

D5.7

Dissemination Material 3



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DOCUMENT CONTROL SHEET

Project no.	692426	Acronym	ALLIANCE
Project Title	Enhancing excellence and innovation capacity in sustainable transport interchanges		
Work Package	5	Title	Dissemination
Deliverable no.	5.7	Title	Dissemination material 3
Date of preparation of this version	27 June 2017		
Status (F: Final, D: Draft, RD: Revised Draft)	F		
Issue Date	30 June 2017		
Dissemination Level	Public		
Future reference	ALLIANCE Deliverable D5.7, 2017. Dissemination material 3.		
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ALLIANCE Beneficiaries

TRANSPORT AND TELECOMMUNICATION INSTITUTE – TTI	Latvia
PANEPISTIMIO THESSALIAS – UTH	Greece
FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV – Fraunhofer	Germany

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LIST OF ABBREVIATIONS

Abbreviation	Description
ECTRI	European Conference of Transport Research Institutes
FEHRL	Forum of European National Highway Research Laboratories
FERSI	Forum of European Road Safety Research Institutes
Fraunhofer IFF	Fraunhofer Institute for Factory Operation and Automation
M	Month
STSE	Short-Term Staff Exchange
TTI	Transport and Telecommunication Institute
UTH	University of Thessaly

ABSTRACT

This deliverable provides an overview of the third part of the dissemination material that has been produced for the ALLIANCE project, addressing material that has been designed during the last six months of the project's lifecycle, and including: two press releases and an alternative version of the official ALLIANCE roll-on banner. In addition, the project's events and activities for the same period are presented.

1 Introduction

1.1 Contents of the deliverable

The overall aim of WP5 is to disseminate the project to the wider audience, including international, European and national forums, and feed them with the latest news, forthcoming activities and events. UTH, acting as the dissemination manager of ALLIANCE, is responsible to develop the appropriate material for these purposes, and to coordinate further promotion synergies.

Deliverable D5.7 includes the third part of the dissemination material of ALLIANCE. New material for this period includes an alternative version of the project's official roll-on banner and two press releases. In addition, since UTH has developed a new official logo, the previously designed dissemination material has been revised, including indicatively: 1-page presentation, brief presentation, leaflet, poster, etc. (Annexes C to F).

The monitoring of the impact of the project is also documented in this deliverable, through key statistics for the website (visits, users, page views), and the presentation of project's events and extroversion activities.

A synopsis is presented in the last part of the deliverable, and six annexes follow with the dissemination material.

1.2 Project overview

ALLIANCE aims at developing advanced research and higher education institution in the field of smart interconnecting sustainable transport networks in Latvia, by linking the Transport and Telecommunication Institute – TTI with two internationally recognized research entities – University of Thessaly – UTH, Greece and Fraunhofer Institute for Factory Operation and Automation – Fraunhofer, Germany. Close collaboration of TTI with UTH and Fraunhofer will enable the achievement of the goals through the following activities:

- Organization of young researchers' seminars
- Organization of workshops
- Organization of summer schools for trainers and young researchers
- Development of educational programme for graduate and post-graduate students
- Development of training programme for trainers and practitioners
- Provision of grants for participation as authors of peer reviewed publications in conferences
- Facilitation of Short-Term Staff Exchanges (STSE's) with the aim of international collaboration, mainly publications
- Establishment of a guidance strategy for preparing scientific publications
- Creation of an educational forum as on-line tool for distance learning and knowledge sharing.

The overall methodology of the project is built around the analysis of the needs of Latvia and the

surrounding region of the Baltic sea (Lithuania, Estonia, Poland) on knowledge gain about intermodal transportation networks and the development of the tools to attain this knowledge, providing at the same time excellence and innovation capacity. The analysis to be conducted during the first stages of the project, steps on the overarching relations among policy makers, industry and education/research.

Structured around three main pillars, organizational/governance, operational/services and service quality/customer satisfaction, ALLIANCE will deliver a coherent educational/training program, addressed to enhancing the knowledge of current and future researchers and professionals offering their services in Latvia and the wider region.

The expected impacts on the overall research and innovation potential of TTI and Latvian research community will be of high importance and 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.

In addition, the cooperation of TTI with UTH and Fraunhofer will induce benefits into several domains of everyday life at regional, national and international scope. New bases will be established concerning knowledge transfer procedures, education and interdepartmental collaboration amongst research institutes. The innovative organizational framework, which will be structured for this purpose during the project, is expected to constitute a best practice application with tangible and well estimated progress results, which will be disseminated and communicated through social events to the research community and to the respective business sector as well.

Lastly, an important benefit will be the configuration of an integrated framework pertaining to the knowledge transfer techniques and the generic upgrading of the educational system with use of networking, staff exchange, webinars and other knowledge transfer methods and techniques based on a well-structured and well-tried schedule.

2 Dissemination material

The material that has been produced during the third semester of the project is presented in the following paragraphs.

2.1 Roll-on banner

A roll-on banner has been designed (Figure 1), in order to be used at the project's events, i.e. summer schools, train-the-trainers' seminars, young researchers' seminars, etc.



Figure 1: Roll-on banner (alternative version)

2.2 Press releases

Press releases are distributed by ALLIANCE at specific milestones, for the communication of the achieved progress and the provision of information about forthcoming events. During the last semester, two press releases have been issued, the first one promoting the support of the project to the 10th International Logistics Doctoral Student Workshop on Logistics in Magdeburg, Germany (Annex A) and the second one, summarizing the main findings of the participation of the members of the Consortium to this event (Annex B). The press releases were also translated in the three national languages of partners (Latvian, Greek and German).



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Press release #6

Monday 12/06/2017, Volos, Greece

10th International Logistics Doctoral Student Workshop in Magdeburg, Germany

ALLIANCE supports the 10th International Logistics Doctoral Student Workshop, which is hosted by the Otto von Guericke University's Institute of Logistics and Material Handling Systems in cooperation with the Fraunhofer Institute for Factory Operation and Automation IFF, on 20 June 2017 in Magdeburg, Germany.

Participants from Cuba, France, Greece, Hungary, Latvia, Ukraine and Germany, will present their latest research in the field of logistics. In total, 17 exciting presentations focusing on the thematic areas: "optimization and efficiency in logistics", "supply chains and logistics networks" and "innovation and trends in logistics" are included in the program. According to the topics, thematic discussion groups will be also arranged to inspire the individual doctoral theses and further scientific collaborative activities.

ALLIANCE is represented in this event by 7 young researchers, who are members of the project's collaborative research teams.

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Or visit the website: www.alliance-project.eu

Figure 2: 6th Press release



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Press release #7

Monday 27/06/2017, Volos, Greece

Successful realization of the Training Program: “10th International Doctoral Student Workshop on Logistics” and “Workshop on Modeling and Simulation in Manufacturing, Logistics, Transportation and Traffic”

With great success the training program: “10th International Doctoral Student Workshop on Logistics” and “Workshop on Modeling and Simulation in Manufacturing, Logistics, Transportation and Traffic”, was realized in Magdeburg, Germany from 20 to 21 June, 2017.

The program is part of the ALLIANCE dedicated knowledge-sharing activities, and was hosted by the Otto von Guericke University's Institute of Logistics and Material Handling Systems in cooperation with the Fraunhofer Institute for Factory Operation and Automation IFF.

ALLIANCE was represented in this event by young researchers, master degree and PhD holders, post-doc researchers and professors, the majority of which are members of the project's collaborative research teams. In total, five presentations were given by students and staff members during the two workshops:

- “Questions of the transport infrastructure development financing in Latvia: problems and solutions” (O. Skorobogatova – TTI)
- “Research of ground vehicles movement control on the aerodrome using simulation” (I. Alomar – TTI, W. Hofmann – IFF)
- “Accessibility on long-distance terminals: case study Riga coach international terminal” (E. Budilovica – TTI, M. Tsami – UTH, V. Magginas – UTH)
- “Establishing initial operating range for cooperative UAV collision avoidance system” (D. Lancovs – TTI)
- “Environmental impact assessment based on microscopic traffic flow simulation” (M. Savrasovs – TTI, I. Pticina – TTI, I. Yatskiv – TTI).

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Or visit the website: <http://alliance-project.eu/>

Figure 3: 7th Press release

3 Impact monitoring system

3.1 Website

Key statistics presenting the use of the project's website for the period 01/03/2016 – 11/06/2017 are as follows (Figure 4):

- Visits (sessions): 2,797
- Users (unique IPs): 1,558
- Page views: 9,325

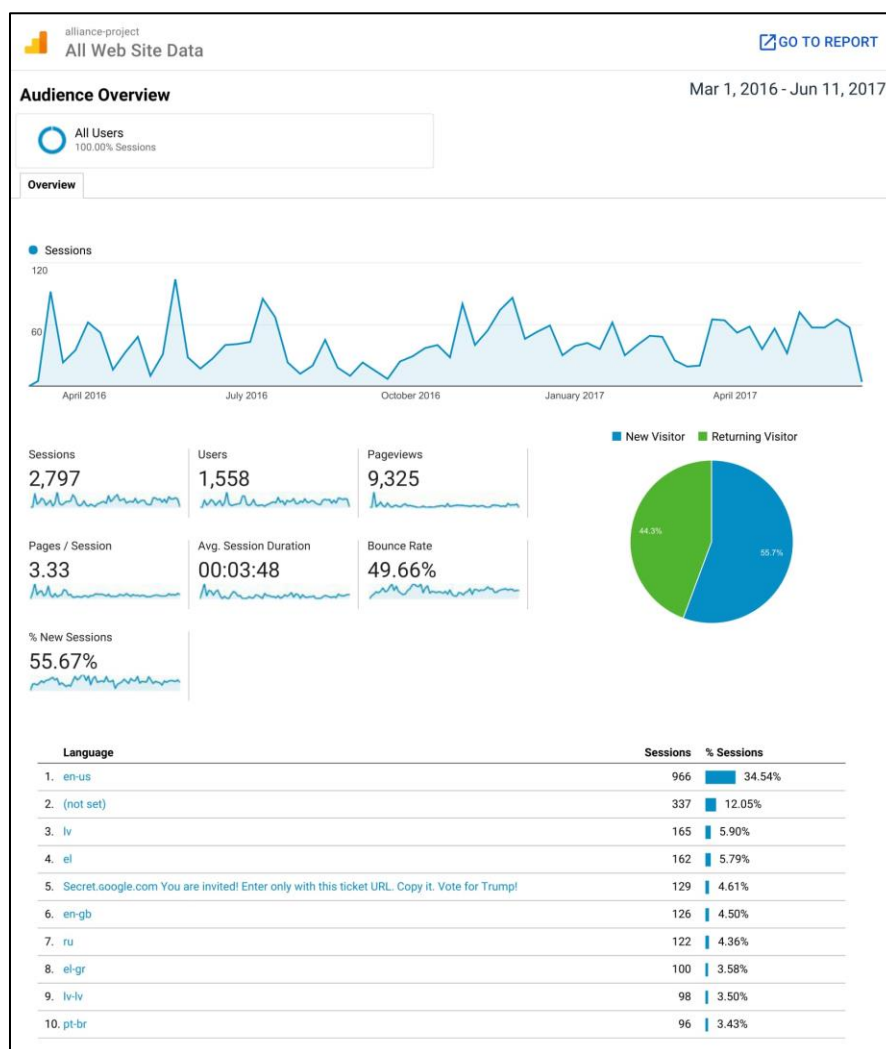


Figure 4: Overview of the website visits, users and page views

In addition, in Figure 5, for the same time period, the location (country) of the visitors is presented.

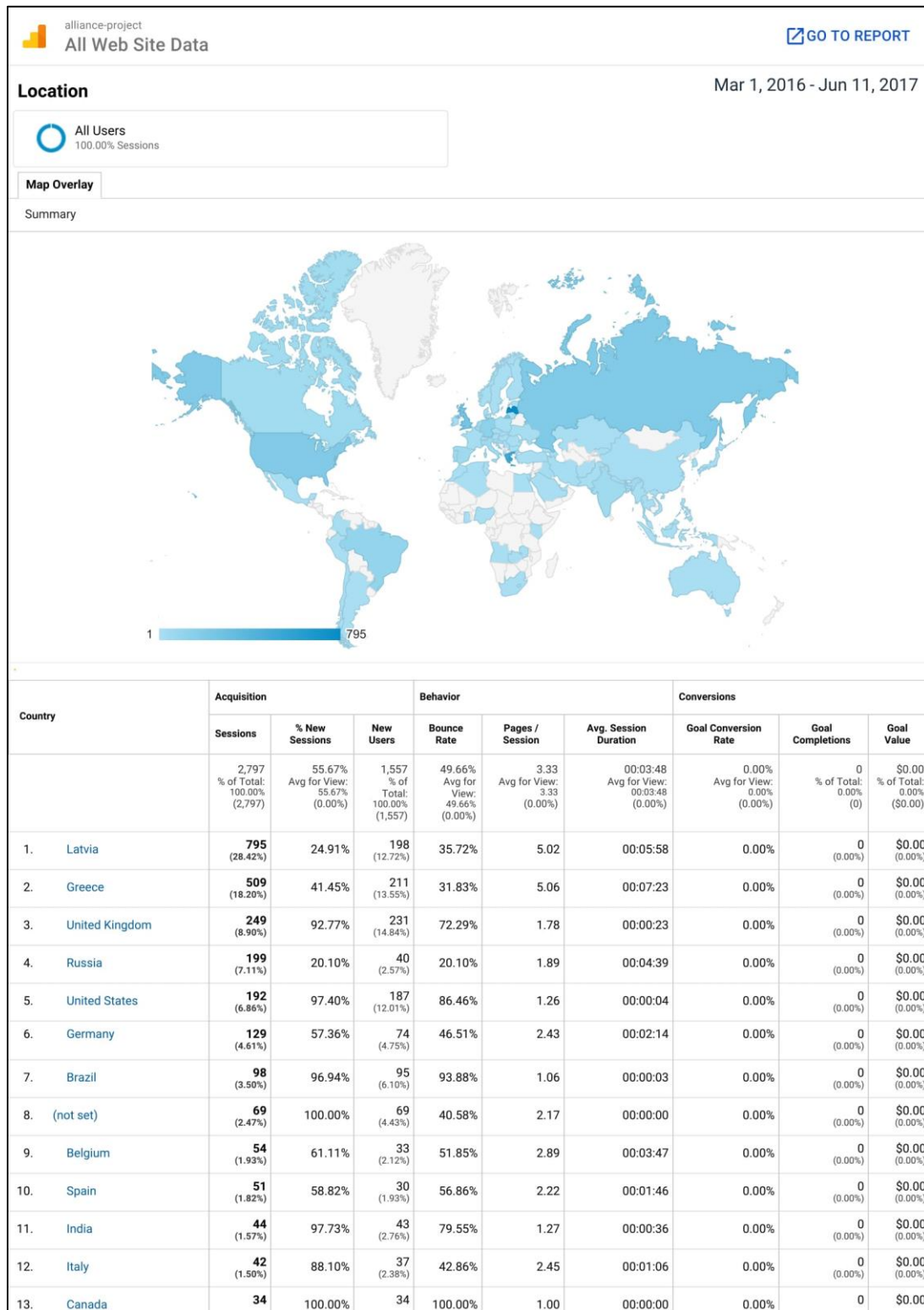



Figure 5: Analytics of the visitors' countries

3.2 Press releases

The two press releases have been distributed through the official websites of the partners and selected posts are presented in Figures 6 to 10.



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Preses relīze #6

2017. gada 12. jūnijā, Volos, Grieķijā

10. Starptautiskais Loģistikas Seminārs doktorantiem Magdeburgā, Vācijā

2017. gada 20. jūnijā Magdeburgā, Vācijā tiek rīkots 10. Starptautiskais Loģistikas Seminārs doktorantiem, kuru rīko Otto von Guericke Universitātes Logistics and Material Handling Systems Institūts sadarbībā ar Fraunhofer Institute for Factory Operation and Automation IFF, kuru atbalsta projekts ALLIANCE.

Dalībnieki no Kubas, Francijas, Grieķijas, Ungārijas, Latvijas, Ukrainas un Vācijas uzstāsies ar saviem jaunākajiem pētījumiem loģistikas jomā. Kopumā, 17 aizraujošas prezentācijas, kuru galvenās tematiskās jomas "optimizācija un efektivitāte loģistikā", "piegādes ķēdes un loģistikas tīkli" un "inovācijas un tendences loģistikā" ir iekļautas programmā. Atbilstoši tēmām, tiks organizētas tematiskās diskusiju grupas, lai iedvesmotu atsevišķus promocijas darbus un turpmākās zinātniskās sadarbības aktivitātes.

Šajā pasākumā ALLIANCE projektu pārstāvēs 7 jaunie pētnieki, kuri ir projekta sadarbības pētniecības grupas locekļi.

Lai saņemtu sīkāku informāciju par projektu, lūdzu, sazināties:

Projekta koordinatore:
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Vai apmeklējiet projekta ALLIANCE mājas lapu: www.alliance-project.eu

Figure 6: 6th press release (Latvian version)


(+30) 24210-74164 ttlog@uth.gr

TTLog Εργαστήριο Κυκλοφορίας, Μεταφορών και Διαχείρισης Εφοδιαστικής Αλυσίδας

Αρχική Γνωρίστε μας Έρευνα Δημοσιεύσεις Εκπαίδευση Νέα & Ανακοινώσεις

Ποιότερες πληροφορίες πατήστε εδώ.

Νέα



ALLIANCE 6ο Δελτίο Τύπου

[Κατεβάστε το Δελτίο Τύπου](#)

Δευτέρα 12/06/2017, Βόλος

ALLIANCE: 10η Διεθνής Ημερίδα Διδακτορικών Σπουδών στο τομέα των logistics στο Μαγδεμβούργο, Γερμανία.

Το έργο ALLIANCE υποστηρίζει τη 10η Διεθνή Ημερίδα Διδακτορικών Σπουδών στο τομέα των logistics, η οποία φιλοξενείται από το Ινστιτούτο Otto von Guericke University's Institute of Logistics and Material Handling Systems σε συνεργασία με το το Fraunhofer Ινστιτούτο Λειτουργίας και Αυτοματισμού στις 20 Ιουνίου 2017, στο Μαγδεμβούργο της Γερμανίας.

Οι συμμετέχοντες από την Κούβα, τη Γαλλία, την Ελλάδα, την Ουγγαρία, τη Λετονία, την Ουκρανία και τη Γερμανία θα παρουσιάσουν την πρόσφατη έρευνα που εκπονούν στον τομέα της εφοδιαστικής αλυσίδας. Συνολικά, στο πρόγραμμα περιλαμβάνονται 17 ενδιαφέρουσες παρουσιάσεις που εστιάζουν στους θεματικούς τομείς: «βελτιστοποίηση και αποτελεσματικότητα στην εφοδιαστική αλυσίδα», «εφοδιαστική αλυσίδα και δίκτυα» και «καπιτομία και τάσεις στον τομέα της εφοδιαστικής αλυσίδας». Σύμφωνα με τα θέματα που παρουσιάζονται, θα οργανωθούν επίσης θεματικές ομάδες συζήτησης για να εμπνεύσουν τις εκπονούμενες διδακτορικές διατριβές και τις περαιτέρω επιστημονικές συνεργατικές δραστηριότητες.

Figure 7: UTH-TTLog website presentation of the 6th press release (Greek version)

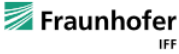


 <p>Fraunhofer-Institut für Fabrikbetrieb und -automatisierung IFF</p>	<div style="text-align: right;">  </div> <div> 25 JAHRE  </div> <div> →Fraunhofer IFF Magdeburg: Startseite PRESSE KONTAKT RSS-FEEDS SITEMAP ENGLISH </div> <div> GESCHÄFTSBEREICHE FORSCHUNGSFELDER ÜBER DAS FRAUNHOFER IFF INTERNATIONAL MEHR </div>	
Start - Presse - 10. Internationaler Doktorandenworkshop zur Logistik in Magdeburg, Deutschland		
<h2>Pressemitteilung</h2>		
<h3>10. Internationaler Doktorandenworkshop zur Logistik in Magdeburg, Deutschland</h3> <p>Pressemitteilung / 14.6.2017</p> <p>ALLIANCE unterstützt den 10. Internationalen Doktorandenworkshop zur Logistik, der am 20. Juni 2017 in der Denkfabrik am Wissenschaftshafen in Magdeburg stattfinden wird. Veranstalter des Workshops sind das Institut für Logistik und Materialflusstechnik der Otto-von-Guericke-Universität Magdeburg in Kooperation mit dem Fraunhofer-Institut für Fabrikbetrieb und -automatisierung IFF.</p> <p>Doktorandinnen und Doktoranden aus Kuba, Frankreich, Griechenland, Ungarn, Lettland, der Ukraine und Deutschland werden den aktuellen Stand ihrer Forschungsarbeiten in der Logistik vorstellen. Das Programm umfasst 17 spannende Vorträge in den Themenbereichen »Optimierung und Effizienz in der Logistik«, »Supply Chains und logistische Netzwerke« sowie »Innovationen und Trends in der Logistik«. Über die Vorträge hinaus werden zu den genannten Themenbereichen Diskussionsrunden stattfinden, die den Vortragenden Feedback und Input für ihre weitere Forschungstätigkeit geben und zu internationalen Forschungskooperationen inspirieren sollen.</p> <p>ALLIANCE wird bei dieser Veranstaltung von sieben Nachwuchswissenschaftlerinnen und -wissenschaftlern vertreten, die Mitglieder der wissenschaftlichen Kooperationsteams des Projekts sind.</p> <p>→ ALLIANCE Project Website</p> <p> Presseinfo: 10. Internationaler Doktorandenworkshop zur Logistik in Magdeburg, Deutschland [PDF, 0,05 MB]</p>		<h3>Kontakt</h3>  <p>Dipl.-Vw. Kay Matzner International Business Development</p> <p>Fraunhofer-Institut für Fabrikbetrieb und -automatisierung IFF Joseph-von-Fraunhofer-Str. 1 39106 Magdeburg, Deutschland</p> <p>Telefon +49 391 4090-159 Fax +49 391 4090-432</p> <p>→ E-Mail senden</p>

Figure 8: 6th press release (German version)



Preses relīze #7

2017. gada 26.jūnijā, Volos, Grieķijā

Veiksmīga mācību programmu īstenošana "10. Starptautiskajā Loģistikas Seminārā doktorantiem" un „Modelēšanas un Simulācijas Seminārā Ražošanā, Loģistikā, Transportā un Satiksmē”.

No 2017. gada 20. līdz 21. jūnijam Magdeburgā, Vācijā ar lieliem panākumiem tika īstenota mācību programma "10. Starptautiskajā Loģistikas Seminārā doktorantiem" un „Modelēšanas un Simulācijas Seminārā Ražošanā, Loģistikā, Transportā un Satiksmē”.

Šī programma ir daļa no ALLIANCE projekta īpašām zināšanu - apmaiņas aktivitātēm, kuru rīkoja Otto von Guericke Universitātes Logistics and Material Handling Systems Institūts sadarbībā ar Fraunhofer Institute for Factory Operation and Automation IFF.

Šajā pasākumā ALLIANCE pārstāvēja jaunie pētnieki (maģistri un doktoranti), maģistra grāda un doktora grāda īpašnieki, pēcdiploma pētnieki un profesori, no kuriem lielākā daļa ir projekta sadarbības pētniecības grupas locekļi. Kopumā abos semināros studenti un darbinieki sniedza 5 prezentācijas:

- "Questions of the transport infrastructure development financing in Latvia: problems and solutions" (O. Skorobogatova-TTI)
- "Research of ground vehicles movement control on the aerodrome using simulation" (I. Alomar – TTI, W. Hofmann – IFF)
- "Accessibility on long-distance terminals: case study Riga coach international terminal" (E. Budilovica – TTI, M. Tsami – UTH, V. Magginas – UTH)
- "Establishing initial operating range for cooperative UAV collision avoidance system" (D. Lancovs – TTI)
- "Environmental impact assessment based on microscopic traffic flow simulation" (M. Savrasovs – TTI, I. Pticina – TTI, I. Yatskiv – TTI).

Lai saņemtu sīkāku informāciju par projektu, lūdzu, sazināties:

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Vai apmeklējiet projekta ALLIANCE mājas lapu: www.alliance-project.eu

Figure 9: 7th press release (Latvian version)

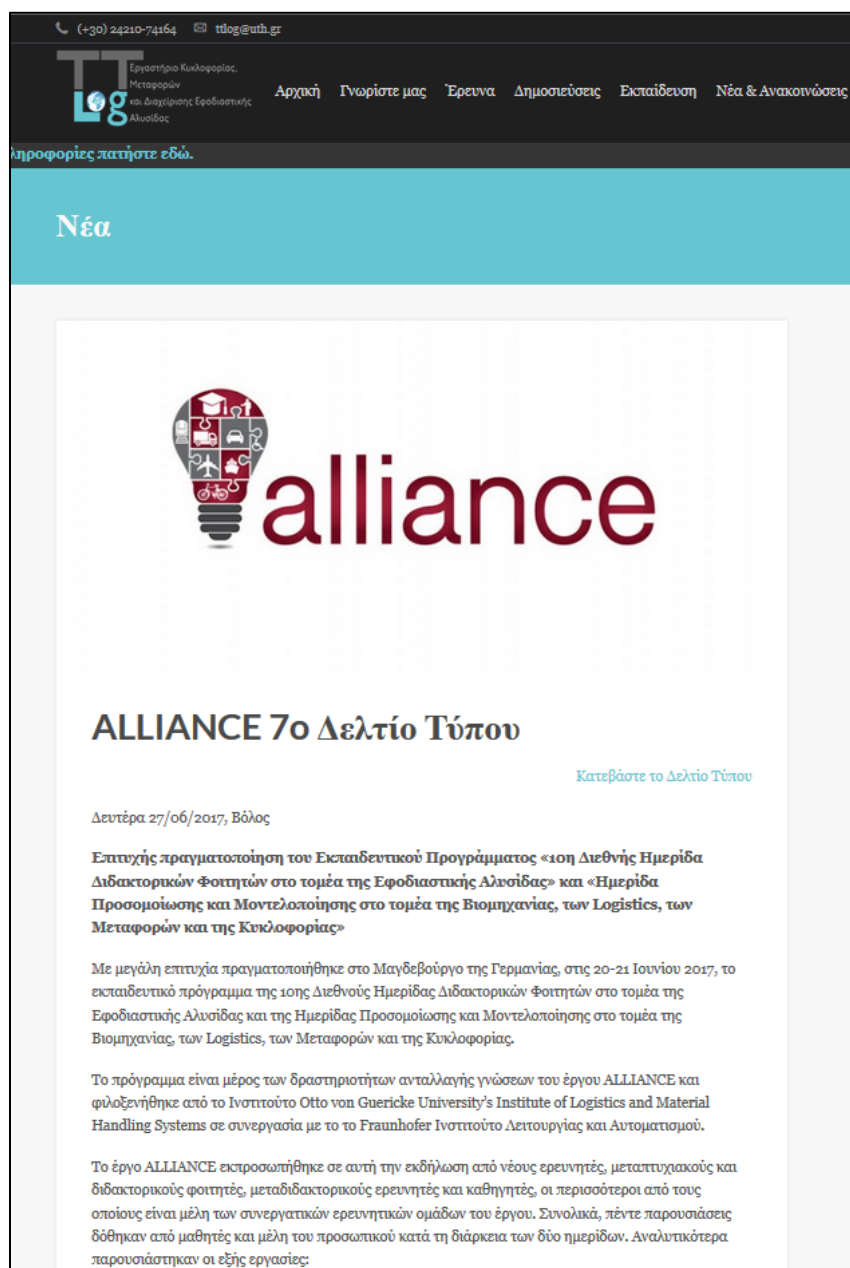


Figure 10: UTH-TTLog website presentation of the 7th press release (Greek version)

3.3 ALLIANCE activities and participation in Conferences and other events

In order to support sustainability of the educational/training activities, ALLIANCE Consortium organizes or supports several events, and the members of the Consortium participate in technical meetings, roundtables, etc. An overview of these events is presented in the following paragraphs.

ALLIANCE dissemination managers, Prof. Eftihia Nathanail and Dr. Giannis Adamos participated in the Transportation Research Board (TRB) 96th Annual Meeting, which was held in Washington D.C. in January 8-12, 2017. Prof. Eftihia Nathanail presented the paper “Developing an educational program for transportation across regions: The case of intermodal connections for Latvia and the region”, prepared by UTH and TTI partners, based on the research and work that has been conducted in ALLIANCE. The presentation was given during the business meeting of the TRB Standing Committee on Transportation Education and Training (Figure 11).

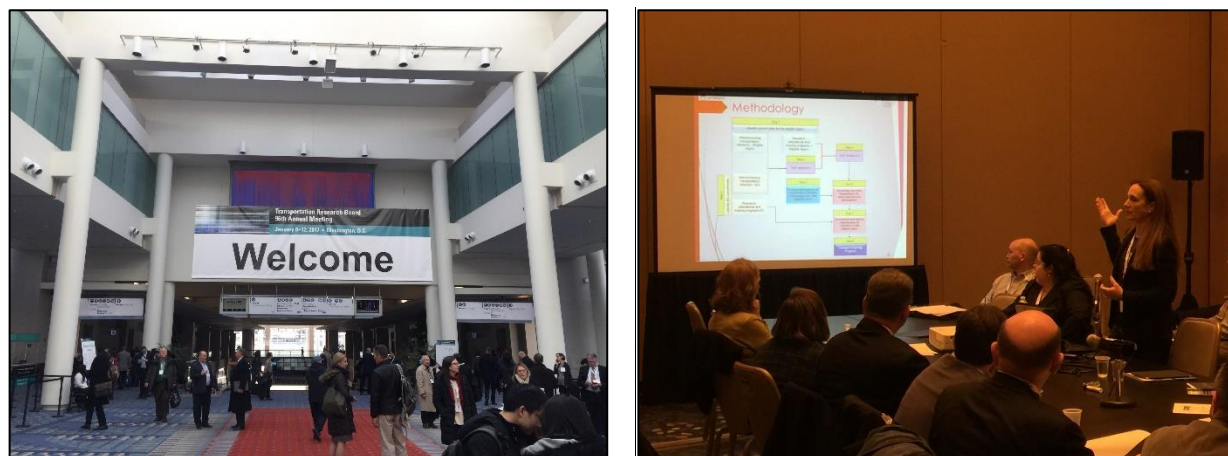


Figure 11: ALLIANCE presence at TRB2017

In March 2017 the project’s coordinator Prof. Irina Yatskiv (Jackiva) moderated a round table formed by ALLIANCE stakeholders. Representatives of the public and private sector, academia and research entities of Latvia, such as, X InfoTech Ltd., KREISS Ltd., ATALANT-TEC Ltd., Riga International Airport, Employers’ Confederation of Latvia, and others discussed potential collaboration opportunities between industry and academia. Prof. Yatskiv (Jackiva) “opened” the round table with a presentation entitled as “The 3rd generation of the universities: specialists, researchers and businessmen teaching at the same time: This is important for business” and continued with a description of the ALLIANCE project (Figure 12).



Figure 12: ALLIANCE stakeholder roundtable

In April 2017, the Research Project Department of TTI, together with ALLIANCE project representatives carried out a targeted meeting with industry representatives in order to explore opportunities of potential financing from ERDF for realizing collaborative research. The meeting was attended by a number of Latvian stakeholders: Jana Seta Ltd., TomWare Latvia Ltd., X InfoTech Ltd., Latvia Tours Ltd., etc. Among the topics of this meeting was the determination of the areas with relevance to the industry, that TTI could contribute to. The working group generated a number of ideas which will be further developed for common project proposals (Figure 13).

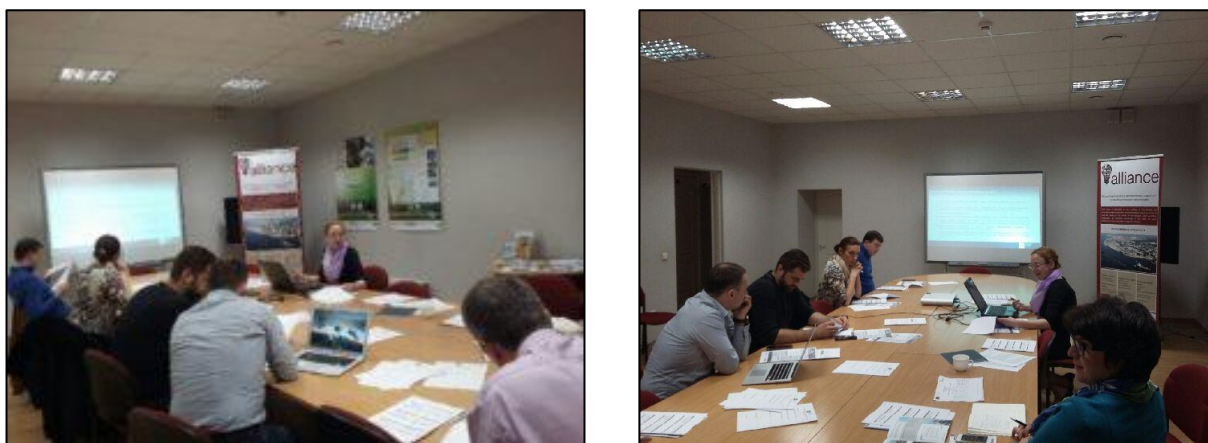


Figure 13: Meeting with industry representatives

ALLIANCE coordinator participated in the 10th International Scientific Conference “Transbaltica 2017: Transportation Science and Technology”, which took place in Vilnius, Lithuania on 4-5 May, 2017. Prof. Yatskiv (Jackiva) presented the paper entitled “Knowledge sharing strategy as a key element of the H2020 programme: Enhancing excellence and innovation capacity in sustainable transport interchanges (ALLIANCE) project” which was prepared by TTI and UTH partners (Figure 14). Also, TTI PhD student Evelina Budilovich made a presentation with topic: “Accessibility to Riga Public Transport Services for Transit Passengers”.

On 25-26 May 2017, Prof. Yatskiv (Jackiva) made a presentation regarding “Education – knowledge – innovations. Challenges and solutions for the transport industry (ALLIANCE EU Project)” in the 20th Business Conference “TransBaltica 2017”, which took place in Riga, Latvia. At this Conference, traditionally, issues about the Latvian transit business were discussed and a lot of representatives of Latvian transport business and media participated. The presentation raised a great interest from participants and a lot of questions were addressed to Prof. Yatskiv (Jackiva) regarding project’s implementations, as well as the opportunity to take part in project events (Figure 15).



Figure 14: 10th International Scientific Conference “TransBaltica 2017”



Figure 15: ALLIANCE presence at the 20th Conference Transbaltica 2017

In May 2017, Dr.sc.ing. Mihails Savrasovs (TTI) took part in Young Researchers Seminar 2017 organized by ECTRI (European Conference of Transport Research Institutes), FEHRL (Forum of European National Highway Research Laboratories and FERSI (Forum of European Road Safety Research Institutes). The seminar took place in Berlin and 38 young researchers from Europe and the United States of America. The Seminar gave the opportunity to participants to present their research works and make networking activities, as well as to find possible collaborations with other

partners in their research area. The representative of TTI, Dr.sc.ing. Savrasovs participated in the section “Traffic modelling” with a presentation entitled: “Wide-scale transport network microscopic simulation using dynamic assignment approach” (Figure 16).



Figure 16: Young Researchers Seminar 2017

In May 2017 ALLIANCE project's representatives Prof. Irina Yatskiv (Jackiva) (coordinator) and Dr.sc.ing. Mihails Savrasovs (WP3 leader) participated in a networking seminar regarding TWINNING projects' implementation in Latvia and sustainability of results. The seminar took place in Riga, Latvia and was organized by the Riga Stradiņš University (RSU) and Transport and Telecommunication Institute (TTI) (Figure 17).



Figure 17: Networking seminar “TWINNING projects in Latvia”

Lastly, ALLIANCE supported the 10th International Logistics Doctoral Student Workshop, which was hosted by the Otto von Guericke University's Institute of Logistics and Material Handling Systems in cooperation with the Fraunhofer Institute for Factory Operation and Automation IFF, on 20 June 2017 in Magdeburg, Germany. The project was represented in this event by eight young researchers, who are members of the project's collaborative research teams (Figure 18).



Figure 18: ALLIANCE at 10th International Logistics Doctoral Student Workshop on Logistics

4 Synopsis

During the 3rd semester of the project, the third part of dissemination material has been developed, including an alternative version of the roll-on banner and two press releases. In addition, the consortium of the project has promoted the ALLIANCE activities through the project webpage (www.alliance-project.eu) and all partners' websites.

The members of the consortium organized, supported or participated in a significant number of events in several European countries and the United States of America.

5 Annexes

Annex A: 6th press release

Annex B: 7th press release

Annex C: Revised version of 1-page presentation

Annex D: Revised version of brief presentation

Annex E: Revised version of leaflet

Annex F: Revised version of poster

Annex G: Revised version of roll-on banner

Annex A



Press release #6

Monday 12/06/2017, Volos, Greece

10th International Logistics Doctoral Student Workshop in Magdeburg, Germany

ALLIANCE supports the 10th International Logistics Doctoral Student Workshop, which is hosted by the Otto von Guericke University's Institute of Logistics and Material Handling Systems in cooperation with the Fraunhofer Institute for Factory Operation and Automation IFF, on 20 June 2017 in Magdeburg, Germany.

Participants from Cuba, France, Greece, Hungary, Latvia, Ukraine and Germany, will present their latest research in the field of logistics. In total, 17 exciting presentations focusing on the thematic areas: "optimization and efficiency in logistics", "supply chains and logistics networks" and "innovation and trends in logistics" are included in the program. According to the topics, thematic discussion groups will be also arranged to inspire the individual doctoral theses and further scientific collaborative activities.

ALLIANCE is represented in this event by 7 young researchers, who are members of the project's collaborative research teams.

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Annex B



Press release #7

Monday 27/06/2017, Volos, Greece

Successful realization of the Training Program: “10th International Doctoral Student Workshop on Logistics” and “Workshop on Modeling and Simulation in Manufacturing, Logistics, Transportation and Traffic”

With great success the training program: “10th International Doctoral Student Workshop on Logistics” and “Workshop on Modeling and Simulation in Manufacturing, Logistics, Transportation and Traffic”, was realized in Magdeburg, Germany from 20 to 21 June, 2017.

The program is part of the ALLIANCE dedicated knowledge-sharing activities, and was hosted by the Otto von Guericke University’s Institute of Logistics and Material Handling Systems in cooperation with the Fraunhofer Institute for Factory Operation and Automation IFF.

ALLIANCE was represented in this event by young researchers, master degree and PhD holders, post-doc researchers and professors, the majority of which are members of the project’s collaborative research teams. In total, five presentations were given by students and staff members during the two workshops:

- “Questions of the transport infrastructure development financing in Latvia: problems and solutions” (O. Skorobogatova – TTI)
- “Research of ground vehicles movement control on the aerodrome using simulation” (I. Alomar – TTI, W. Hofmann – IFF)
- “Accessibility on long-distance terminals: case study Riga coach international terminal” (E. Budilovica – TTI, M. Tsami – UTH, V. Magginas – UTH)
- “Establishing initial operating range for cooperative UAV collision avoidance system” (D. Lancovs – TTI)
- “Environmental impact assessment based on microscopic traffic flow simulation” (M. Savrasovs – TTI, I. Pticina – TTI, I. Yatskiv – TTI).

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Annex C



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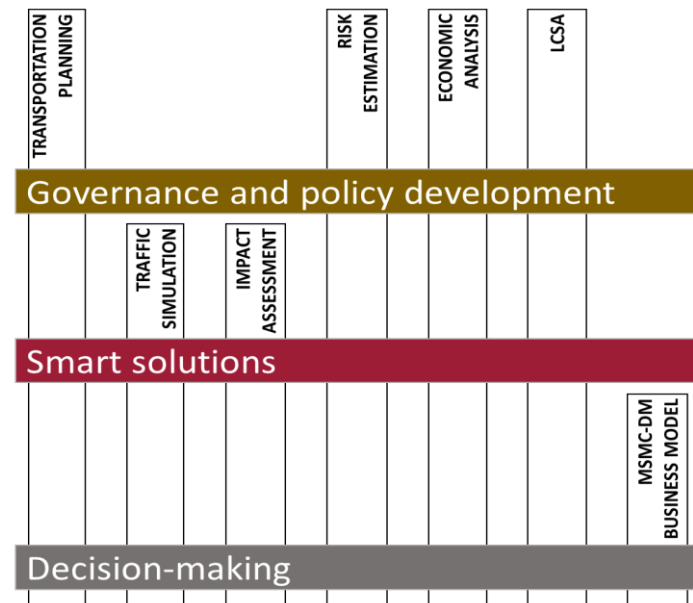
Enhancing excellence and innovation capacity in sustainable transport interchanges

Scope

- Link Transport and Telecommunication Institute (TTI) with University of Thessaly (UTH) and Fraunhofer Institute for Factory Operation and Automation (Fraunhofer)
- Provide knowledge to TTI research staff in the field of smart interconnecting sustainable transport networks
- Facilitate stakeholder collaboration and develop 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

Partners



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 692426

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

Annex D



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and Logistics
Laboratory



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This project has received funding from the *European Union's Horizon 2020 research and innovation programme* under grant agreement No 692426

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

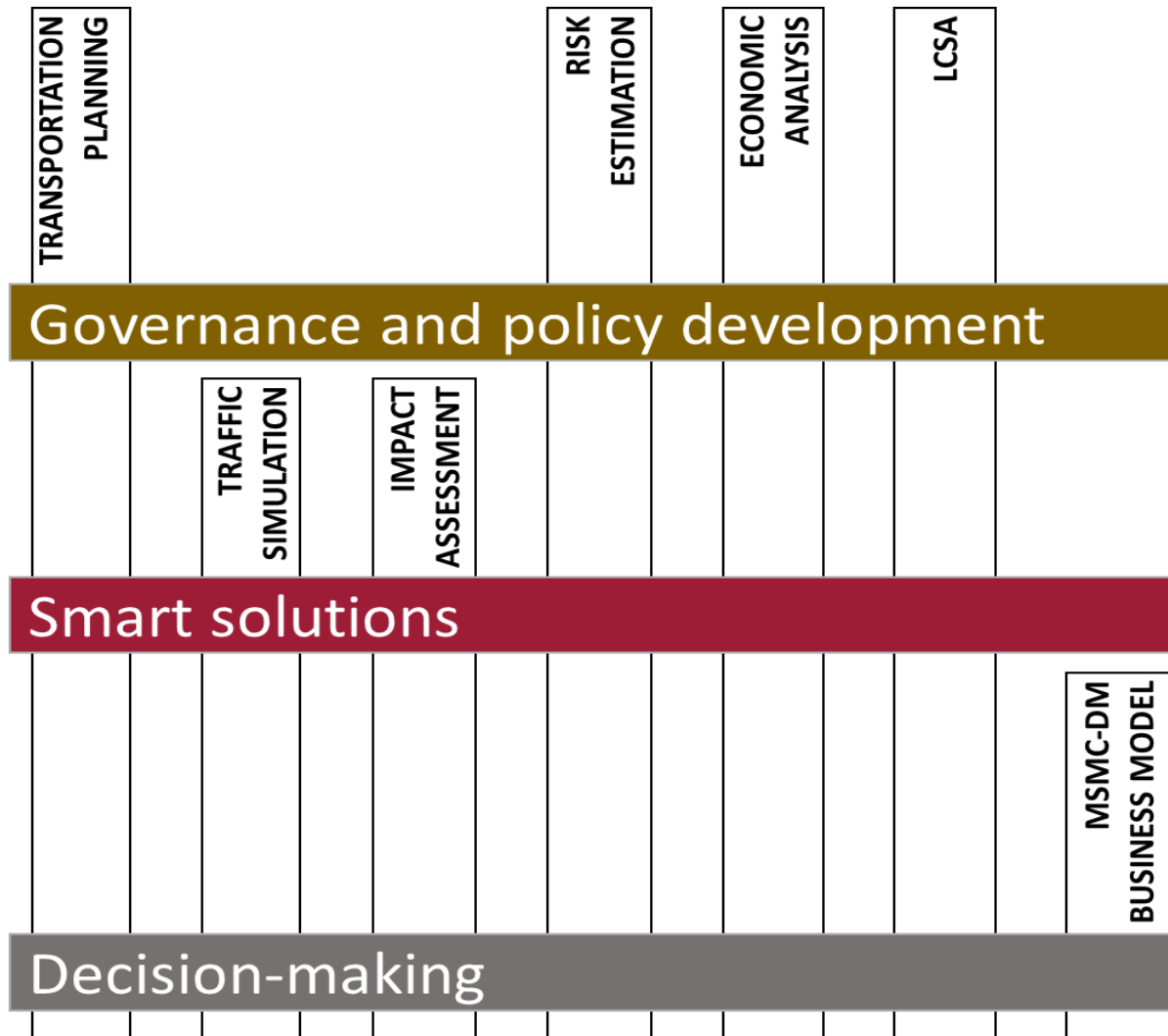


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- ▶ Consideration of the relations among policy makers, industry and education/research
- ▶ Development of a coherent educational/training program, structured around 3 pillars:
 - ✓ Organizational/governance
 - ✓ Operational/services
 - ✓ Service quality/customer 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



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Annex E

Consortium

TRANSPORT AND TELECOMMUNICATION INSTITUTE (TTI)

Latvia

UNIVERSITY OF THESSALY, TRAFFIC TRANSPORTATION & LOGISTICS LABORATORY (UTH-TTLog)

Greece

FRAUNHOFER INSTITUTE FOR FACTORY OPERATION AND AUTOMATION (IFF)

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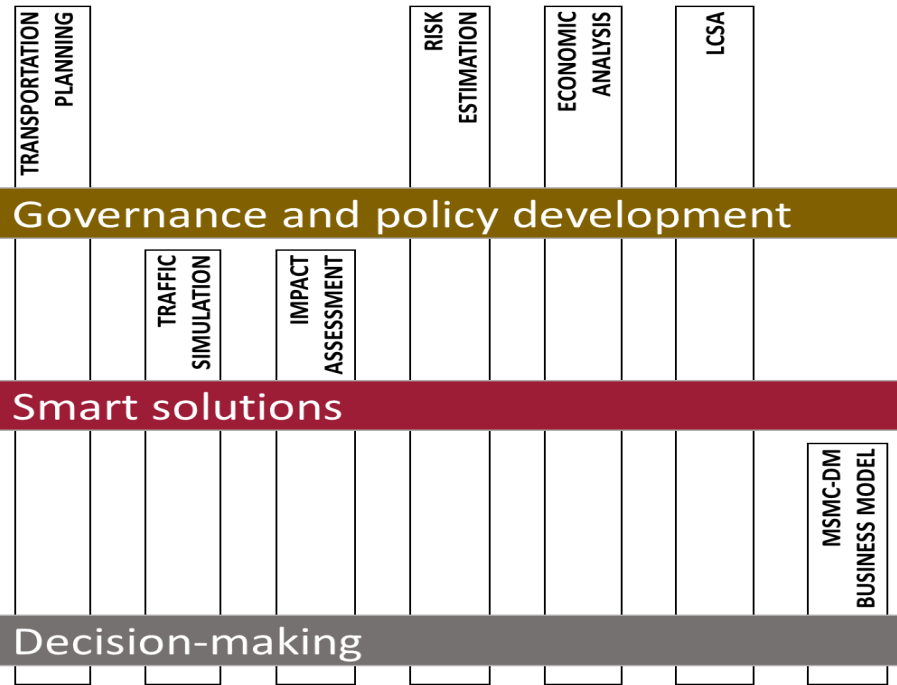
This project has received funding from the *European Union's Horizon 2020 research and innovation programme* under grant agreement No 692426

The scope of the ALLIANCE project is the enabling of stimulating and strengthening the scientific and technological capacity of Latvia and the raising of the profile of the research staff and their institution, by providing knowledge in the field of smart interconnecting sustainable transport networks.

Concept

ALLIANCE is oriented to intermodal passenger and freight transportation systems, taking into account legal and organizational issues, interaction with other domains, such as spatial planning and economic development, identifying smart and sustainable solutions for achieving smooth and seamless transportation, and exploiting decision-making strategies, methodologies and techniques for assessing and evaluating the impact of these solutions on the transportation domain, the economy and the society.

The overall methodology is built around the analysis of the needs of Latvia and the surrounding region of the Baltic sea (Lithuania, Estonia, Poland) on knowledge gain about intermodal transportation terminals and the development of the tools to attain this knowledge, providing at the same time excellence and innovation capability.



ALLIANCE thematic areas

ALLIANCE activities

No.	Activity	Date
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Expected impacts

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Annex F



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Enhancing excellence and innovation capacity in sustainable transport interchanges

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