



alliance

Enhancing excellence and innovation capacity
in sustainable transport interchanges



TRANSPORT AND
TELECOMMUNICATION
INSTITUTE



TLg Traffic,
Transportation
and Logistics
Laboratory



Fraunhofer

IFF

<http://alliance-project.eu/>



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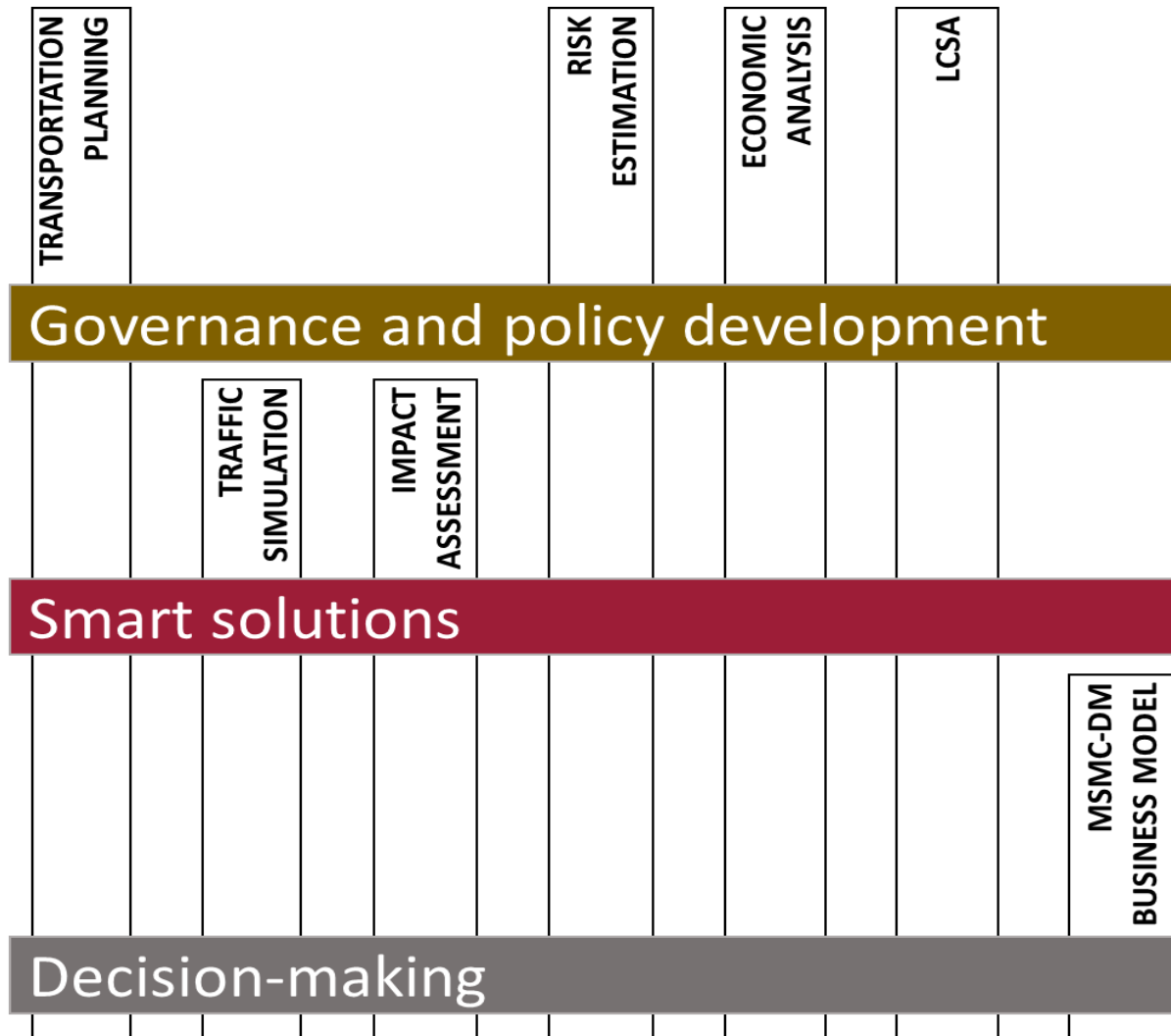
Scope

- ▶ Link Transport and Telecommunication Institute (TTI) with University of Thessaly (UTH) and Fraunhofer Institute for Factory Operation and Automation (Fraunhofer)
- ▶ Strengthen the scientific and technological capacity of Latvia
- ▶ Provide knowledge to TTI research staff in the field of smart interconnecting sustainable transport networks
- ▶ Support the selection and management of the most optimal and applicable solutions for transport interchanges
- ▶ Facilitate stakeholder collaboration and the development of strong linkage among education, research and industry
- ▶ Create a doctoral programme in Transport Economics and Management at TTI

Concept

- ▶ Needs' analysis of Latvia and the surrounding region of the Baltic sea (Lithuania, Estonia, Poland) on intermodal transportation terminals
- ▶ Consideration of the relations among policy makers, industry and education/research
- ▶ Development of a coherent educational/training program, structured around 3 pillars:
 - ✓ Organizational/governance
 - ✓ Operational/services
 - ✓ Service quality/customer satisfaction

Program's thematic areas



Activities

No.	Activity	Location	Date
1	Training school within UTH's Graduate Program during the 3 rd Conference on Sustainable Urban Mobility	Volos, Greece	May, 2016
2	Young Researchers' Seminar and Train the Trainers Seminar during the 16 th International Conference on Reliability and Statistics in Transportation and Communication	Riga, Latvia	October, 2016
3	International Logistics Doctoral Student Workshop organized by Fraunhofer	Magdeburg, Germany	June, 2017
4	ALLIANCE 1 st Training School	Riga, Latvia	July, 2017
5	ALLIANCE Special Session during the 17 th International Conference on Reliability and Statistics in Transportation and Communication	Riga, Latvia	October, 2017
6	ALLIANCE Special Session during the European Transport Research Arena Conference (TRA)	Vienna, Austria	April, 2018
7	ALLIANCE Special Session during the 4 th Conference on Sustainable Urban Mobility	Volos, Greece	May, 2018
8	ALLIANCE 2 nd Training School	Riga, Latvia	July, 2018
9	Special Session and ALLIANCE Final Conference during the 18 th International Conference on Reliability and Statistics in Transportation and Communication	Riga, Latvia	October, 2018
10	Short-Term Staff Exchanges (STSEs)	<i>To be defined</i>	2016-2018
11	Provision of grants for participation as authors of peer reviewed publications in conferences	<i>To be defined</i>	2017-2018

Expected impacts

- ▶ New bases in knowledge transfer procedures, education and interdepartmental collaboration amongst research institutes
- ▶ Innovative organizational framework with tangible and well-estimated progress results
- ▶ Integrated framework addressing knowledge transfer techniques and upgrading of the educational system, through:
 - ✓ Networking
 - ✓ Staff exchange
 - ✓ Webinars

Expected benefits for TTI

- ▶ TTI will benefit from ALLIANCE by:
 - ✓ Improving its knowledge in methodologies for preparing, writing and publishing scientific papers
 - ✓ Strengthening its research capacity
 - ✓ Establishing international research teams in specific areas of interest
 - ✓ Generating new innovative ideas for future research work through the project's activities
 - ✓ Setting up the fundamentals for the young generation of researchers
 - ✓ Being integrated in a number of existing international transportation research networks
 - ✓ Being incorporated in the European research system of transport and logistics

For more information about the project...

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