, made a presentation on "Road transport contributing to a sustainable society: Vision for the Future" within the plenary session 3 held on June 13th entitled "Road Transport Contributing to a Sustainable Society". Claudia Nobis from DLR, Germany, made a presentation on "URBAMOVE - Urban Mobility Initiative" (ECTRI document issued in May 2005) in the session called "Integrated Mobility Management, part 1".



ECTRI booth in TRA exhibition

European Transport Conference (ETC)

Strasbourg, France, 18th to 20th September 2006

The European Transport Conference (ETC) took place in Strasbourg, France, on 18th to 20th September 2006. ECTRI had booked a stand which was manned by Customer Manager Mikko Malmivuo from the VTT Institute in Finland, again as a contribution in kind towards ECTRI association. There were 388 participants. The opening plenary session was given by Zoltán Kazatsay, Deputy General Director, Transport and Energy Directorate-General of the European Commission. Daily plenary sessions were followed by seminars, which were grouped into two major strands:

- Transport Policy and Operations,
- Research to improve Decision- Making in Transport.

*World Congress and Exhibition on ITS**London, United Kingdom, 8th to 12th October 2006**ECTRI Booth in ITS exhibition*

The 13th World Congress and Exhibition on Intelligent Transport Systems and Services was held at ExCeL London on 8th to 12th October 2006. There were 270 exhibitors; 8,000 delegates/visitors from 75 different countries attended. Issues ranged from technical and technological aspects to implementation experiences as well as economic, organisational and societal aspects of ITS. There were Plenary Round Tables and different sessions: European Commission, Strategy, Technical, a Discussion Corner and Technical Visits. ECTRI hired a booth, manned by people from the TRL institute, where a number of brochures and information were available.

ECTRI welcomed in 2006 its 20th member, Centro de Estudios y de Experimentación de Obras Públicas (CEDEX) established in Madrid (Spain).

The 2 yearly meetings of the Assembly were held (a) in spring at the headquarters of POLITO in Torino, Italy (b) in autumn at VTT in Helsinki, Finland.

Besides the well-established Board meetings before and after the Assembly, the Board had three other meetings, one in Lyon and two in Brussels.

The main event of the year for ECTRI was the election of the new Board that took place during the Assembly Meeting of Helsinki on November 21st. The following people were elected:

*OECD-ECMT Symposium**Berlin, Germany, 25th to 27th October 2006*

The Symposium on Transport Economics and Policy, organised every three years, was held in Berlin on 25th-27th October 2006. The focus was on issues associated with globalization, mobilization and transport. It brought together government representatives, high-ranking officials and experts from universities, research institutes, consultancy services, transport stakeholders and international organisations. The opening remarks were made by the German Federal Minister for Transport, Building and Urban Affairs, Wolfgang Tiefensee, followed by six sessions and plenary discussions. The OECD/ECMT invited ECTRI to have a stand. Angelika Schulz from the DLR Institute in Germany was present on the booth where she provided and disseminated information and brochures on ECTRI.

*The German Federal Minister for Transport, Building and Urban Affairs, Wolfgang Tiefensee, visiting the ECTRI booth in OECD/ECMT exhibition.**Institutional life of the Association***President:** Guy Bourgeois, INRETS**Vice-President:** Josef Mikulik, CDV**Secretary:** Dietmar Wurzel, DLR**Treasurer:** Cristina Pronello, POLITO-DITIC**Member:** Hans Jeekel, AVV**Member:** Lasse Fridstrøm, TØI**Member:** Niels Buus Kristensen, DTF

This Board enters into force on January 27th, 2007.

Evolution of ECTRI Working Groups and Task Forces

Ongoing activities

...and new ones

In 2006 the existing Working Groups (WG) continued their work.

Some highlights are:

- WG2: a document has been prepared by Cristina Pronello regarding the possible WG2 activities and proposals regarding the programme PEOPLE of FP7
- The next Young Researchers Seminar (YRS) will be organised by CDV in Brno, Czech Republic, from 28th to 30th of May 2007. The process of the YRS '07 (call for papers and tutors nominations) was launched by the CDV in August 2006, with the support of the ECTRI Secretariat. The Steering Committee evaluated the received abstracts, developed the thematic structure of the programme and allocated selected authors to their tutors.
- WG4 organized a Workshop introducing the internal ECTRI database on soft research infrastructures. It was held on 9th of May in Brno at INRETS Centre. 'Content managers' from 14 Institutes attended. FEHRL and FERSI were invited but could not participate. The main purposes of this workshop were a "General Introduction to Database - Vision & Examples", the "Content & Structure of the Database", "Editorial Tasks & Maintenance Issues", "Validation Issues" and the next steps and support.

An important initiative was taken by ECTRI regarding the setting up of a European Electronic Journal. A team led by INRETS reached several milestones, i.e. determination of the scientific classification, definition of the tasks of the Editorial and Advisory Board leading to letters calling for candidates for both boards. The team has also worked on the functional call for tender for targeted service providers to be launched in early 2007.

A new cooperation instrument was introduced in 2006 aiming at achieving cooperation between ECTRI members in an easy accessible way. AVV took the initiative to launch a community of practice on economic evaluation. 9 institutes joined this initiative and are working on a joint document laying the foundations of the cooperation by making an overview of finished and ongoing work and of their ambitions.

A working Group on EU/US transport research coordination activities was set up in the frame of the ECTRI/TRB action plan. About 10 individual representatives from ECTRI organisations joined this WG. The scope of this Group is (broadly speaking) to discuss the current themes and priorities in transport research in both sides of the Atlantic, establish existing gaps and similarities, and determine common needs on the basis of both the emphasis and priorities that exist today in both sides but also on the basis of the expected benefits or added values and prospective synergies. The group is expected to come up with a short report on future transport research needs (i.e. themes, priorities, expected time schedules, etc) between EU and the US.



The NET-TRACK project (NETworking Transport ReseArch Resources, Competencies and Knowledge within the new boundaries of European Research Area) aims at contributing to the realisation of the European Research Area (ERA) in the field of surface transport by involving leading research institutes from New Member States (NMS), Acceding Countries (AC) and Western Balkan Countries (WBC) in current European research efforts, specifically in research management and in soft research infrastructures issues.

The NET-TRACK workshop on Research Management took place on 22nd and 23rd June 2006 in Budapest, Hungary. The objectives of this workshop were to learn from each other's research management skills and traditions, to exchange and transfer experiences in the field of programme and project management.

The workshop lasted one day and a half. It was free of charge. The first day dealt with the general aspects of

Implementation of the NET-TRACK project

research management with a focus on the organisation of the research activities within a research institute, the funding of research, the scientific moderation of a research institute, the value given to research. The second half-day focused on the European projects related aspects such as the characteristics of the European Framework Programme projects and cohesion funds, the preparation and participation in European research projects, and the management of project. At last there was a total of 7 sessions with 9 speakers.

The 25 participants attending were Executive Officers, Programme Managers, Senior Researchers from New Member States, Acceding Countries and Western Balkan Countries Institutes specialised in transportation.

The partners also started working on the organisation of the second workshop on "Soft Research Infrastructures" which is scheduled in March 2007. The kick-off meeting was held in Brno, Czech Republic, on 16th October 2006. At the same time, the Mid-term project assessment meeting was held at CDV headquarters.

<http://www.ectri.org/nettrack>



*Workshop on research management
22 and 23 June 2006, Budapest
Guy Bourgeois, INRETS, Chair of the first Day Sessions*



*Workshop on research management
22 and 23 June 2006, Budapest
Presentation by Josef Palfalvi, KTI, Hungary*



*Workshop on research management
22 and 23 June 2006, Budapest
Dinner*



ECTRI is involved with 6 other partners (UITP, (Coordinator), TUD, CERTU, ASSTRA, POLIS, EMTA) in the EURFORUM project, a Coordination Action funded by the EC under

its 6FP. The objective of EURFORUM is to create a forum at the European level, effectively representing stakeholders of European research on urban mobility, including representatives of local authorities, public transport associations, research bodies, etc. It will focus on a better and more innovative coordination of research serving urban mobility of people and goods. This forum will provide recommendations for the coordination of European research on urban mobility issues in order to:

Implementation of the EURFORUM project

- help structure the supply side of European research in this field;
- pave the way to make Europe a real competitive global player in the field of urban mobility;
- reduce the overall cost of urban mobility;
- increase the attractiveness of public transport, walking and cycling, while encouraging a more rational use of motorised traffic.

EURFORUM covers all private and public transport modes and focuses both on technology-oriented and on policy-oriented research. The project pays special attention to urban mobility challenges in the New Member States.

<http://www.eurforum.net>

III—ECTRI as a content research joint development organisation in 2006

The ECTRI members' presence in retained 6FRDP projects

The results of the involvement of ECTRI members in 6th FRDP retained projects led by ECTRI members, industry (industrialists or operators), other academia members, or public bodies shows concretely the adequation of the ECTRI Strategic Paper, the good knowledge by ECTRI members of all European surface transport research stakeholders and also its will to participate in the restructuration of the European Research Area and the European Research and Innovation Area and in the surface transport domain.

The projects are identified by type of 6th FRDP's instruments i.e. **networks of excellence (NoE)**, **integrated projects (IP)**, **coordination action (CA)**, **specific targeted research projects (STREP)**, **specific support action (SSA)**, **Marie-Curie projects**.

The projects are related to the following thematic: Intelligent Transport System (ITS) including eSafety and others, Economy, Behavioural, Sustainability (including energy and environment), Safety–Security, System of the future; and to the following transport modes: Rail, Road, Maritime, All surface transport, Air, Multimodal.

The following list updated on 31 December 2006 is focused on the 6th FRDP.

eSafety projects

NoE HUMANIST: Human Centred design for Information Society Technologies: 22 partners including INRETS (ERT is the co-ordinator), CERTH/HIT, CDV, DTF, TNO, TØI, VTT, VTI, UPM, TRL

NoE APSN: Advanced Passive Safety Network: 53 partners including TNO (co-ordinator), FHG, INRETS, TRL

IP APROSYS: Advanced Protective Systems: 47 partners including TNO (co-ordinator), TRL, FHG, POLITO,

UPM, INRETS

IP SafetyNet: The European Road Safety Observatory, An Information System to support road safety policy in Europe : 22 partners including INRETS, CDV, TØI, KTI, TNO, TRL

IP PREVENT: PReVENTive and Active Safety Applications: 51 partners including AVV, CERTH/HIT, INRETS, FHG, TNO, TRL, VTT

IP AIDE: Adaptive Integrated Driver-vehicle interface: 28 partners including INRETS, TNO, VTT, VTI, CERTH/HIT

IP GST: Global System for Telematics: 49 partners including TNO

IP SAFESPOT: SAFE COOPERATIVE DRIVING "Smart Vehicles driving on Smart Roads", TNO and HIT are involved.

IP CVIS: Cooperative vehicle-infrastructure systems: 63 partners including INRETS LCPC, TNO and DLR

STREP EURAMP: European Ramp Metering Project: 16 partners including AVV, INRETS

STREP TRACKSS: Technologies for Road Advanced Co-operative Knowledge Sharing Sensors: 14 members including INRETS, KTI, CDV, TRL and DLR.

STREP TRACE: Traffic Accident Causation in Europe: 15 partners including INRETS, TNO, CDV and TRL

STREP e-IMPACT: Socio-Economic assessment of stand-alone and co-operative Intelligent Vehicle safety systems: TNO is coordinator and VTT is involved.

STREP GOOD ROUTE: Dangerous goods vehicles routing monitoring and enforcement; 15 partners including HIT and UPM

SSA eSafety support: 4 partners including VTT

Other ITS

STREP INTRO: Intelligent Roads: 11 partners including VTI (co-ordinator), TRL, INRETS

IP SENSATION: Advanced sensor development for attention, stress, vigilance & sleep/wakefulness monitoring: 42 partners including CERTH-HIT (co-ordinator), UPM, VTI, VTT

IP ASK-IT: Ambient Intelligence System of Agents for Knowledge-based and Integrated Services for E&D Users: 45 partners including VTT, CERTH-HIT, UPM

Safety

STREP IN-SAFETY: Infrastructure and safety: 30 partners including CERTH/HIT (co-ordinator), CDV, KTI, TØI, VTI

STREP RIPCORD: Road infrastructure safety protection-core research and development for road safety in Europe: TØI, CDV, HIT, KTI

STREP RANKERS: Ranking for European Road Safety: 17 partners including CDV

SSA SAFECOS05: Safety Competition for students: INRETS

SSA SAFECOS07: Safety Competition for students: INRETS

CA CAATS: Cooperative Approach to Air Traffic Services: 14 partners including CDV

IP DRUID: Driving under the Influence of Drugs, Alcohol and Medicine: 36 partners including DTF, HIT, INRETS, MTI, TNO, VTI, CDV, TØI

Economy

CA TRANSFORUM: Scientific Forum on Transport Forecast Validation and Policy Assessment: 9 partners including AVV (co-ordinator), VTT, UPM, TNO, CERTH-HIT, TRL, CDV, INRETS

SSA HEATCO: Developing Harmonised European Approaches for Transport: 13 partners including VTI, TNO

STREP ENACT: design of contractual relationships in

financing transport infrastructure: 11 partners including FHG and CDV

Environment

IP SILENCE: Quieter Surface Transport : TRL, TØI, VTI

STREP SEFA: Sound Engineering for Aircraft: 20 partners including DLR and INRETS

IP QUANTIFY: Quantifying the Climate Impact of Global and European Transport Systems: 34 partners including DLR (co-ordinator) and KTI.

CA STEPS: Scenarios for the Transport System and Energy Supply and their Potential Effects: 14 partners including UPM

CA GRACE: Generalisation of Research on Accounts and Cost Estimation: VTI is member of the consortium

Energy

IP FELICITAS: Fuel Cell Power trains and clustering in heavy duty transport: 16 partners including FHG (co-ordinator) and INRETS

Maritime

IP MarNIS: Maritime Navigation and Information Services: 59 partners including AVV (co-ordinator), INRETS, TNO

SSA ICOMOB: Icebreaker Co-operation on the Motorway of the Baltic Sea: 3 partners including VTT as co-ordinator

IP MOSES: Motorways of the Seas (logistic supply chains): 58 partners including FHG

Road

STREP NR2C: New Road Construction Concepts: VTI

CA CONNECT: Co-ordination of Concepts for new Collective Transport: 23 partners including VTT

CA CAST: Implementing mass media campaigns and evaluating their (isolated) effect on traffic accidents and other performance indicators: 19 partners including TØI, INRETS, VTI, DTF, AVV, CDV

CA BESTUFS II: Best Urban Freight Solutions II: 8 partners including CDV

CA PEPPER: Police Enforcement Policy and Programmes on European Roads: 17 partners including VTT, HIT, CDV, DTF, INRETS, TØI, TRL, UPM, VTI

Rail

NoE EURNEX: European Rail Research Network of Excellence: 70 partners including INRETS, FHG, DLR, CERTH/HIT, DTF, VTI, VTT, UPM

IP INTEGRAIL: INTElligent integration of RAILway systems: 33 partners including INRETS

IP MODURBAN: Modular Urban Guided Rail Systems: 35 partners including FHG, INRETS

CA REORIENT: Implementing Change in the European Railway System: 7 partners including TØI, DLR, VTT

CA TREND: Towards new Rail freight quality and concepts in European Demand: 10 partners including CDV

CA RAILCOM: Electromagnetic compatibility between rolling stock and rail-infrastructure encouraging European interoperability: 14 partners including INRETS

CA HOPE: High Density power electronics for FC- and ICE- Hybrid Electric Vehicle Powertrains: 13 partners including INRETS and FHG

IP URBAN TRACK: Urban Rail Infrastructure: 38 partners including INRETS.

STREP SAFEINTERIORS: Train Interior Passive Safety for Europe: 16 partners including INRETS

IP RETRACK: Reorganisation of Transport concepts by Advanced Rail freight concepts: 13 partners including TNO (leader) and TØI

Multimodal

SSA NET-TRACK: Networking Transport Research Resources, Competencies and Knowledge within the new boundaries of European Research Area: ECTRI project where INRETS, CDV, KTI, VTI and DLR are directly involved

SSA CENTRAL LOCO: Central European Network for logistics Competence: 4 participants including CDV and KTI

CA PROMIT: Promote innovative intermodal freight transport: 9 Partners including HIT, VTT, TNO

CA COUNTERACT: Cluster Of User Networks in Transport and Energy Relating to Anti-terrorist ACTivities: VTI is involved in this project

SSA EXTR@web II: EXPloitation of TRansport Research Results via the Web II: 6 Partners including CDV

IP FREIGHTWISE: Management Framework for Intelligent Intermodal Transport: 65 partners, including CDV

STREP TRAIN-ALL: Integrated System for driver TRaining and Assessment using Interactive education tools and New training curricula for ALL modes of road transport: 17 partners including HIT (coordinator) and TRL

SSA SELCAT: Safer European Level Crossing Appraisal and Technologies: 18 partners including INRETS, CNTK and DLR

STREP KITE: Knowledge base for Intermodal Passenger Travel: 9 partners including CDV and INRETS

CA LINK: European Forum for Intermodal Passenger Travel: 17 partners including CEDEX and VTI

SSA MOTOS: Transport modeling: Towards operational standards in Europe: 9 partners including TNO, DTF and VGTU-TMI

SSA TRANSGEN: Gender Mainstreaming European Transport Research and Policies: 6 partners including DTF and TØI

Urban Mobility

CA SPUTNIC: Strategies for Public Transport in Cities: 16 partners including VTI

CA EURFORUM: European Research Forum for Urban Mobility: 6 partners including ECTRI, UITP is leading

SSA EUROACCESS: For a European Accessibility of public Transport for people with disabilities: 7 partners including INRETS (Scientific Coordinator) and TØI

Marie Curie Actions - Transfer of Knowledge (TOK) and International Reintegration Grant (IRG)

TOK TRANS-AID: Transfer of Knowledge in Transport Infrastructure financing: 3 partners including INRETS and HIT

TOK TITaM: Transport Infrastructure technologies and Management: 3 partners including CDV and TRL

IRG VUDEFEM: Vulnerable road users: detailed geometry and finite element models for impact conditions: INRETS

We can add to the above list the following COST projects:

WATCH, COST Action n° 355 “Changing behaviour towards a more sustainable transport system”: Analyse the conditions under which the process of growing unsustainable transport demand could be reversed, by changing traveller’s, shippers’ and carriers’ behaviours.

ECTRI members involved: INRETS (coordinator), CETH/HIT, POLITO, UPM, TØI, DLR, CDV, VTT VÙD, and DTF.

EST, COST Action n° 356 “Towards the definition of a measurable environmentally sustainable transport”: Design harmonised and scientifically sound methods to build better environmental indices (or indicators) by using existing European indices, and to build methods to be applied to the decision-making process of the transport sector in the different European countries.

ECTRI members involved: INRETS (coordinator), UPM, VTI, TRL, POLITO, DLR, TØI, DTF, and KTI

PROHELM, COST Action n° 357 “Accident Prevention Options with Motorcycle Helmets”: The main objective of this action is to increase knowledge on how motorcycle helmets could be improved to help facilitate the avoidance of accidents.

ECTRI member involved: INRETS

PQN, COST Action n° 358 “Pedestrians’ Quality Needs”: the main objective of this action is to provide an essential contribution to systems knowledge of pedestrians’ quality needs and the requirements derived from those needs, thus stimulating structural and functional interventions, policy making and regulation to support walking conditions throughout the EU and other involved countries.

ECTRI members involved: AVV (coordinator), CDV, INRETS, TNO, VTT and TØI

2006 ECTRI reports and deliverables

- **ECTRI Comments on White Paper Mid term review** – January 2006
- **ECTRI leaflet** – January 2006 (updated September 2006)
- **ECTRI's answer on "public Consultation on logistics for promoting Freight intermodality"** – March 2006
- **ECTRI Activities Report 2005** - English - April 2006
- **7FRDP – COOPERATION Specific Programme ECTRI contribution to 1st workprogramme – ICT priority** – April 2006
- **7FRDP – COOPERATION Specific Programme ECTRI contribution to 1st workprogramme – Transport priority** – April 2006
- **ECTRI's answer on "Road infrastructure safety management on the trans-european networks"** – May 2006
- **7FRDP – COOPERATION Specific Programme ECTRI contribution to 1st workprogramme – Transport priority – ADDENDUM** – June 2006

2006 ECTRI presentations

- **ECTRI: European Transport research Institutes working together** by Jean-Pierre Médevielle, 25 January 2006, presented during TRB Annual Session, Washington, US, 22-26 January 2006
- **Intelligent Vehicle Safety Systems and 2010 EU target in road safety** by Jean-Pierre Médevielle presented during Mobility in Road Safety, Seminar organised by Michelin in the framework of the Dialogues on Mobility, Brussels, 16 May 2006
- **Road transport contributing to a sustainable society: vision of the future** by Georges Giannopoulos, 13 June 2006, presented during Transport Research Arena, TRA, Gothenburg, Sweden, 12-15 June 2006
- **URBAMOVE – URBan Mobility initiative** by Claudia Nobis, 13 June 2006, presented during Transport Research Arena, TRA, Gothenburg, Sweden, 12-15 June 2006

2006 ECTRI newsletters

- **Newsletter n° 9** – February 2006
- **Newsletter n° 10** – May 2006
- **Newsletter n° 11** – September 2006
- **Newsletter n° 12** – December 2006

**European conference
of transport research
institutes—ECTRI**

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