

European Conference of Transport Research Institutes

CENTRUM DOPRAVNIHO VYZKUMU – CDV 60th ANNIVERSARY CELEBRATION

ECTRI – An overview

By George A. Giannopoulos

ECTRI President

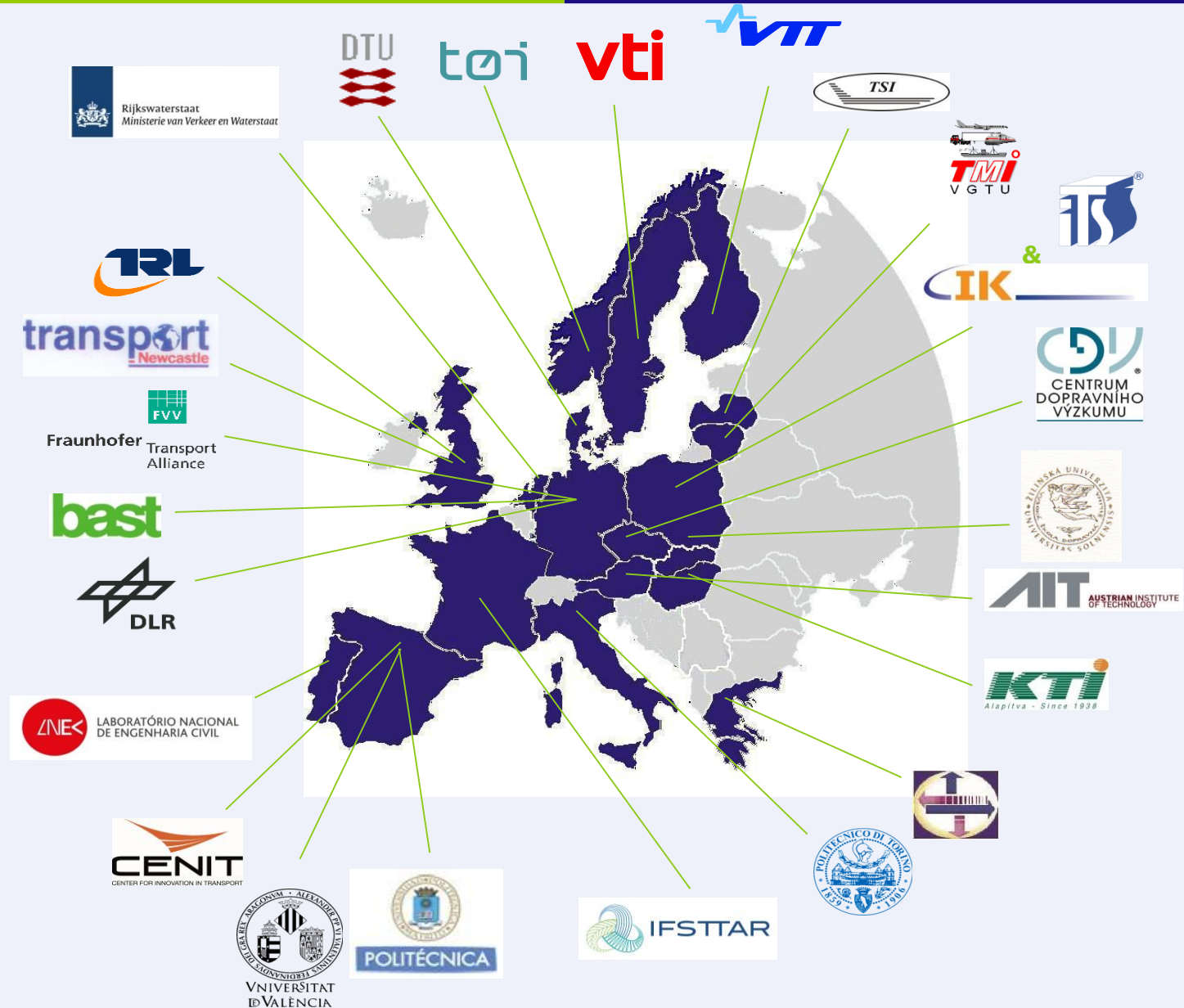
15-9-2014

ECTRI Basic Features

- Non-profit organisation established in 2003 to
 - Promote **integrated transport R&D** in Europe
 - Tie together the foremost **multi-modal transport research centers** across Europe
 - Promote the **excellence of European transport research**
- **24** major European transport research institutes / Universities from **19** European countries
- Employing more than **4,000** research staff
- Offices and staff located in **Brussels**

Members

24 major
transport
research
institutes
or
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Organisational Structure

Assembly of Members

*Highest organ of ECTRI
One representative per member*

Board

*Manages and administers ECTRI's
activities*

Secretary General

*Overall organisation of ECTRI's
activities*

Report to Board

Implement Board & Ass. decisions

Secretariat

*Performs day-to-day work and
organizational tasks*

Assists Board, Members, SG

*Disseminate & advertise on
ECTRI's activities and results*

Task Forces

Horizon
2020

ECTRI-
TRB

Young
Researcher
Seminar

Thematic Groups

Mobility

Freight
and
logistics

Safety

Economics
and Policy

Security and
risks
management

Thematic Groups

- **Mobility** (Understanding travel behaviour, Inter-modal aspects of urban mobility, Land-use and transport interaction)
- **Freight and logistics** (E-freight, Door-to-door freight transport and supply chains, Urban logistics, Terminals)
- **Economics and policy** (Policy analyses e.g. scenarios, foresights, Cost benefit analyses, Public Private Partnership, Pricing and externalities)
- **Safety** (Behavioural adaption and change, Fitness to drive, Evaluation of policy initiatives, Ageing society, Injury data)
- **Security and risks analysis** (Risk Analysis and Management, Critical infrastructures, Needs of users/ operators/ owners/ emergency services)

Role

- Define research topics of interest for influencing EC policies and programmes
- Increase successful participation in EU projects
- Provide a platform for networking and scientific exchanges



Task Forces

■ Horizon 2020 Task Force

Scope and objectives:

Advise on how to best promote the interests of ECTRI and to influence the developments of H2020 programme and most particularly:

- to overlook the inputs of TG (consistency, appropriate format, aggregation/consolidation of contributions) and make recommendations;
- to overlook EU developments and advise on actions to undertake (assess opportunities);
- to assess matching of inputs with EU developments and make recommendations

Timeline: April 2013 – December 2014

■ ECTRI-TRB Task Force

Scope and objective:

Implementing the actions in ECTRI-TRB MoU (2-year Action Plan 2013-2014)

Timeline: 2013 – 2014

■ Young Researchers Seminar

Scope and objective:

Organising Seminar to professionalise young researchers

Timeline: bi-annual event, Roma, 17-19 June 2015

Contributing to the Shaping of the ERA-T Influencing European Policies (including FPs)

ECTRI as advisor to the EC and others EU bodies



Inputs / contributions

- FPs updates / workprogrammes
- Consultations
- EU policy papers
- ETPs SRA & road maps



Benefits:

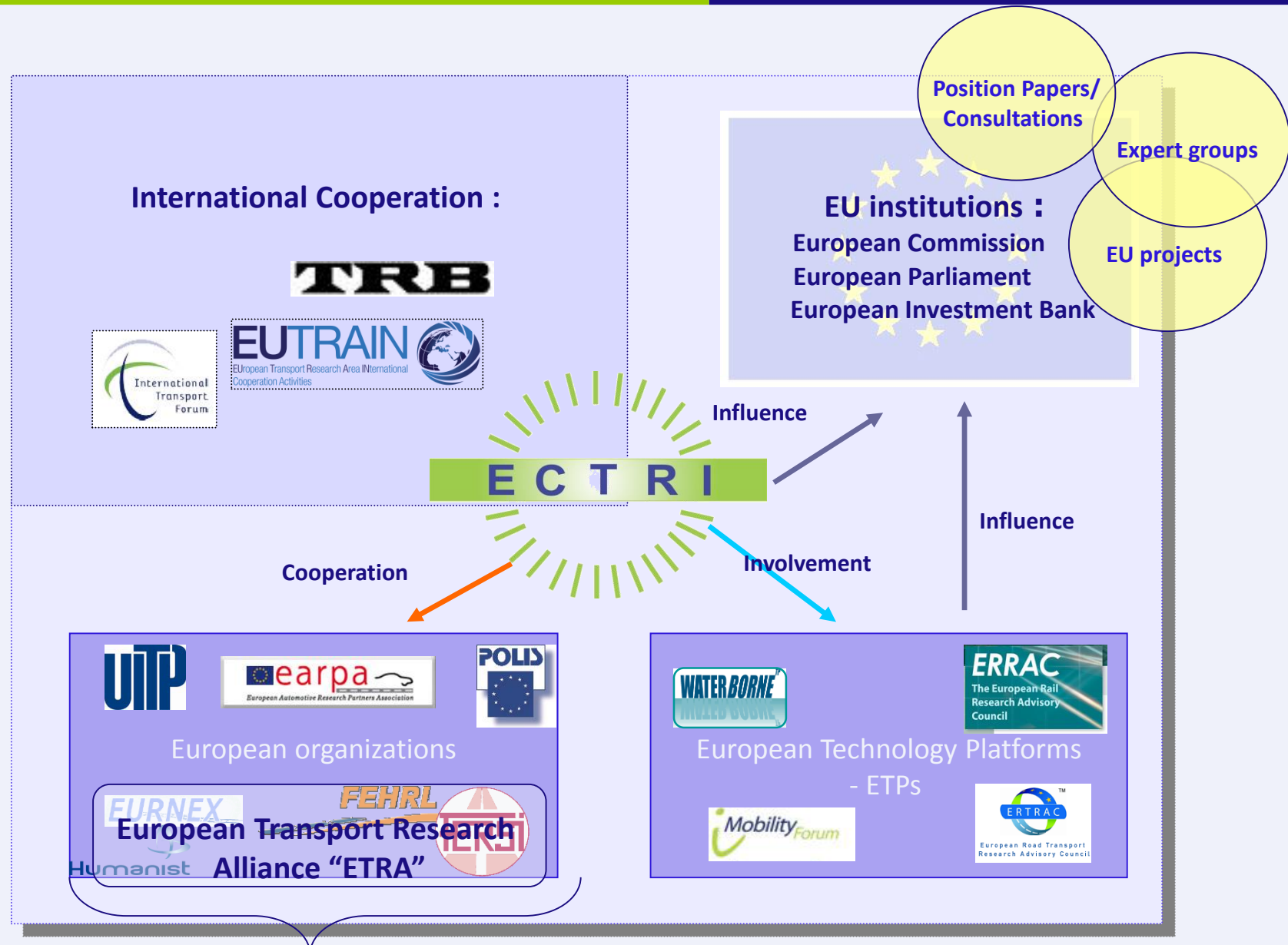
"Economies of scale" of a collaborating European research community

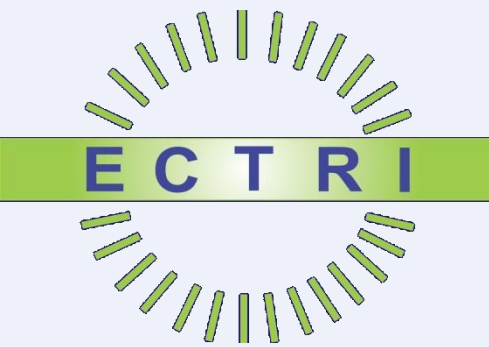
Position reflected in European Policies

Members find areas of interest covered in calls



European and International interactions





European Conference of Transport Research Institutes

ECTRI, Co-founder of the

The European Transport Research Alliance – ETRA



www.etralliance.eu

ECTRI promoting International Cooperation

MoU with TRB, signed 22 Jan. 2006, Washington, TRB Annual Session

1. Cooperation in mutual activities

Meeting, Conference, Working Groups,
Committees

2. Dissemination of information and research results

TR News, ECTRI Newsletter

3. Organization of, or participation in, select activities i.e.

- Young Researchers Seminar
- Joint Committee or WG on future transport research needs
- Participation of ECTRI in annual TRB Conference (booth, sessions, keynote speakers)



Activities are formalized through a two-year common **Action Plan** approved on an annual basis

■ 7th FP and CIP

172 transport research projects, among them

- 2 Networks of Excellence (incl. NEARCTIS), 122 Collaborative Projects, 41 Coordination and Support Actions, 2 Marie-Curie (ITN), 2 CIP
- ECTRI directly supports the preparation of some projects

■ 6th FP

113 transport research projects, among them

- 6 Networks of Excellence, including HUMANIST, EURNEX and APSN (supported by ECTRI), 35 Integrated Projects, 41 Specific Targeted Research Projects, 28 Coordination and Support Actions and 3 Marie Curie actions (Transfer of knowledge)

■ COST

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

- 10 running actions in the ‘Transport and Urban Development’ domain

Various thematic areas / all surface transport modes: rail, road, maritime, air, multimodal

Information, exchange, and representation

- **Internal Monthly newsletter** (exchange of news on ECTRI and Members' activities, EU policies, calls, projects and events)

■ **Promotion and representation at Transport events**

□ International

- TRB Annual Meeting
- World Congress on Intelligent Transport Systems
- World Conference on Transport Research
- World Congress on Railway Research
- Road Safety on Four Continents

□ European

- Transport Research Arena
- European Transport Conference
- Intelligent Transport Systems Europe
- EC conferences

■ The Young Researchers Seminar : promoting scientific excellence and support Young Researchers to put science into practice by:

- training young researchers, by tutorial means through a retroactive manner to elaborate, prepare papers and present oral scientific communications.
- To enable the networking of young transport researchers belonging to ECTRI, FERSI and FEHRL members and from TRB

Biennial event jointly organized with FERSI and FEHRL since 2003

Disseminating research results

ETRR - ECTRI sponsored scientific Journal

- An open access journal; wide availability to all researchers with a minimum of constraints and costs
- Provides focus on issues of special interest to European transport research, its funding bodies and supervising organisations
- First 5 Volumes (4 issues both) in 2009, 2010, 2011, 2012, 2013, (2014: 3 issues available)
- Published by  **Springer** Verlag through contract with ECTRI
the language of science
- Editor-in-Chief: Prof. Anthony May, Emeritus, Leeds University
- Journal website:
<http://www.springer.com/engineering/mechanical+engineering/journal/12544>
- For authors: online manuscript submission, review and tracking: <http://www.editorialmanager.com/etrr/>





Thank You for your attention !

More information

www.ectri.org

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