



Thematic Groups

The ECTRI Thematic Groups (TG) are the ECTRI “research workforce” that supports the implementation of the ECTRI Strategy. They are strong and effective mechanisms for obtaining common positions in today’s most pressing transport and mobility issues as well as achieving scientifically sound and well documented solutions to transport problems.

ECTRI’s first Thematic Group was set up in 2004 (on Urban Mobility). Following the successful experience, ECTRI pursued this approach to deepen the cooperation between its Members and increase ECTRI’s clout by establishing additional Thematic Groups.

At present ECTRI has five TGs in the areas of Mobility, Freight and Logistics, Economics and Policy, Safety, and Traffic Management and Modelling.

General Frame

The ECTRI Thematic Groups (TG) are essential tools to achieve the many priorities and actions set in the ECTRI Strategy. They are meant to:

- Represent ECTRI’s core research competences
- Be in line with European framework programme
- Cover multimodal and sustainable mobility perspectives

Objectives

The Thematic Groups have three objectives:

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

Establishment & duration

Top-Down Thematic Groups

These groups are established by the Assembly after identification of major fields of research for the ECTRI community.

Bottom-up Thematic Groups

These groups can be established when at least one Institute volunteers to take the lead and responsibility and at least ten other Institutes are willing to participate. The Assembly approves the final creation of the bottom-up Thematic Groups.

Duration

All Thematic Groups are set up for a two year-period, renewable per decision of the Assembly after Board evaluation and recommendations.

Participants

Participation in Thematic Groups is open to all ECTRI Members who may join at any time, as soon as they express their commitment to the TG objectives.

The participants in the Thematic Groups are:

- Experts with experience in the TG’s domain and interest in joining the TG
- Appointed by their organisation

Individual external experts may be invited to join the TG, subject to specific agreement by TG moderator and participants (occasional/ by invitation).

Organisation of Work, Results and Impact

The Thematic Groups meet regularly and at minimum twice per year. They are led by a Moderator supported by three Rapporteurs.

Each group defines its yearly action plan, guided by a set of Key Performances Indicators (KPI) for each objective over the mandate period.

The Board is monitoring the work of the group. Each group reports to the Assembly by a yearly written report.



TG Mobility

SCOPE:

- Travel behavior and mobility management
- Urban, peri-urban and rural mobility services
- Active, shared and multi-modal mobility
- Land use and transport interaction
- Use of connected and automated mobility

MODERATOR: Maria Morfoulaki (HIT)

RAPORTEURS: Julia Jarass (DLR); Ghadir Pourhashem (UNIZA); Kristin Tovaas (AIT)

COMPOSITION: 50 experts from 26 Members

TG Freight & Logistics

SCOPE:

- Resilience and digitization of intermodal transport chains
- Door-to-door freight transport and supply chains
- Urban, peri-urban, rural logistics
- Freight hubs and corridors
- Decarbonization in freight transportation

MODERATOR: Saskia Seidel, DLR

RAPORTEURS: Norina Szander (KTI), Orestis Tsolakis (HIT), Jessica Wehner (VTI)

COMPOSITION: 47 experts from 25 Members

TG Economics & Policy

SCOPE:

- Transport policy evaluation to advance European sustainability, resilience and competitiveness
- Cost-Benefit Analysis and social acceptance of emerging transport technologies/new mobility services
- Socio-technical transition/societal changes and policy impact assessment
- Business models for competitive, sustainable, smart and resilient transport solution deployment and scalability
- Financing transport, Public-Private Partnerships (PPPs) and regulation

MODERATOR: Elisabete Arsenio, LNEC

RAPORTEURS: Afroditi Anagnostopoulou (HIT), Mirko Goletz (DLR), Anu Tuominen (VTT)

COMPOSITION: 44 experts from 25 Members

TG Safety

SCOPE:

- Safety culture
- Safe mobility for all
- Automation and digitization safety implications
- Transport safety data collection and use
- Safety in intermodal/multimodal hubs and crossings

MODERATOR: Isabela Erdelean (AIT)

RAPORTEURS: Sandra Vieira (LNEC), Christophe Jallais (UNI EIFFEL), Ary Silvano (VTI)

COMPOSITION: 35 experts from 25 Members

TG Traffic Management & Modelling

Born from the integration of the NEARCTIS Network of Excellence within ECTRI in 2014.

SCOPE:

- Traffic modelling, control and management
- Transport system efficiency with automated mobility
- Cooperative transport systems
- Utilization and impact of artificial intelligence in TMM
- Multimodal aspects of TMM

MODERATOR: Stefan Seer, AIT (Austria)

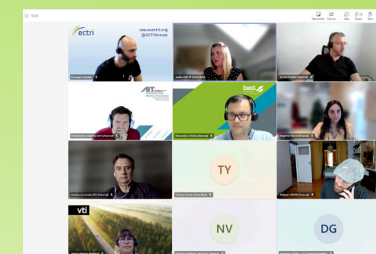
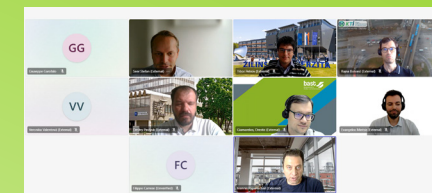
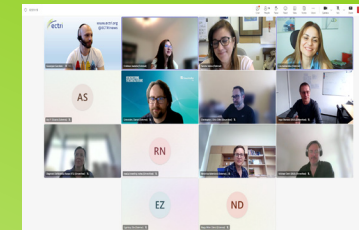
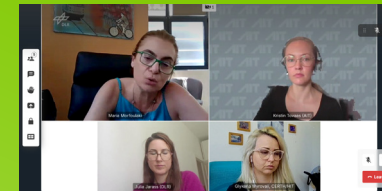
RAPORTEURS: Tibor Petrov (UNIZA), Orestis Giamarellos (BAST), Evangelos Mintsis (HIT)

COMPOSITION: 41 experts from 24 Members

ECTRI: European Conference of Transport Research Institutes

Any questions?

Scan the QR code to find out more about our Thematic Groups, their activities and achievements.



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