EUROPEAN UNION
HORIZON 2020 RESEARCH & INNOVATION PROGRAMME

D5.9

Dissemination Material 5

alliance

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

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.	5.9	**Title**	Dissemination material 5
Date of preparation of this version	21 December 2018		
Status (F: Final, D: Draft, RD: Revised Draft)	F		
Issue Date	31 December 2018		
Dissemination Level	Public		
Future reference	ALLIANCE Deliverable D5.9, 2018. Dissemination material 5.		
Author(s)	Eftihia Nathanail, Giannis Adamos & Ioannis Karakikes		
Co-author(s)	-		
Responsible Organisation	UTH		
WP Leader	UTH		
Internal Reviewer(s)	Irina Yatskiv (Jackiva), TTI Kay Matzner, Fraunhofer		
Project Officer	Agnes Hegyvarine Nagy		

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

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF ABBREVIATIONS

Abbreviation	Description
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

The present deliverable provides an overview of the fifth part of the dissemination material that has been developed for the ALLIANCE project, addressing material that has been designed during the third year of the project's lifecycle, and including: six press releases, the poster of the 2nd ALLIANCE Summer School, the 5th Fact Sheet, the 3rd ALLIANCE newsletter, the ALLIANCE promotional video, and two promotional articles. In addition, the project's events and activities for the same period are presented.

1. Introduction

1.1 Contents of the deliverable

University of Thessaly, acting as the dissemination manager of ALLIANCE, is responsible to develop the appropriate material for promoting the project to the wider audience, through events, activities and media channels, including international, European and national Conferences, Workshops and Forums.

Deliverable D5.9 includes the fifth part of the dissemination material of ALLIANCE. New material for the last year includes six press releases, the poster of the 2nd ALLIANCE Summer School, the 5th Fact Sheet, the 3rd ALLIANCE newsletter, the ALLIANCE promotional video, and two promotional articles.

This deliverable also documents the monitoring of the impact of the project, with the use of key statistics for the website (visits, users, page views), and the presentation of the project's events and extroversion activities.

A synopsis is presented in the last part of the deliverable, and nine annexes follow with the new 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.
- Development of a Lifelong Education (LLE) program with e-learning courses.
- 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.
- Establishment of a Virtual Research Compliance Office (V-RCO) for guidance through the whole process of students' research.

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 year of the project's lifecycle is presented in this chapter.

2.1 Press Releases

To communicate the achieved progress and disseminate information about forthcoming events, ALLIANCE distributes press releases at specific milestones. During the last year of the project, six press releases were issued. The first press release of this semester (11th press release) announced the special session of ALLIANCE within the 4th Conference on Sustainable Urban Mobility (CSUM2018) in Skiathos Island, Greece. The 12th press release was a follow up of the main activities of the consortium during CSUM2018. The goal of the next press release (13th) was to summarize the main outcomes of the ALLIANCE 2nd Summer School that was realised at the premises of TTI in Riga, Latvia in July 2018. The 14th press release announced the ALLIANCE Final Conference and the Young Researchers' and Train-the-Trainers' Seminars in Riga in October 2018, during the 18th International Conference on Reliability and Statistics in Transportation and Communication (RelStat-18). The organization of a special session of ALIANCE within European Transport Conference (ETC2018) in collaboration with EU project SKILLFUL was promoted through the 15th press release. The last press release of this semester (16th) gave an overview of the realization of the project's Final Conference.

The press releases were translated in the three national languages of the ALLIANCE partners (Latvian, Greek and German) and were promoted through the project's social media accounts.

alliance

Press release #11

Monday 21/05/2018, Volos, Greece

ALLIANCE Special Session during the 4th Conference on Sustainable Urban Mobility

ALLIANCE Consortium organizes Special Session in Skiathos Island, Greece on 25 May 2018, during the 4th Conference on Sustainable Urban Mobility (CSUM2018).

Young researchers, master degree and PhD holders, post-doc researchers and professors from TTI, UTH and Fraunhofer IFF are expected to present the work of their collaborative research teams. In total, seven presentations will be given by students and staff members:

- Integrating logistics and transportation simulation tools for long-term planning - *Ioannis Karakikes, Wladimir Hofmann, Lambros Mitropoulos and Mihails Savrasovs*
- Development and simulation of priority based control strategies of ground vehicles movements on the aerodrome - *Iyad Alomar, Juri Tolujew and David Weigert*
- Design and prototyping of IoD shared service for small and medium enterprise - *Aleksandrs Avdeikins and Mihails Savrasovs*
- Comparing the customer use and satisfaction in two Latvian transport Interchanges - *Irina Yatskiv and Vaira Gromule*
- Investigating the accessibility Level in Riga's International Coach Terminal: A comparative analysis with European Interchanges - *Evelina Budilovich, Vissarion Magginas, Giannis Adamos, Irina Yatskiv and Maria Tsami*
- Impact of critical variables on economic viability of converted diesel city bus into electric bus - *Kristine Malnaca and Irina Yatskiv*
- Shopping malls accessibility evaluation based on microscopic traffic flow simulation - *Mihails Savrasovs, Irina Pticina and Valery Zemljanikins.*

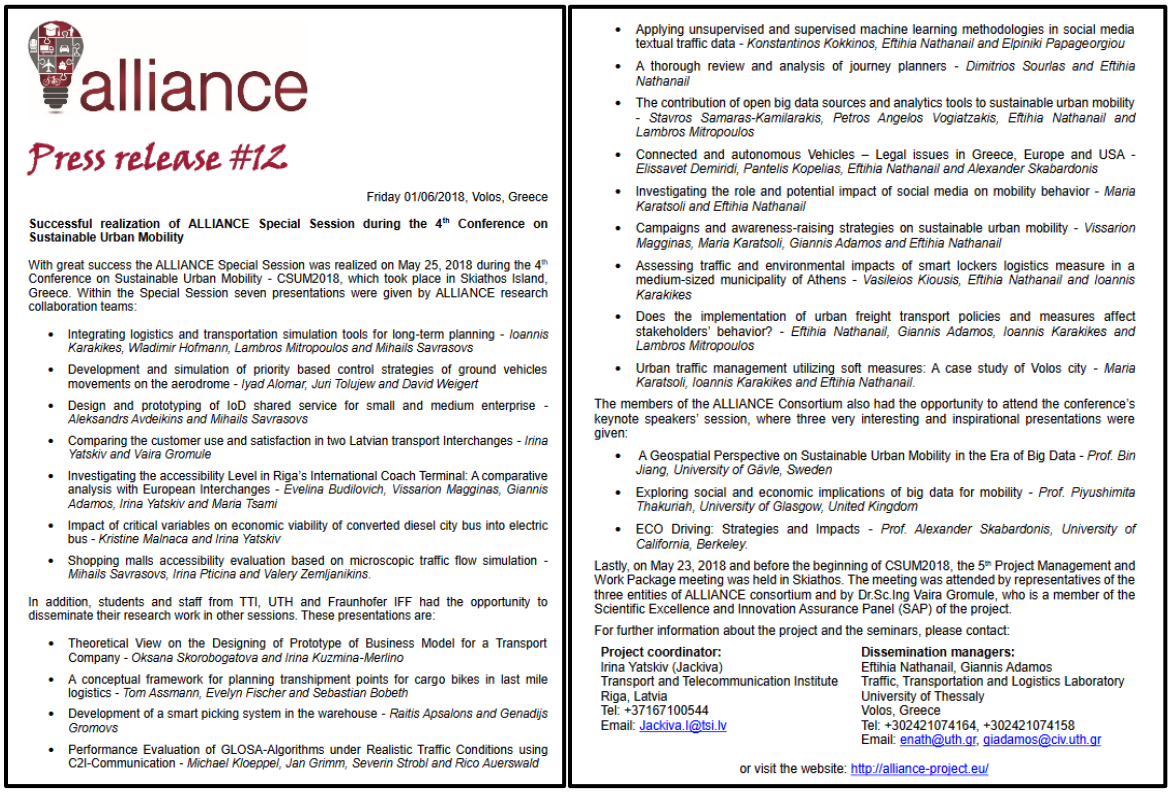
For further information about the project and the seminars, please contact:

Project coordinator:
Irina Yatskiv (Jackiva)
Transport and Telecommunication Institute
Riga, Latvia
Tel: +37167100544
Email: Jackiva.I@tsi.lv

Dissemination managers:
Eftihia Nathanail, Giannis Adamos
Traffic, Transportation and Logistics Laboratory
University of Thessaly
Volos, Greece
Tel: +302421074164, +302421074158
Email: enath@uth.gr, giadamos@civ.uth.gr

or visit the website: http://alliance-project.eu/

Figure 1: 11th Press release



alliance

Press release #12

Friday 01/06/2018, Volos, Greece

Successful realization of ALLIANCE Special Session during the 4th Conference on Sustainable Urban Mobility

With great success the ALLIANCE Special Session was realized on May 25, 2018 during the 4th Conference on Sustainable Urban Mobility - CSUM2018, which took place in Skiathos Island, Greece. Within the Special Session seven presentations were given by ALLIANCE research collaboration teams:

- Integrating logistics and transportation simulation tools for long-term planning - *Ioannis Karakikes, Wladimir Hofmann, Lambros Mitropoulos and Mihails Savrasovs*
- Development and simulation of priority based control strategies of ground vehicles movements on the aerodrome - *Iyad Alomar, Juri Tolujew and David Weigert*
- Design and prototyping of IoD shared service for small and medium enterprise - *Aleksandrs Avdeikins and Mihails Savrasovs*
- Comparing the customer use and satisfaction in two Latvian transport Interchanges - *Irina Yatskiv and Vaira Gromule*
- Investigating the accessibility Level in Riga's International Coach Terminal: A comparative analysis with European Interchanges - *Evelina Budilovich, Vissarion Magginas, Giannis Adamos, Irina Yatskiv and Maria Tsami*
- Impact of critical variables on economic viability of converted diesel city bus into electric bus - *Kristine Malnaca and Irina Yatskiv*
- Shopping malls accessibility evaluation based on microscopic traffic flow simulation - *Mihails Savrasovs, Irina Pticina and Valery Zemljanikins.*

In addition, students and staff from TTI, UTH and Fraunhofer IFF had the opportunity to disseminate their research work in other sessions. These presentations are:

- Theoretical View on the Designing of Prototype of Business Model for a Transport Company - *Oksana Skorobogatova and Irina Kuzmina-Merlino*
- A conceptual framework for planning transhipment points for cargo bikes in last mile logistics - *Tom Assmann, Evelyn Fischer and Sebastian Bobeth*
- Development of a smart picking system in the warehouse - *Raitis Apsalons and Genadijs Gromovs*
- Performance Evaluation of GLOSA-Algorithms under Realistic Traffic Conditions using C2I-Communication - *Michael Kloeppel, Jan Grimm, Severin Strobl and Rico Auerswald*
- Applying unsupervised and supervised machine learning methodologies in social media textual traffic data - *Konstantinos Kokkinos, Eftihia Nathanail and Elpiniki Papageorgiou*
- A thorough review and analysis of journey planners - *Dimitrios Sourlas and Eftihia Nathanail*
- The contribution of open big data sources and analytics tools to sustainable urban mobility - *Stavros Samaras-Kamilarakis, Petros Angelos Vogiatzakis, Eftihia Nathanail and Lambros Mitropoulos*
- Connected and autonomous Vehicles – Legal issues in Greece, Europe and USA - *Elissavet Demiridi, Pantelis Kopelias, Eftihia Nathanail and Alexander Skabardonis*
- Investigating the role and potential impact of social media on mobility behavior - *Maria Karatsoli and Eftihia Nathanail*
- Campaigns and awareness-raising strategies on sustainable urban mobility - *Vissarion Magginas, Maria Karatsoli, Giannis Adamos and Eftihia Nathanail*
- Assessing traffic and environmental impacts of smart lockers logistics measure in a medium-sized municipality of Athens - *Vasileios Kiousis, Eftihia Nathanail and Ioannis Karakikes*
- Does the implementation of urban freight transport policies and measures affect stakeholders' behavior? - *Eftihia Nathanail, Giannis Adamos, Ioannis Karakikes and Lambros Mitropoulos*
- Urban traffic management utilizing soft measures: A case study of Volos city - *Maria Karatsoli, Ioannis Karakikes and Eftihia Nathanail.*

The members of the ALLIANCE Consortium also had the opportunity to attend the conference's keynote speakers' session, where three very interesting and inspirational presentations were given:

- A Geospatial Perspective on Sustainable Urban Mobility in the Era of Big Data - *Prof. Bin Jiang, University of Gävle, Sweden*
- Exploring social and economic implications of big data for mobility - *Prof. Piyushimita Thakuriah, University of Glasgow, United Kingdom*
- ECO Driving: Strategies and Impacts - *Prof. Alexander Skabardonis, University of California, Berkeley.*

Lastly, on May 23, 2018 and before the beginning of CSUM2018, the 5th Project Management and Work Package meeting was held in Skiathos. The meeting was attended by representatives of the three entities of ALLIANCE consortium and by Dr.Sc.Ing Vaira Gromule, who is a member of the Scientific Excellence and Innovation Assurance Panel (SAP) of the project.

For further information about the project and the seminars, please contact:

Project coordinator:
Irina Yatskiv (Jackiva)
Transport and Telecommunication Institute
Riga, Latvia
Tel: +37167100544
Email: Jackiva.I@tsi.lv

Dissemination managers:
Eftihia Nathanail, Giannis Adamos
Traffic, Transportation and Logistics Laboratory
University of Thessaly
Volos, Greece
Tel: +302421074164, +302421074158
Email: enath@uth.gr, giadamos@civ.uth.gr

or visit the website: http://alliance-project.eu/

Figure 2: 12th Press release

alliance

Press release #13

Tuesday 24/07/2018, Volos, Greece

Successful realization of the 2nd Summer School in Riga, Latvia

With great success was realized at the premises of TTI in Riga, Latvia, the 2nd Summer school entitled: "Sustainable Transport Interchanges Program (STIP) - Part II: Public Transport Systems: from research to decision making" from 1st to 7th July, 2018. The Summer School was organized by the Transport and Telecommunication Institute (TTI), Traffic, Transportation and Logistics Laboratory of the University of Thessaly (TTLog) and Fraunhofer Institute for Factory Operation and Automation (IFF). In total 25 young researchers from Latvia, Greece and Germany participated in the Summer School.

The School was opened by the representative of the Latvian Transport Ministry **Ms. Inta Rozenšteina** (Deputy Director, Department of Finance and Development Planning), the Chairwoman of the Board JSC "Riga International Coach Terminal" **Dr. Vaira Gromule**, and TTI's Vice-Rector for Science and Development Affairs and ALLIANCE Project coordinator **Prof. Irina Jackiva (Yatskiv)**.

Three invited lecturers gave their presentations in the field of planning and analysis of urban transport systems:

- **Mr. Javier Aldecoa Martínez-Conde,** winner of the ITF/UITP prize on outstanding innovation for public transport (Consorcio Regional de Transportes de Madrid, Spain), lecture title: "Integration of sustainable transport modes in urban modal hubs"
- **Prof. Maria Eugenia Lopez Lambas** (TRANSyT, Universidad Politécnica de Madrid, Spain), lecture title: "Urban interchanges design: are we missing something?"
- **PhD Tamara Djukic** (Senior senior research engineer at Aimsun, Barcelona, Spain), lecture title: "Data as a service for better mobility planning, monitoring and organization".

In addition, the young researchers who attended the Summer School had the opportunity to make educational visits to Riga's Railway Central Station, Riga International Coach Terminal, Riga International Airport and Riga Passenger Port Terminal.

For further information about the project and the Summer school, please contact:

Project coordinator:
Irina Yatskiv (Jackiva)
Transport and Telecommunication Institute
Riga, Latvia
Tel: +37167100544
Email: Jackiva.I@tsi.lv

Dissemination managers:
Eftihia Nathanail, Giannis Adamos
Traffic, Transportation and Logistics Laboratory
University of Thessaly
Volos, Greece
Tel: +302421074164, +302421074158
Email: enath@uth.gr, giadamos@civ.uth.gr

or visit the website: http://alliance-project.eu/

Figure 3: 13th Press release

Press release #14

Thursday 27/09/2018, Volos, Greece

ALLIANCE Final Conference, Young Researchers' and Train-the-Trainers' Seminars in Riga, Latvia

To share the findings and the outcomes of the project and to support sustainability of the educational/training activities, ALLIANCE Consortium organizes the ALLIANCE Final Conference, Young Researchers' and Train-the-Trainers' Seminar in Riga, Latvia, during the 18th International Conference on RELIABILITY and STATISTICS in TRANSPORTATION and COMMUNICATION (RelStat-18), which will be held from 16-20 October, 2018.

The Final ALLIANCE Conference aims at bringing together Latvian and European researchers, practitioners and stakeholders to share the results of the project as well as to discuss about trends and new prospects on sustainable urban interchanges. In the first part of the ALLIANCE final Conference a summary of the main outcomes of ALLIANCE European project will be given, and the ALLIANCE collaboration teams will present in a Poster session the key findings of their three-year common research work. In the second part, representatives of Latvian transport bodies will discuss in a roundtable about the challenges and trends in Latvian transport interchanges development.

The Train-the-Trainers Seminar will focus on education and training issues in engineering focusing on the digitalization and long life education, and the young Researchers' Seminar, entitled "Sustainable Transport Interchanges", will give the opportunity to 15 postgraduate and PhD students from Latvia, Greece and Germany to present their collaboration team's research work.

For further information about the project and the seminars, please contact:

Project coordinator:
Irina Yatskiv (Jackiva)
Transport and Telecommunication Institute
Riga, Latvia
Tel: +37167100544
Email: Jackiva.I@tsi.lv

Dissemination managers:
Eftihia Nathanail, Giannis Adamos
Traffic, Transportation and Logistics Laboratory
University of Thessaly
Volos, Greece
Tel: +302421074164, +302421074158
Email: enath@uth.gr, giadamos@civ.uth.gr

or visit the website: http://alliance-project.eu/

Figure 4: 14th Press release

alliance

Press release #15

Monday 15/10/2018, Volos, Greece

Special Session in European Transport Conference ETC2018 in Dublin, Ireland

ALLIANCE project co-organized with EU project SKILLFUL the special session entitled "**Education and Training – New challenges towards the Future Transport**" within the European Transport Conference (ETC) on 10-12 October 2018 in Dublin, Ireland. The scope of the special session was to disseminate information about the progress and the findings of the two projects with strong emphasis on development of linkage among education, research and industry.

The special session was organized into two parts: a) presentations about ALLIANCE and SKILLFULL projects, and 2) a subsequent round table for discussions between researchers and stakeholders invited by the project's consortia. In total, five presentations were given:

- ALLIANCE Project: Partnerships for innovation, skills and jobs and how to engage the profitable international cooperation (Prof. Irina Yatskiv (Jackiva), TTI)
- ALLIANCE Project: New educational program on intermodal connections (Dr. Giannis Adamos, UTH)
- ALLIANCE Project: Assessing knowledge of stakeholders on sustainable interchanges' design and operation (Dr. Mihails Savrasovs, TTI)
- SKILLFUL Project: Skills and competences development of future transportation professionals at all levels (Mrs. Matina Loukea, CERTH/HIT)
- SKILLFUL Project: Training needs and skills gaps across the transportation sector. (Ms. Grace Moloney, UCD).

During the round table, the following key questions were discussed:

- How to facilitate stakeholder collaboration and the development of strong linkage among education, research and industry?
- How we can focus education, research and innovation activity on social and economic development?
- Balanced combination to the triplex of research/education, industry and policy makers, acknowledging the key role of society. How to increase related R&I impact and exploitation?
- How to identify the skills and competences needed by the Transport workforce of the future?

For further information about the project and the seminars, please contact:

Project coordinator:
Irina Yatskiv (Jackiva)
Transport and Telecommunication Institute
Riga, Latvia
Tel: +37167100544
Email: Jackiva.I@tsi.lv

Dissemination managers:
Eftihia Nathanail, Giannis Adamos
Traffic, Transportation and Logistics Laboratory
University of Thessaly
Volos, Greece
Tel: +302421074164, +302421074158
Email: enath@uth.gr, giadamos@civ.uth.gr

or visit the website: http://alliance-project.eu/

Figure 5: 15th Press release

alliance

Press release #16

Monday 22/10/2018, Volos, Greece

Successful realization of the ALLIANCE Final Conference "Sustainable urban interchanges: Trends and new prospects" in Riga, Latvia

The Transport and Telecommunication Institute (TTI) in cooperation with Traffic, Transportation and Logistics Laboratory of the University of Thessaly (TTLog) and Fraunhofer Institute for Factory Operation and Automation (Fraunhofer IFF) successfully realized the **ALLIANCE Final Conference "Sustainable urban interchanges: Trends and new prospects"** on 17 October 2018 at the premises of TTI in Riga, Latvia. In total 52 participants from Latvia, Greece and Germany participated in the Conference.

The ALLIANCE Final Conference aimed at bringing together Latvian and European researchers, practitioners and stakeholders to share the results of the project as well as to discuss about trends and new prospects on sustainable urban interchanges.

In the first part of the Conference, a summary of the main outcomes of the ALLIANCE project was given, and the project's collaboration teams presented the key findings of their three-year common research work in a Poster Session. In the second part, representatives of Latvian transport bodies discussed in a roundtable about the challenges and trends in Latvian transport interchanges development.

For further information about the project and the seminars, please contact:

Project coordinator:
Irina Yatskiv (Jackiva)
Transport and Telecommunication Institute
Riga, Latvia
Tel: +37167100544
Email: Jackiva.I@tsi.lv

Dissemination managers:
Eftihia Nathanail, Giannis Adamos
Traffic, Transportation and Logistics Laboratory
University of Thessaly
Volos, Greece
Tel: +302421074164, +302421074158
Email: enath@uth.gr, giadamos@civ.uth.gr

or visit the website: http://alliance-project.eu/

Figure 6: 16th Press release

2.2 Poster of the 2nd ALLIANCE Summer School

A dedicated poster was designed (Figure 7), in order to be used at the 1st ALLIANCE Summer school.

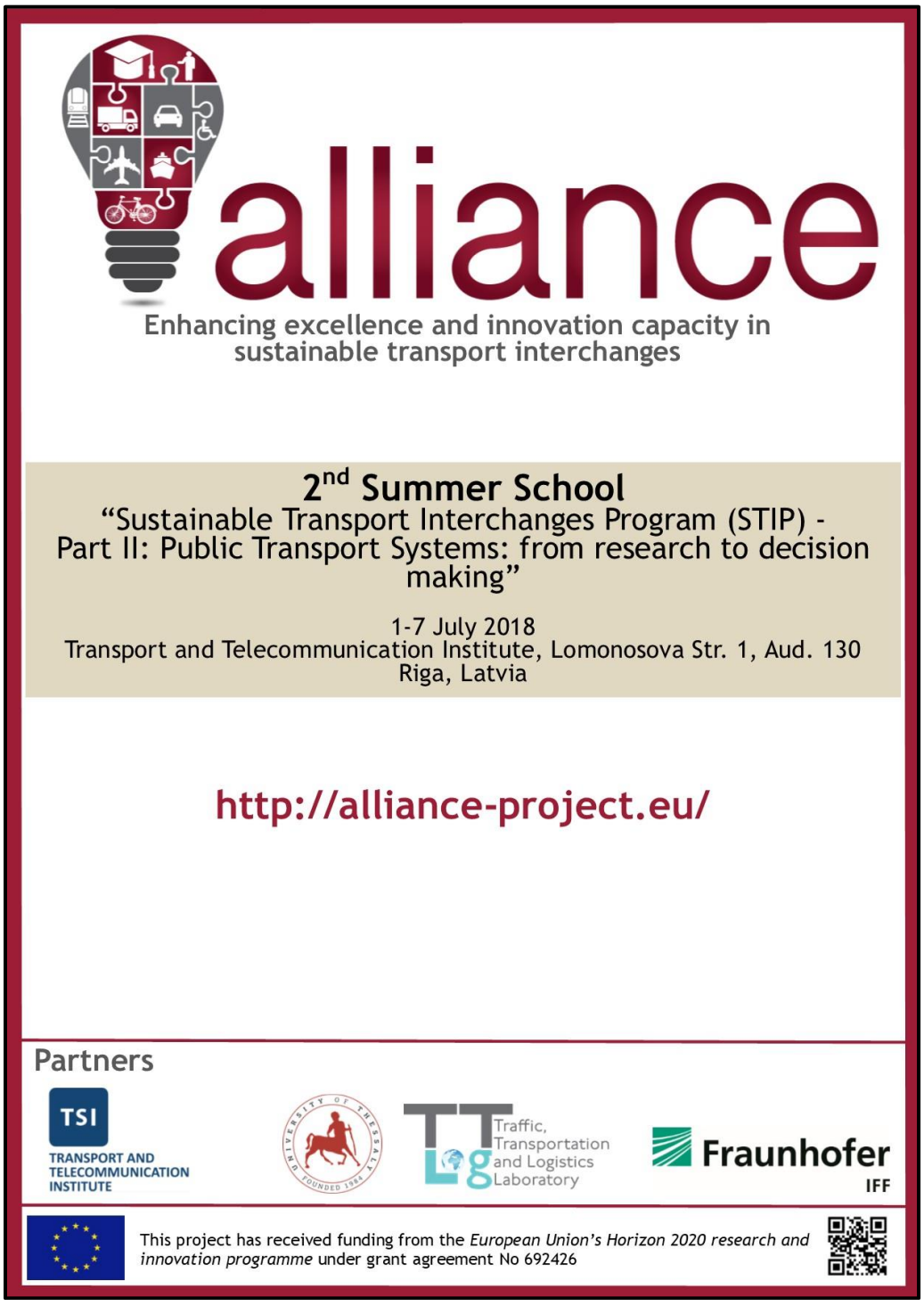


Figure 7: 2nd Summer School poster

2.3 Fact sheets

The fifth ALLIANCE fact sheet, entitled “Towards a lifelong learning e-platform” has been prepared. The scope of the 5th fact sheet is to present the concept of the ALLIANCE lifelong e-learning program (Figure 8). The visitors of the project’s website are able to download the fact sheets.

Figure 8: 5th ALLIANCE fact sheet (cover page)

2.4 Newsletter

The 3rd ALLIANCE newsletter has been produced (Figure 9). It will be available for downloading from the website, and will be sent by email to the project's contact database.


alliance

Newsletter

December 2018 Issue 3

Editorial

Dear reader,

This newsletter signifies the completion of the three years of the ALLIANCE project. Years productive, inspiring, creative, full of challenges, collaborations and achievements. When started, the project set the objective of enhancing excellence in the domain of sustainable transport interchanges, which are the main elements of intermodality, and along with it, it identified an ambitious list of activities to be accomplished. Three years later, we are very satisfied to deliver ALLIANCE's legacy, which constitutes of - but is not restricted to - a complete curriculum for graduate students and PhD candidates, a life-long learning educational and training program for professionals, a long catalog of collaborative scientific publications, joint supervision of PhD researches and well-established academia-industry partnerships.

In the next pages, you will read about last year's activities, which include organizing ALLIANCE's final conference, the 2nd ALLIANCE Summer School, intense course on Decision Making Methodologies, special topics seminars, train-the-trainers and young researchers seminars, special sessions in CSUM2018 and ETC2018, workshop "Science-to-Business: Digitalization in Logistics and Transport", and participating in the International Conference TransBaltica 2018, the Meeting on Road Safety Performance in Riga, the 11th International Doctoral Students Workshop on Logistics and the 15th Anniversary of the Association of Pan-European Coach Terminals. As a testimonial to scientific excellence, ALLIANCE funded young researchers to present their work at selected Conferences and sponsored the ALLIANCE Scientific Excellence Award, which aims to attract more students into sustainable transportation.

We are looking forward to hearing from you and cooperating towards enhancing excellence and innovation capacity in sustainable transport interchanges!

Prof. Irina Yatskiv (Jackiva)
Project Coordinator

Prof. Eftihia Nathanail
Dissemination Manager

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

Figure 9: 3rd ALLIANCE newsletter (cover page)

2.5 ALLIANCE video

The consortium developed an official video of ALLIANCE, promoting in the wider audience the main outcomes of the project and showing in less than 10 minutes the progress achieved during the lifecycle of ALLIANCE (Figure 10).

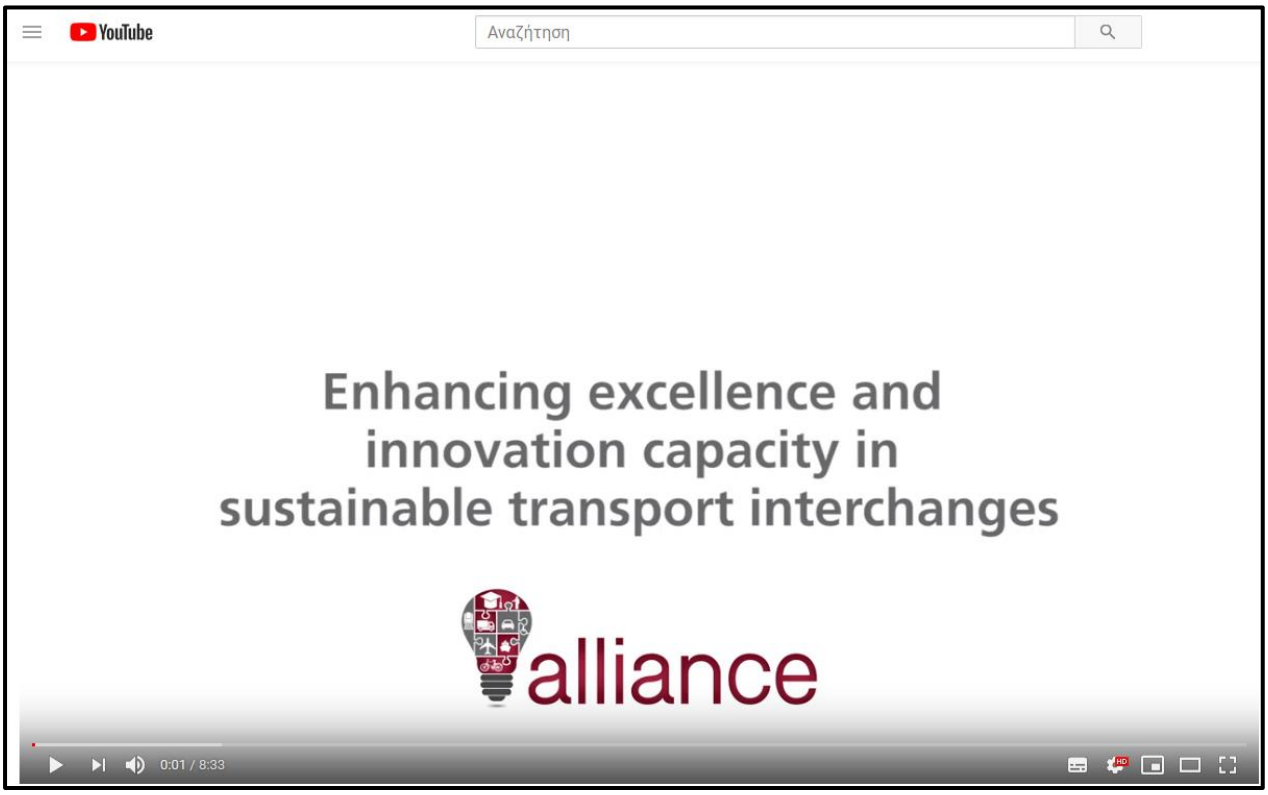


Figure 10: ALLIANCE promotional video in YouTube project's account

2.5 Promotional articles

In December 2018, an interview of Prof. Irina Yatskiv (Jackiva) (TTI) and Prof. Klaus Richter (Fraunhofer IFF) was published in research*eu magazine, under the theme "Transport and mobility" (Figure 11). The title of the article was "Cross-border collaboration positions Latvian university as regional expert in smart transportation".

In addition, an article regarding the recent educational and training activities of the ALLIANCE project, was published in the newsletter of the "European News" magazine (Issue 129, Page 3) of the European office of Cyprus (Figure 12).

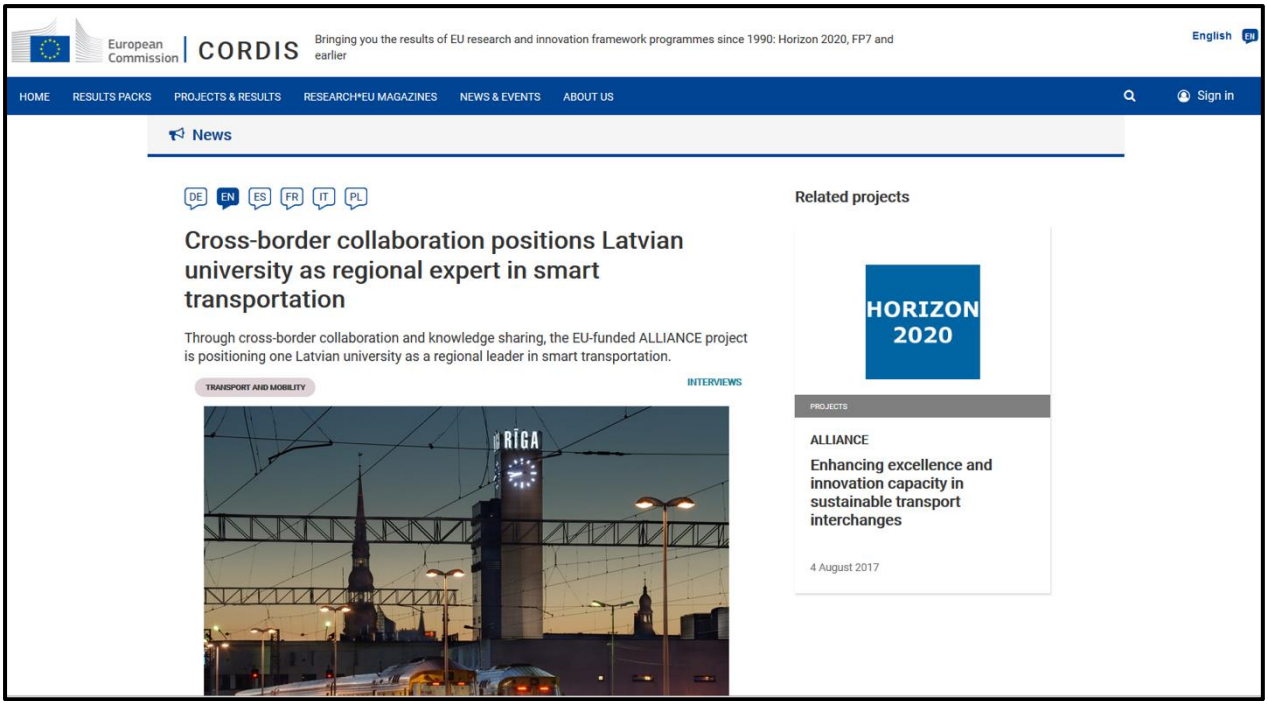


Figure 11: Article about ALLIANCE in research*eu magazine

Figure 12: Article about ALLIANCE in "European News" magazine

3. Impact monitoring system

3.1 Website

Key statistics presenting the use of the project's website for the period 01/03/2016 – 16/12/2018 are as follows (Figure 13):

- Visits (sessions): 8,701
- Users (unique IP): 5,689
- Page views: 23,892

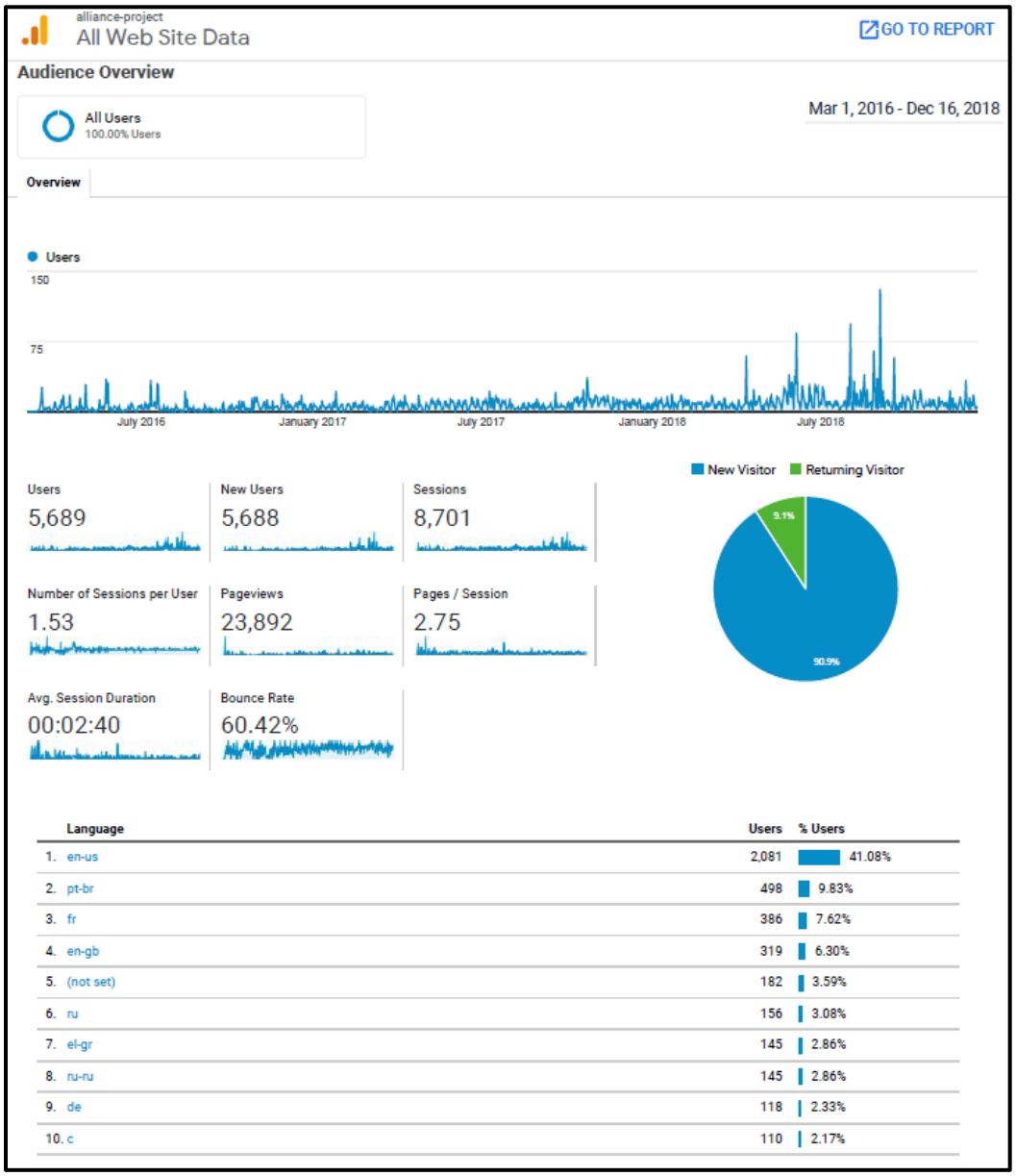


Figure 13: Overview of the website visits, users and page views

In addition, in Figure 14, for the same time period, representative locations (countries) of the visitors is presented. In total, the website was visited by users of 122 different countries.

alliance-project
All Web Site Data

GO TO REPORT

Location

All Users
0.00% Users

Mar 1, 2016 - Dec 16, 2018

Map Overlay

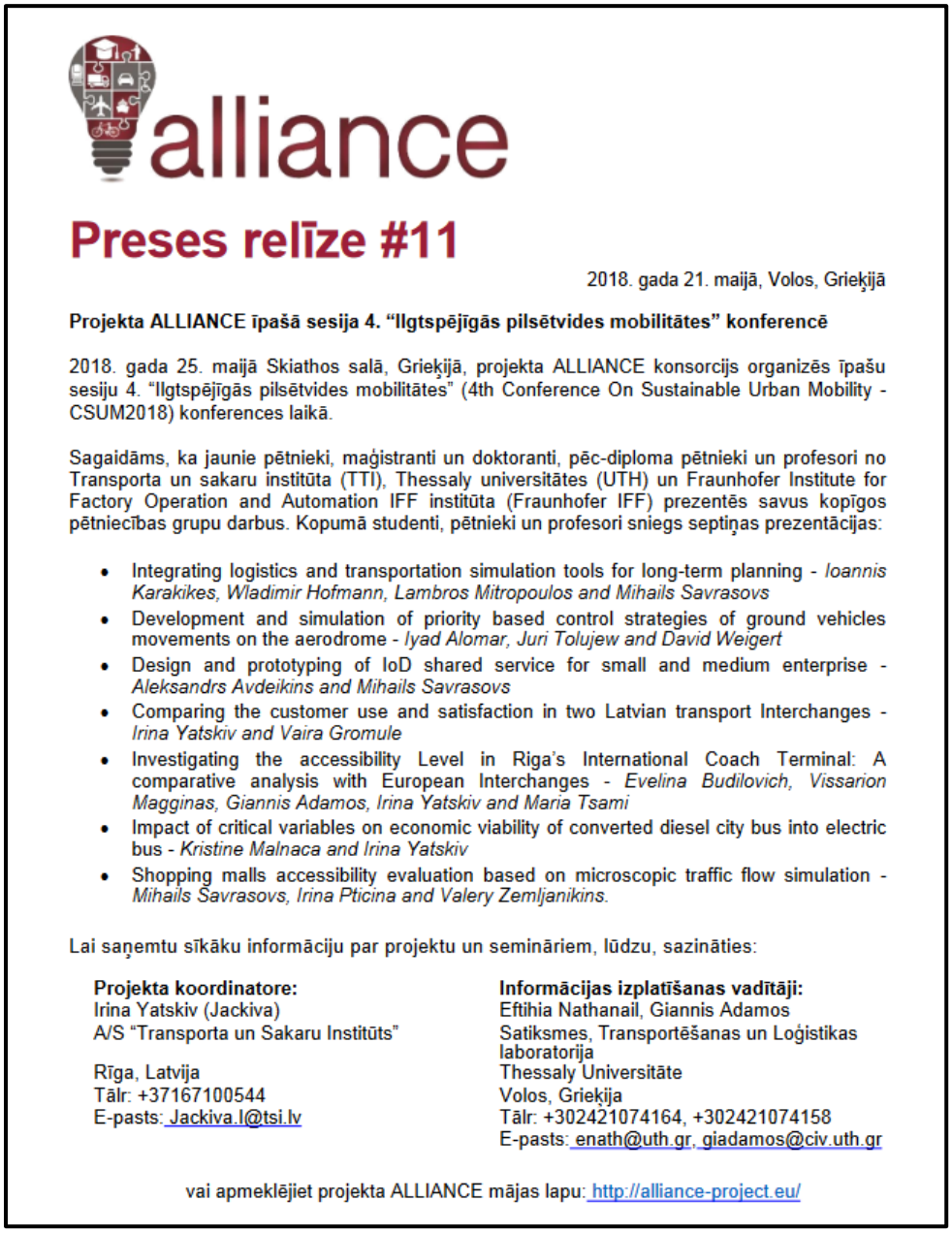
Summary

Country	Acquisition			Behavior			Conversions		
	Users	New Users	Sessions	Bounce Rate	Pages / Session	Avg. Session Duration	Goal Conversion Rate	Goal Completions	Goal Value
	0 % of Total: 0.00% (0)	5,688 % of Total: 100.00% (5,688)	8,701 % of Total: 100.00% (8,701)	60.42% Avg for View: 60.42% (0.00%)	2.75 Avg for View: 2.75 (0.00%)	00:02:40 Avg for View: 00:02:40 (0.00%)	0.00% Avg for View: 0.00% (0.00%)	0 % of Total: 0.00% (0)	$0.00 % of Total: 0.00% ($0.00)
1. Latvia	0 (0.00%)	681 (11.97%)	2,101 (24.15%)	39.41%	4.20	00:04:27	0.00%	0 (0.00%)	$0.00 (0.00%)
2. Greece	0 (0.00%)	499 (8.77%)	1,155 (13.27%)	33.16%	4.91	00:06:35	0.00%	0 (0.00%)	$0.00 (0.00%)
3. United States	0 (0.00%)	774 (13.61%)	787 (9.04%)	92.50%	1.16	00:00:06	0.00%	0 (0.00%)	$0.00 (0.00%)
4. Brazil	0 (0.00%)	621 (10.92%)	630 (7.24%)	96.83%	1.05	00:00:03	0.00%	0 (0.00%)	$0.00 (0.00%)
5. Germany	0 (0.00%)	264 (4.64%)	493 (5.67%)	47.06%	2.99	00:03:22	0.00%	0 (0.00%)	$0.00 (0.00%)
6. France	0 (0.00%)	459 (8.07%)	465 (5.34%)	77.42%	1.25	00:00:45	0.00%	0 (0.00%)	$0.00 (0.00%)
7. United Kingdom	0 (0.00%)	287 (5.05%)	310 (3.56%)	72.90%	1.78	00:00:29	0.00%	0 (0.00%)	$0.00 (0.00%)
8. Russia	0 (0.00%)	129 (2.27%)	300 (3.45%)	38.33%	1.83	00:03:26	0.00%	0 (0.00%)	$0.00 (0.00%)
9. India	0 (0.00%)	190 (3.34%)	210 (2.41%)	77.14%	1.48	00:00:46	0.00%	0 (0.00%)	$0.00 (0.00%)
10. (not set)	0 (0.00%)	146 (2.57%)	147 (1.69%)	70.07%	1.59	00:00:03	0.00%	0 (0.00%)	$0.00 (0.00%)
11. Belgium	0 (0.00%)	78 (1.37%)	133 (1.53%)	57.14%	2.47	00:02:52	0.00%	0 (0.00%)	$0.00 (0.00%)
12. Italy	0 (0.00%)	117 (2.06%)	130 (1.49%)	66.15%	1.88	00:00:48	0.00%	0 (0.00%)	$0.00 (0.00%)
13. Spain	0 (0.00%)	79 (1.39%)	114 (1.31%)	62.28%	1.96	00:01:14	0.00%	0 (0.00%)	$0.00 (0.00%)
14. Portugal	0 (0.00%)	107 (1.88%)	113 (1.30%)	89.38%	1.35	00:00:36	0.00%	0 (0.00%)	$0.00 (0.00%)
15. China	0 (0.00%)	92 (1.62%)	95 (1.09%)	87.37%	1.29	00:00:15	0.00%	0 (0.00%)	$0.00 (0.00%)
16. Canada	0 (0.00%)	88 (1.55%)	88 (1.01%)	97.73%	1.02	00:00:02	0.00%	0 (0.00%)	$0.00 (0.00%)
17. Azerbaijan	0 (0.00%)	87 (1.53%)	87 (1.00%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	$0.00 (0.00%)
18. Ukraine	0 (0.00%)	37 (0.65%)	85 (0.98%)	81.18%	1.47	00:01:07	0.00%	0 (0.00%)	$0.00 (0.00%)
19. Lithuania	0 (0.00%)	38 (0.67%)	70 (0.80%)	47.14%	3.43	00:01:58	0.00%	0 (0.00%)	$0.00 (0.00%)
20. Poland	0 (0.00%)	33 (0.58%)	68 (0.78%)	48.53%	3.97	00:03:37	0.00%	0 (0.00%)	$0.00 (0.00%)
21. Kazakhstan	0 (0.00%)	23 (0.40%)	64 (0.74%)	70.31%	2.02	00:01:47	0.00%	0 (0.00%)	$0.00 (0.00%)
22. Romania	0 (0.00%)	31 (0.55%)	54 (0.62%)	48.15%	3.26	00:04:07	0.00%	0 (0.00%)	$0.00 (0.00%)

Figure 14: Analytics of the visitors' countries

3.2 Press releases

The six press releases have been distributed through the official website of the project (http://alliance-project.eu/), the official partners' websites and the social media of the project. Selected posts of the press releases translated into Latvian, Greek and German language and the posts of press releases at the social media of the project (Twitter and LinkedIn), are presented from Figure 15 to Figure 23.



alliance

Preses relīze #11

2018. gada 21. maijā, Volos, Grieķijā

Projekta ALLIANCE īpašā sesija 4. "Ilgtspējīgās pilsētvides mobilitātes" konferencē

2018. gada 25. maijā Skiathos salā, Grieķijā, projekta ALLIANCE konsorcijs organizēs īpašu sesiju 4. "Ilgtspējīgās pilsētvides mobilitātes" (4th Conference On Sustainable Urban Mobility - CSUM2018) konferences laikā.

Sagaidāms, ka jaunie pētnieki, maģistranti un doktoranti, pēc-diploma pētnieki un profesori no Transporta un sakaru institūta (TTI), Thessaly universitātes (UTH) un Fraunhofer Institute for Factory Operation and Automation IFF institūta (Fraunhofer IFF) prezentēs savus kopīgos pētniecības grupu darbus. Kopumā studenti, pētnieki un profesori sniegs septiņas prezentācijas:

- Integrating logistics and transportation simulation tools for long-term planning - *Ioannis Karakikes, Wladimir Hofmann, Lambros Mitropoulos and Mihails Savrasovs*
- Development and simulation of priority based control strategies of ground vehicles movements on the aerodrome - *Iyad Alomar, Juri Tolujew and David Weigert*
- Design and prototyping of IoD shared service for small and medium enterprise - *Aleksandrs Avdeikins and Mihails Savrasovs*
- Comparing the customer use and satisfaction in two Latvian transport Interchanges - *Irina Yatskiv and Vaira Gromule*
- Investigating the accessibility Level in Riga's International Coach Terminal: A comparative analysis with European Interchanges - *Evelina Budilovich, Vissarion Magginas, Giannis Adamos, Irina Yatskiv and Maria Tsami*
- Impact of critical variables on economic viability of converted diesel city bus into electric bus - *Kristine Malnaca and Irina Yatskiv*
- Shopping malls accessibility evaluation based on microscopic traffic flow simulation - *Mihails Savrasovs, Irina Pticina and Valery Zemljanikins.*

Lai saņemtu sīkāku informāciju par projektu un semināriem, lūdzu, sazinājaties:

Projekta koordinatore:
Irina Yatskiv (Jackiva)
A/S "Transporta un Sakaru Institūts"

Rīga, Latvija
Tālr: +37167100544
E-pasts: Jackiva.I@tsi.lv

Informācijas izplatīšanas vadītāji:
Eftihia Nathanail, Giannis Adamos
Satiksmes, Transportēšanas un Loģistikas laboratorija
Thessaly Universitāte
Volos, Grieķija
Tālr: +302421074164, +302421074158
E-pasts: enath@uth.gr, giadamos@civ.uth.gr

vai apmeklējiet projekta ALLIANCE mājas lapu: http://alliance-project.eu/

Figure 15: 11th press release (Latvian version)

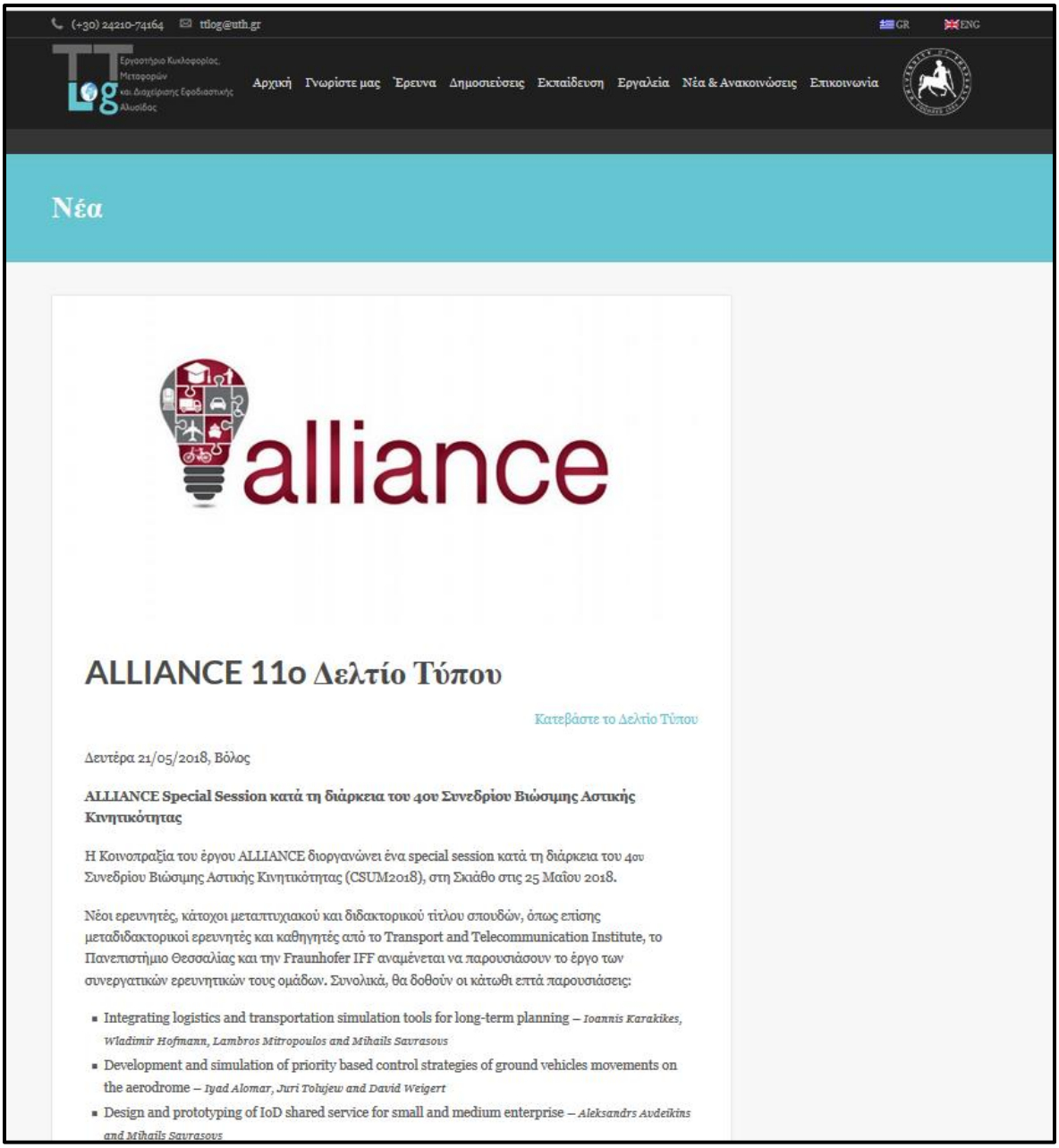
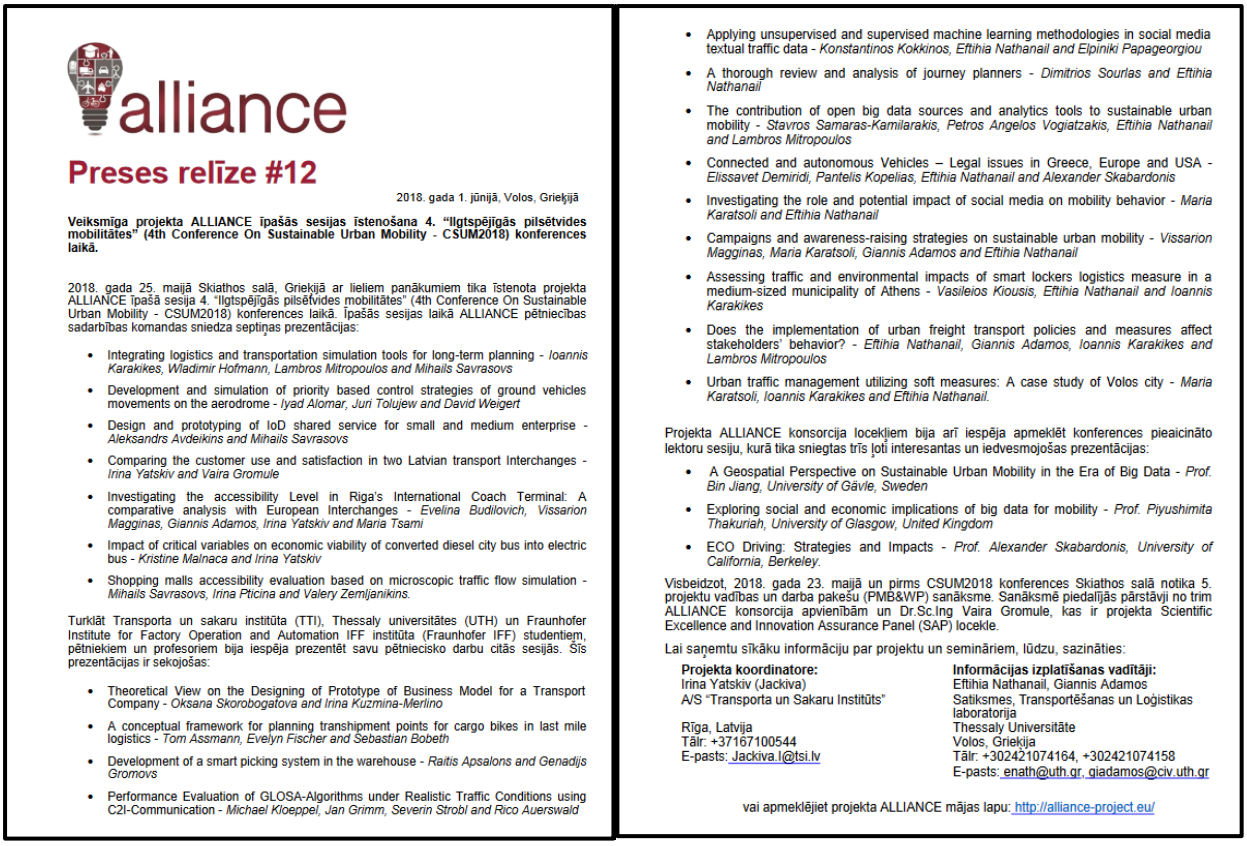


Figure 16: UTH-TTLog website presentation of the 11th press release (Greek version)

Figure 17: Fraunhofer IFF website presentation of the 11th press release (German version)



alliance

Preses relīze #12

2018. gada 1. jūnijā, Volos, Grieķijā

Veiksmīga projekta ALLIANCE īpašās sesijas īstenošana 4. "Ilgtspējīgās pilsētvides mobilitātes" (4th Conference On Sustainable Urban Mobility - CSUM2018) konferences laikā.

2018. gada 25. maijā Skiathos salā, Grieķijā ar lieliem panākumiem tika īstenota projekta ALLIANCE īpašā sesija 4. "Ilgtspējīgās pilsētvides mobilitātes" (4th Conference On Sustainable Urban Mobility - CSUM2018) konferences laikā. Īpašās sesijas laikā ALLIANCE pētniecības sadarbības komandas sniedza septiņas prezentācijas:

- Integrating logistics and transportation simulation tools for long-term planning - *Ioannis Karakikes, Wladimir Hofmann, Lambros Mitropoulos and Mihails Savrasovs*
- Development and simulation of priority based control strategies of ground vehicles movements on the aerodrome - *Iyad Alomar, Juri Tolujew and David Weigert*
- Design and prototyping of IoD shared service for small and medium enterprise - *Aleksandrs Avdeikins and Mihails Savrasovs*
- Comparing the customer use and satisfaction in two Latvian transport Interchanges - *Irina Yatskiv and Vaira Gromule*
- Investigating the accessibility Level in Riga's International Coach Terminal: A comparative analysis with European Interchanges - *Evelina Budilovich, Vissarion Magginas, Giannis Adamos, Irina Yatskiv and Maria Tsami*
- Impact of critical variables on economic viability of converted diesel city bus into electric bus - *Kristine Malnaca and Irina Yatskiv*
- Shopping malls accessibility evaluation based on microscopic traffic flow simulation - *Mihails Savrasovs, Irina Pticina and Valery Zemljanikins.*

Turklāt Transporta un sakaru institūta (TTI), Thessaly universitātes (UTH) un Fraunhofer Institute for Factory Operation and Automation IFF institūta (Fraunhofer IFF) studentiem, pētniekiem un profesoriem bija iespēja prezentēt savu pētniecisko darbu citās sesijās. Šīs prezentācijas ir sekojošas:

- Theoretical View on the Designing of Prototype of Business Model for a Transport Company - *Oksana Skorobogatova and Irina Kuzmina-Merlino*
- A conceptual framework for planning transhipment points for cargo bikes in last mile logistics - *Tom Assmann, Evelyn Fischer and Sebastian Bobeth*
- Development of a smart picking system in the warehouse - *Raitis Apsalons and Genadijs Gromovs*
- Performance Evaluation of GLOSA-Algorithms under Realistic Traffic Conditions using C2I-Communication - *Michael Kloeppel, Jan Grimm, Severin Strobl and Rico Auerswald*
- Applying unsupervised and supervised machine learning methodologies in social media textual traffic data - *Konstantinos Kokkinos, Eftihia Nathanail and Elpiniki Papageorgiou*
- A thorough review and analysis of journey planners - *Dimitrios Sourlas and Eftihia Nathanail*
- The contribution of open big data sources and analytics tools to sustainable urban mobility - *Stavros Samaras-Kamilarakis, Petros Angelos Vogiatzakis, Eftihia Nathanail and Lambros Mitropoulos*
- Connected and autonomous Vehicles – Legal issues in Greece, Europe and USA - *Elissavet Demiridi, Pantelis Kopelias, Eftihia Nathanail and Alexander Skabardonis*
- Investigating the role and potential impact of social media on mobility behavior - *Maria Karatsoli and Eftihia Nathanail*
- Campaigns and awareness-raising strategies on sustainable urban mobility - *Vissarion Magginas, Maria Karatsoli, Giannis Adamos and Eftihia Nathanail*
- Assessing traffic and environmental impacts of smart lockers logistics measure in a medium-sized municipality of Athens - *Vasileios Kiousis, Eftihia Nathanail and Ioannis Karakikes*
- Does the implementation of urban freight transport policies and measures affect stakeholders' behavior? - *Eftihia Nathanail, Giannis Adamos, Ioannis Karakikes and Lambros Mitropoulos*
- Urban traffic management utilizing soft measures: A case study of Volos city - *Maria Karatsoli, Ioannis Karakikes and Eftihia Nathanail.*

Projekta ALLIANCE konsorcija locekļiem bija arī iespēja apmeklēt konferences pieaicināto lektoru sesiju, kurā tika sniegtas trīs ļoti interesantas un iedvesmojošas prezentācijas:

- A Geospatial Perspective on Sustainable Urban Mobility in the Era of Big Data - *Prof. Bin Jiang, University of Gävle, Sweden*
- Exploring social and economic implications of big data for mobility - *Prof. Piyushimita Thakuriah, University of Glasgow, United Kingdom*
- ECO Driving: Strategies and Impacts - *Prof. Alexander Skabardonis, University of California, Berkeley.*

Visbeidzot, 2018. gada 23. maijā un pirms CSUM2018 konferences Skiathos salā notika 5. projektu vadības un darba pakešu (PMB&WP) sanāksme. Sanāksmē piedalījās pārstāvji no trim ALLIANCE konsorcija apvienībām un Dr.Sc.Ing Vaira Gromule, kas ir projekta Scientific Excellence and Innovation Assurance Panel (SAP) locekle.

Lai saņemtu sīkāku informāciju par projektu un semināriem, lūdzu, sazināties:

Projekta koordinatore:
Irina Yatskiv (Jackiva)
A/S "Transporta un Sakaru Institūts"

Rīga, Latvija
Tālr: +37167100544
E-pasts: Jackiva.I@tsi.lv

Informācijas izplatīšanas vadītāji:
Eftihia Nathanail, Giannis Adamos
Satiksmes, Transportēšanas un Loģistikas laboratorija
Thessaly Universitāte
Volos, Grieķija
Tālr: +302421074164, +302421074158
E-pasts: enath@uth.gr, giadamos@civ.uth.gr

vai apmeklējiet projekta ALLIANCE mājas lapu: http://alliance-project.eu/

Figure 18: 12th press release (Latvian version)

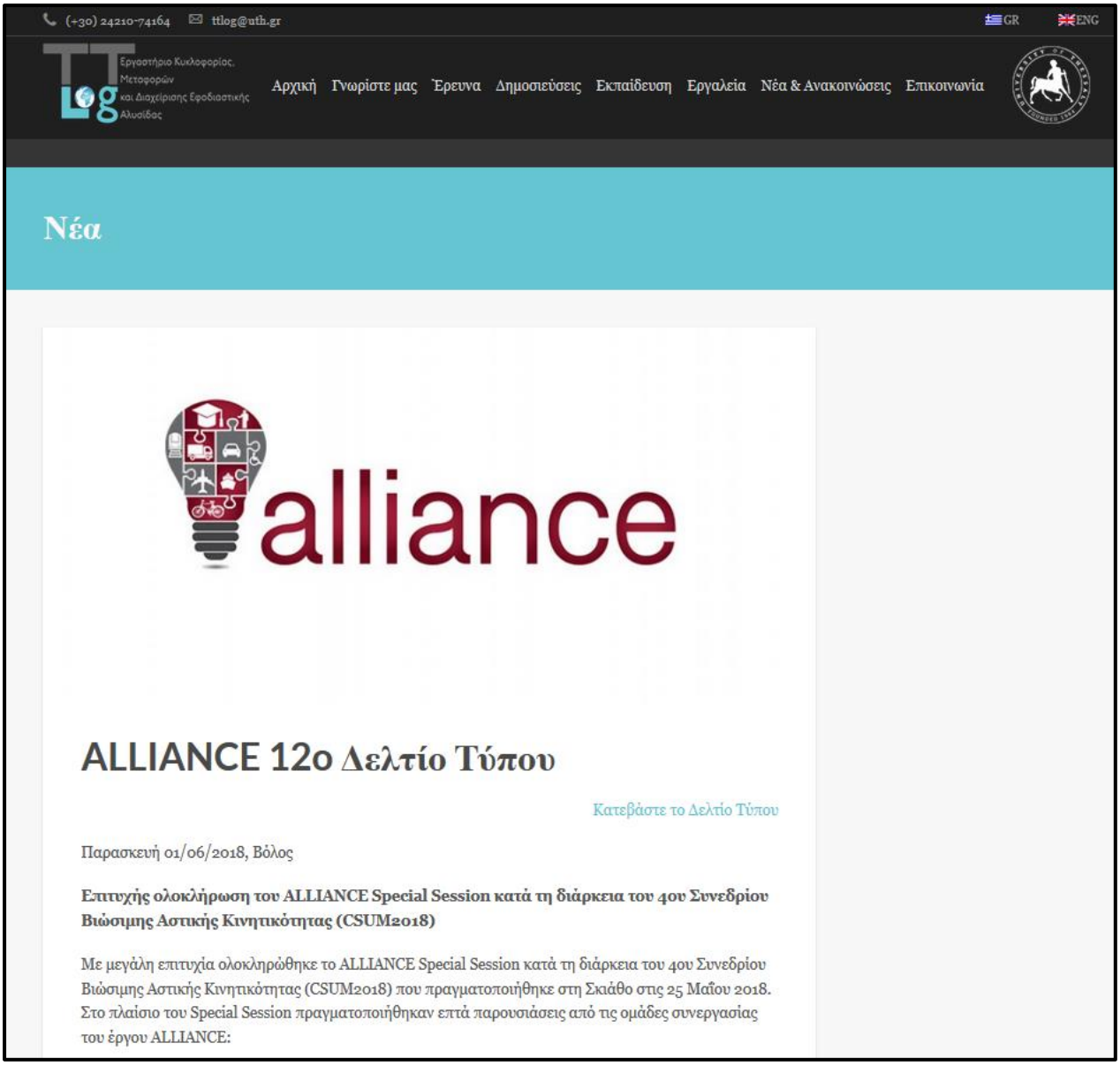
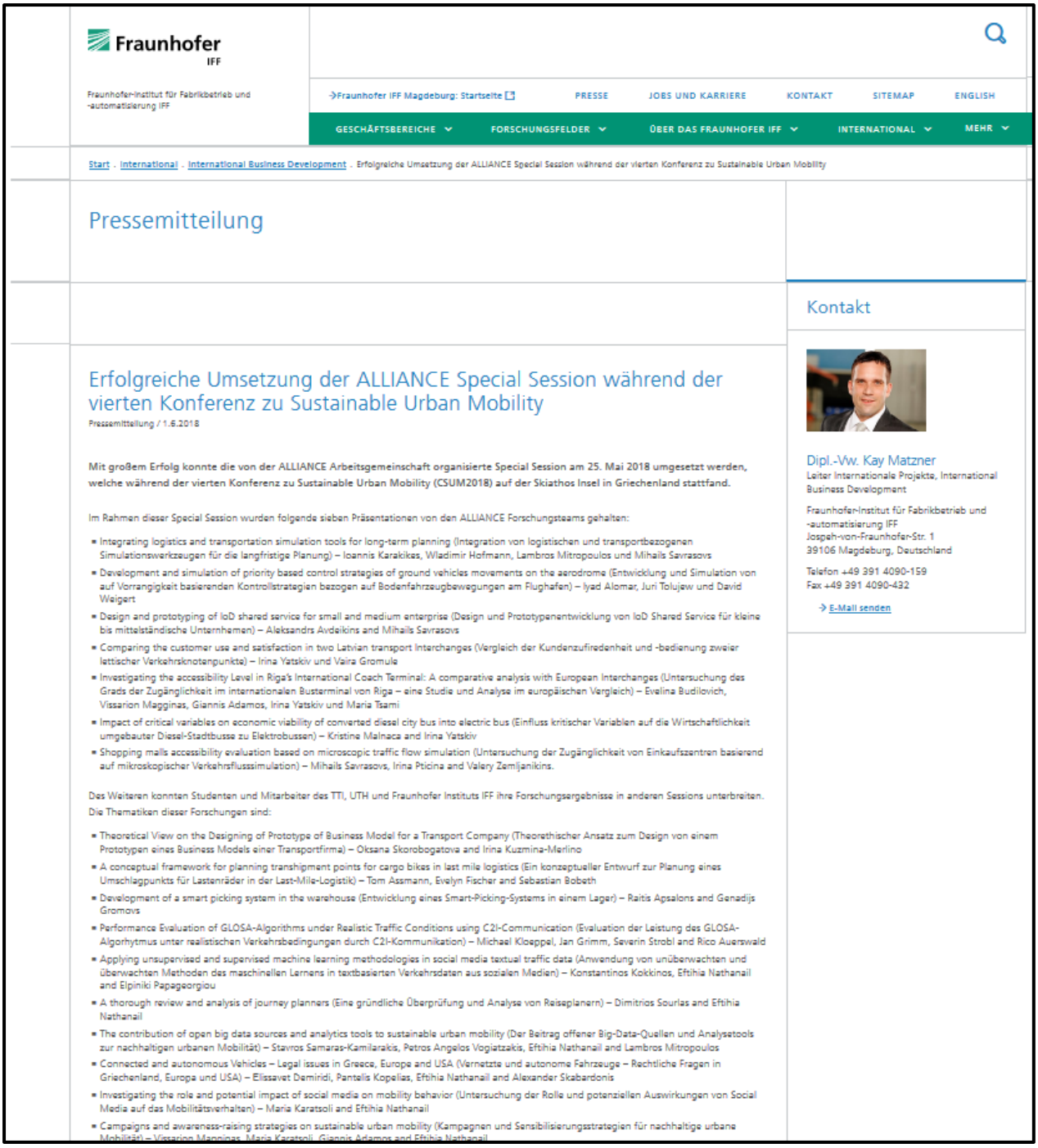


Figure 19: UTH-TTLog website presentation of the 12th press release (Greek version)



Fraunhofer IFF

Fraunhofer-Institut für Fabrikbetrieb und -automatisierung IFF

→Fraunhofer IFF Magdeburg: Startseite | PRESSE | JOBS UND KARRIERE | KONTAKT | SITEMAP | ENGLISH

GESCHÄFTSBEREICHE | FORSCHUNGSFELDER | ÜBER DAS FRAUNHOFER IFF | INTERNATIONAL | MEHR

Start . International . International Business Development . Erfolgreiche Umsetzung der ALLIANCE Special Session während der vierten Konferenz zu Sustainable Urban Mobility

Pressemitteilung

Erfolgreiche Umsetzung der ALLIANCE Special Session während der vierten Konferenz zu Sustainable Urban Mobility

Pressemitteilung / 1.6.2018

Mit großem Erfolg konnte die von der ALLIANCE Arbeitsgemeinschaft organisierte Special Session am 25. Mai 2018 umgesetzt werden, welche während der vierten Konferenz zu Sustainable Urban Mobility (CSUM2018) auf der Skiathos Insel in Griechenland stattfand.

Im Rahmen dieser Special Session wurden folgende sieben Präsentationen von den ALLIANCE Forschungsteams gehalten:

- Integrating logistics and transportation simulation tools for long-term planning (Integration von logistischen und transportbezogenen Simulationswerkzeugen für die langfristige Planung) – Ioannis Karakikes, Wladimir Hofmann, Lambros Mitropoulos und Mihails Savrasovs
- Development and simulation of priority based control strategies of ground vehicles movements on the aerodrome (Entwicklung und Simulation von auf Vorrangigkeit basierenden Kontrollstrategien bezogen auf Bodenfahrzeugbewegungen am Flughafen) – Iyad Alomar, Juri Tolujew und David Weigert
- Design and prototyping of IoD shared service for small and medium enterprise (Design und Prototypenentwicklung von IoD Shared Service für kleine bis mittelständische Unternehmen) – Aleksandrs Avdeikins and Mihails Savrasovs
- Comparing the customer use and satisfaction in two Latvian transport interchanges (Vergleich der Kundenzufriedenheit und -bedienung zweier lettischer Verkehrsknotenpunkte) – Irina Yatskiv und Vaira Gromula
- Investigating the accessibility Level in Riga's International Coach Terminal: A comparative analysis with European Interchanges (Untersuchung des Grads der Zugänglichkeit im internationalen Busterminal von Riga – eine Studie und Analyse im europäischen Vergleich) – Evelina Budilovich, Vissarion Magginas, Giannis Adamos, Irina Yatskiv und Maria Tsami
- Impact of critical variables on economic viability of converted diesel city bus into electric bus (Einfluss kritischer Variablen auf die Wirtschaftlichkeit umgebauter Diesel-Stadtbusse zu Elektrobussen) – Kristine Malnaca and Irina Yatskiv
- Shopping malls accessibility evaluation based on microscopic traffic flow simulation (Untersuchung der Zugänglichkeit von Einkaufszentren basierend auf mikroskopischer Verkehrsflusssimulation) – Mihails Savrasovs, Irina Pticina and Valery Zemljanikins.

Des Weiteren konnten Studenten und Mitarbeiter des TTI, UTH und Fraunhofer Instituts IFF ihre Forschungsergebnisse in anderen Sessions unterbreiten. Die Thematiken dieser Forschungen sind:

- Theoretical View on the Designing of Prototype of Business Model for a Transport Company (Theorethischer Ansatz zum Design von einem Prototypen eines Business Models einer Transportfirma) – Oksana Skorobogatova and Irina Kuzmina-Merlino
- A conceptual framework for planning transhipment points for cargo bikes in last mile logistics (Ein konzeptueller Entwurf zur Planung eines Umschlagpunkts für Lastenräder in der Last-Mile-Logistik) – Tom Assmann, Evelyn Fischer and Sebastian Bobeth
- Development of a smart picking system in the warehouse (Entwicklung eines Smart-Picking-Systems in einem Lager) – Raitis Apsalons and Genadijs Gromovs
- Performance Evaluation of GLOSA-Algorithms under Realistic Traffic Conditions using C2I-Communication (Evaluation der Leistung des GLOSA-Algorhytmus unter realistischen Verkehrsbedingungen durch C2I-Kommunikation) – Michael Kloeppel, Jan Grimm, Severin Strobl and Rico Auerswald
- Applying unsupervised and supervised machine learning methodologies in social media textual traffic data (Anwendung von unüberwachten und überwachten Methoden des maschinellen Lernens in textbasierten Verkehrsdaten aus sozialen Medien) – Konstantinos Kokkinos, Eftihia Nathanail and Elpiniki Papageorgiou
- A thorough review and analysis of journey planners (Eine gründliche Überprüfung und Analyse von Reiseplanern) – Dimitrios Sourlas and Eftihia Nathanail
- The contribution of open big data sources and analytics tools to sustainable urban mobility (Der Beitrag offener Big-Data-Quellen und Analysetools zur nachhaltigen urbanen Mobilität) – Stavros Samaras-Kamilarakis, Petros Angelos Voglatzakis, Eftihia Nathanail and Lambros Mitropoulos
- Connected and autonomous Vehicles – Legal issues in Greece, Europe and USA (Vernetzte und autonome Fahrzeuge – Rechtliche Fragen in Griechenland, Europa und USA) – Elissavet Demiridi, Pantelis Kopelias, Eftihia Nathanail and Alexander Skabardonis
- Investigating the role and potential impact of social media on mobility behavior (Untersuchung der Rolle und potenziellen Auswirkungen von Social Media auf das Mobilitätsverhalten) – Maria Karatsoli and Eftihia Nathanail
- Campaigns and awareness-raising strategies on sustainable urban mobility (Kampagnen und Sensibilisierungsstrategien für nachhaltige urbane Mobilität) – Vissarion Magginas, Maria Karatsoli, Giannis Adamos and Eftihia Nathanail

Kontakt

Dipl.-Vw. Kay Matzner
Leiter Internationale Projekte, International Business Development

Fraunhofer-Institut für Fabrikbetrieb und -automatisierung IFF
Joseph-von-Fraunhofer-Str. 1
39106 Magdeburg, Deutschland

Telefon +49 391 4090-159
Fax +49 391 4090-432

→ E-Mail senden

Figure 20: Fraunhofer IFF website presentation of the 12th press release (German version)

alliance

Preses Relīze #13

2018. gada 24. jūlijā, Volos, Grieķijā

Veiksmīga 2. vasaras skolas realizācija, Rīgā, Latvijā

No 2018. gada 1. līdz 7. jūlijam ar lieliskiem panākumiem noslēdzās 2. vasaras skola "Ilgtspējīgo transporta mezglu programma (STIP) – 2.daļa: „Sabiedriskā transporta sistēmas: no pētījumiem līdz lēmumu pieņemšanai". Vasaras skola tika organizēta Transporta un sakaru institūtā (TSI) sadarbībā ar projekta ALLIANCE partneriem: Thessaly Universitātes Satiksmes, transporta un loģistikas laboratoriju (TTLog, UTH) un Fraunhofer Institūtu (Fraunhofer IFF). Kopumā 25 jaunie pētnieki no Latvijas, Grieķijas un Vācijas piedalījās vasaras skolā.

Vasaras skolu atvēra **Inta Rozenšteina** - Finanšu un attīstības plānošanas departamenta direktora vietniece, LR Satiksmes ministrija, **Dr.Sc.Ing. Vaira Gromule** – valdes priekšsēdētāja, AS „Rīgas starptautiskā autoosta", Latvija un **Prof. Irina Jackiva (Yatskiv)** – Transporta un sakaru institūts zinātņu un attīstības prorektore un ALLIANCE projekta koordinatore.

Trīs pieaicinātie lektori sniedza savas prezentācijas pilsētu transporta sistēmu plānošanas un analīzes jomā:

Mr. Javier Aldecoa Martínez-Conde, ITF/UITP balvas laureāts par izciliem jauninājumiem sabiedriskā transporta jomā (Consorcio Regional de Transportes de Madrid, Spānija), lekcijas nosaukums: "Integration of sustainable transport modes in urban modal hubs"

Prof. Maria Eugenia Lopez Lambas (TRANSyT, Universidad Politécnica de Madrid, Spānija), lekcijas nosaukums: "Urban interchanges design: are we missing something?"

PhD Tamara Djukic (Aimsun vecākais pētījumu inženieris, Barselona, Spānija), lekcijas nosaukums: "Data as a service for better mobility planning, monitoring and organization".

Turklāt jauniem pētniekiem, kuri apmeklēja Vasaras skolu, bija iespēja apmeklēt Rīgas dzelzceļa staciju, Rīgas starptautisko autobusu termināu, Starptautisko lidostu Rīga un Rīgas pasažieru ostas termināu, vasaras skolas praktisko uzdevumu daļas ietvaros.

Lai saņemtu sīkāku informāciju par projektu, lūdzu, sazināties:

Projekta koordinatore:
Irina Yatskiv (Jackiva)
A/S "Transporta un Sakaru Institūts"
Rīga, Latvija
Tālr: +37167100544
E-pasts: Jackiva.I@tsi.lv

Informācijas izplatīšanas vadītāji:
Eftihia Nathanail, Giannis Adamos
Satiksmes, Transportēšanas un Loģistikas laboratorija
Thessaly Universitāte
Volos, Grieķija
Tālr: +302421074164, +302421074158
E-pasts: enath@uth.gr, giadamos@civ.uth.gr

Vai apmeklējiet mājas lapu: http://alliance-project.eu/

Figure 21: 13th press release (Latvian version)

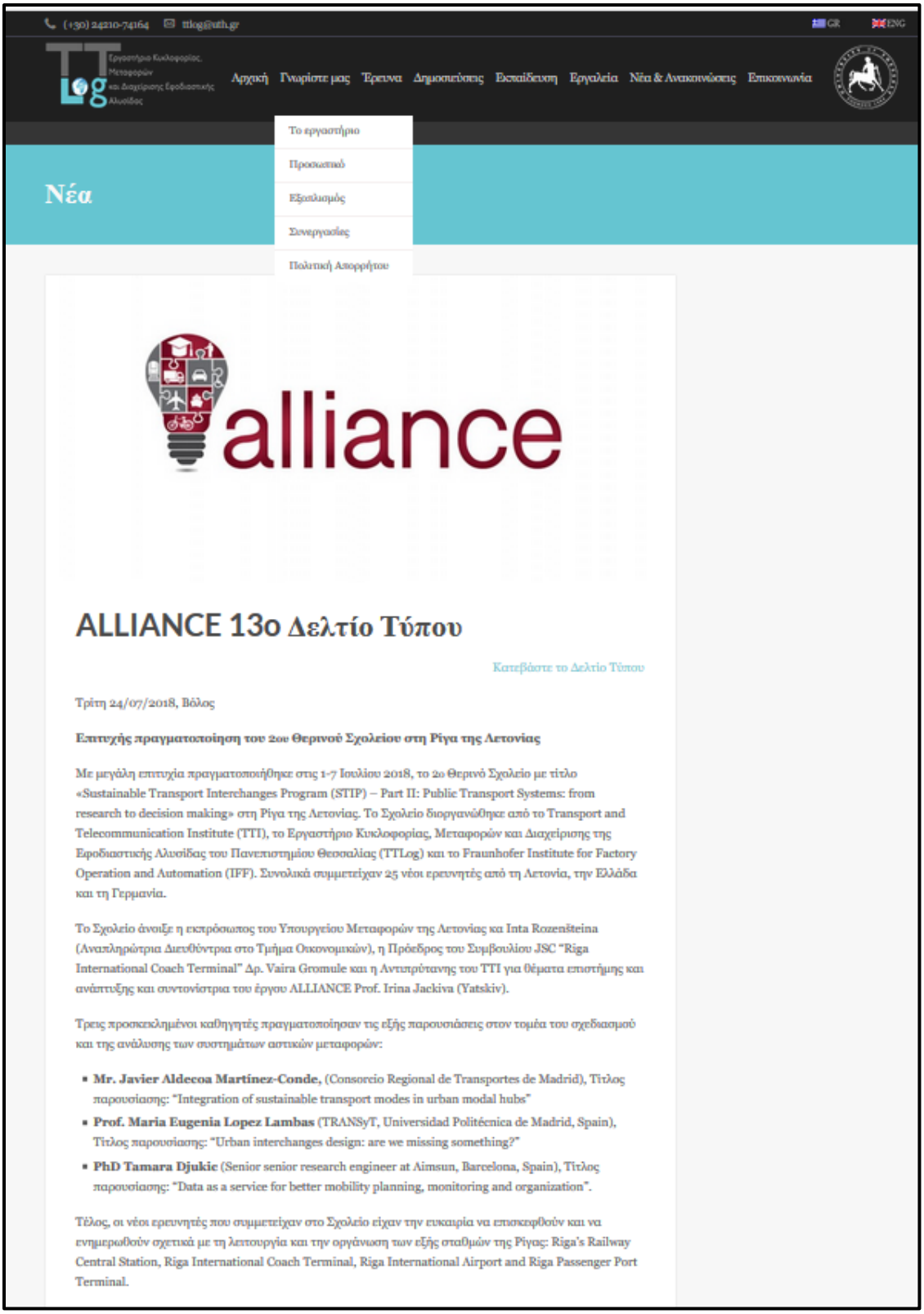
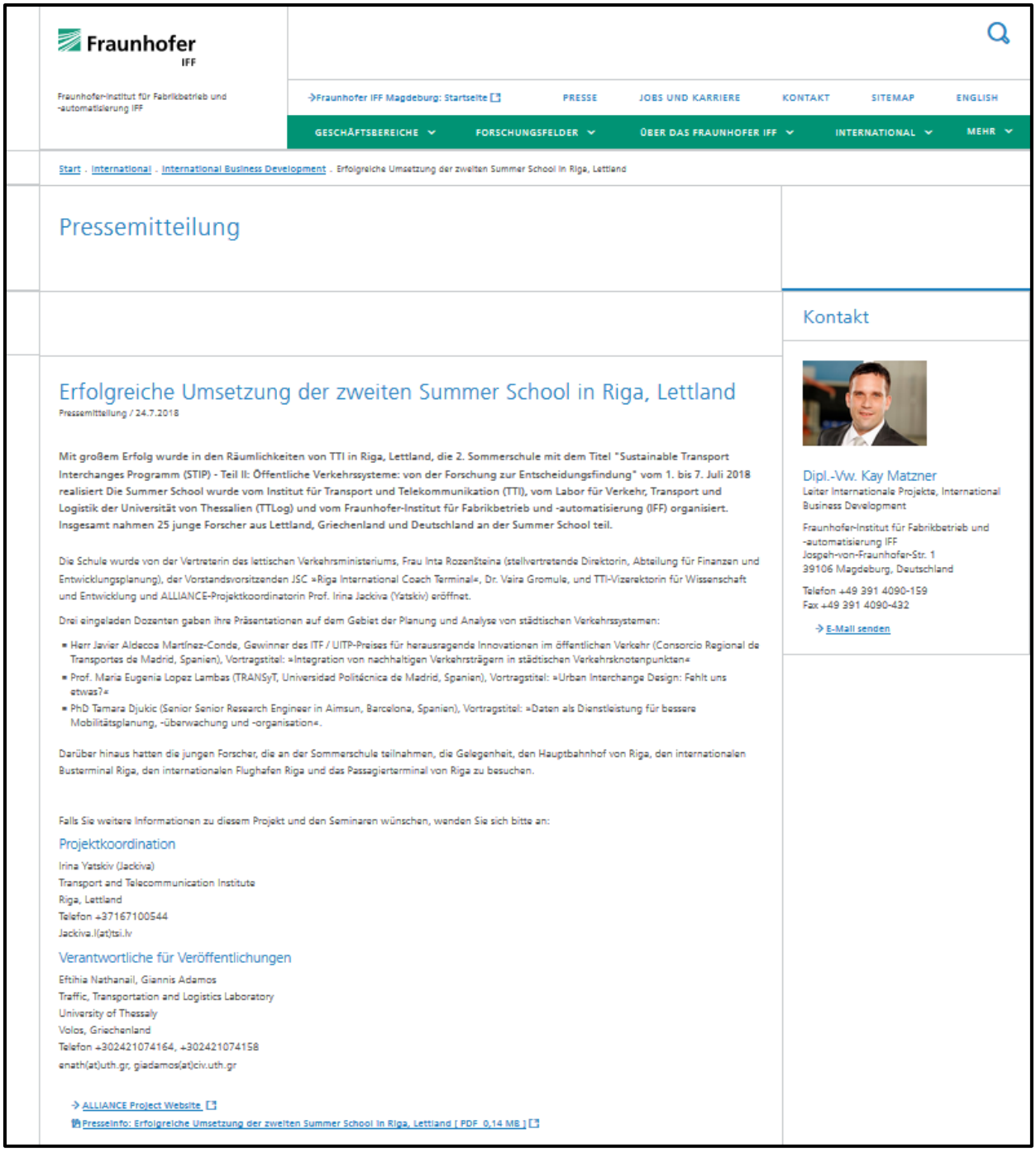


Figure 22: UTH-TTLog website presentation of the 13th press release (Greek version)



Fraunhofer IFF

Fraunhofer-Institut für Fabrikbetrieb und -automatisierung IFF

→Fraunhofer IFF Magdeburg: Startseite | PRESSE | JOBS UND KARRIERE | KONTAKT | SITEMAP | ENGLISH

GESCHÄFTSBEREICHE | FORSCHUNGSFELDER | ÜBER DAS FRAUNHOFER IFF | INTERNATIONAL | MEHR

Start . International . International Business Development . Erfolgreiche Umsetzung der zweiten Summer School in Riga, Lettland

Pressemitteilung

Erfolgreiche Umsetzung der zweiten Summer School in Riga, Lettland

Pressemitteilung / 24.7.2018

Mit großem Erfolg wurde in den Räumlichkeiten von TTI in Riga, Lettland, die 2. Sommerschule mit dem Titel "Sustainable Transport Interchanges Programm (STIP) - Teil II: Öffentliche Verkehrssysteme: von der Forschung zur Entscheidungsfindung" vom 1. bis 7. Juli 2018 realisiert Die Summer School wurde vom Institut für Transport und Telekommunikation (TTI), vom Labor für Verkehr, Transport und Logistik der Universität von Thessalien (TTLog) und vom Fraunhofer-Institut für Fabrikbetrieb und -automatisierung (IFF) organisiert. Insgesamt nahmen 25 junge Forscher aus Lettland, Griechenland und Deutschland an der Summer School teil.

Die Schule wurde von der Vertreterin des lettischen Verkehrsministeriums, Frau Inta Rozenšteina (stellvertretende Direktorin, Abteilung für Finanzen und Entwicklungsplanung), der Vorstandsvorsitzenden JSC »Riga International Coach Terminal«, Dr. Vaira Gromule, und TTI-Vizerektorin für Wissenschaft und Entwicklung und ALLIANCE-Projektkoordinatorin Prof. Irina Jackiva (Yatskiv) eröffnet.

Drei eingeladen Dozenten gaben ihre Präsentationen auf dem Gebiet der Planung und Analyse von städtischen Verkehrssystemen:

- Herr Javier Aldecoa Martínez-Conde, Gewinner des ITF / UITP-Preises für herausragende Innovationen im öffentlichen Verkehr (Consorcio Regional de Transportes de Madrid, Spanien), Vortragstitel: »Integration von nachhaltigen Verkehrsträgern in städtischen Verkehrsknotenpunkten«
- Prof. Maria Eugenia Lopez Lambas (TRANSyT, Universidad Politécnica de Madrid, Spanien), Vortragstitel: »Urban Interchange Design: Fehlt uns etwas?«
- PhD Tamara Djukic (Senior Senior Research Engineer in Aimsun, Barcelona, Spanien), Vortragstitel: »Daten als Dienstleistung für bessere Mobilitätsplanung, -überwachung und -organisation«.

Darüber hinaus hatten die jungen Forscher, die an der Sommerschule teilnahmen, die Gelegenheit, den Hauptbahnhof von Riga, den internationalen Busterminal Riga, den internationalen Flughafen Riga und das Passagierterminal von Riga zu besuchen.

Falls Sie weitere Informationen zu diesem Projekt und den Seminaren wünschen, wenden Sie sich bitte an:

Projektkoordination

Irina Yatskiv (Jackiva)
Transport and Telecommunication Institute
Riga, Lettland
Telefon +37167100544
Jackiva.I(at)tsi.lv

Verantwortliche für Veröffentlichungen

Eftihia Nathanail, Giannis Adamos
Traffic, Transportation and Logistics Laboratory
University of Thessaly
Volos, Griechenland
Telefon +302421074164, +302421074158
enath(at)uth.gr, giadamos(at)civ.uth.gr

→ ALLIANCE Project Website

Presseinfo: Erfolgreiche Umsetzung der zweiten Summer School in Riga, Lettland [PDF, 0,14 MB]

Kontakt

Dipl.-Vw. Kay Matzner
Leiter Internationale Projekte, International Business Development

Fraunhofer-Institut für Fabrikbetrieb und -automatisierung IFF
Joseph-von-Fraunhofer-Str. 1
39106 Magdeburg, Deutschland

Telefon +49 391 4090-159
Fax +49 391 4090-432

→ E-Mail senden

Figure 23: Fraunhofer IFF website presentation of the 13th press release (German version)

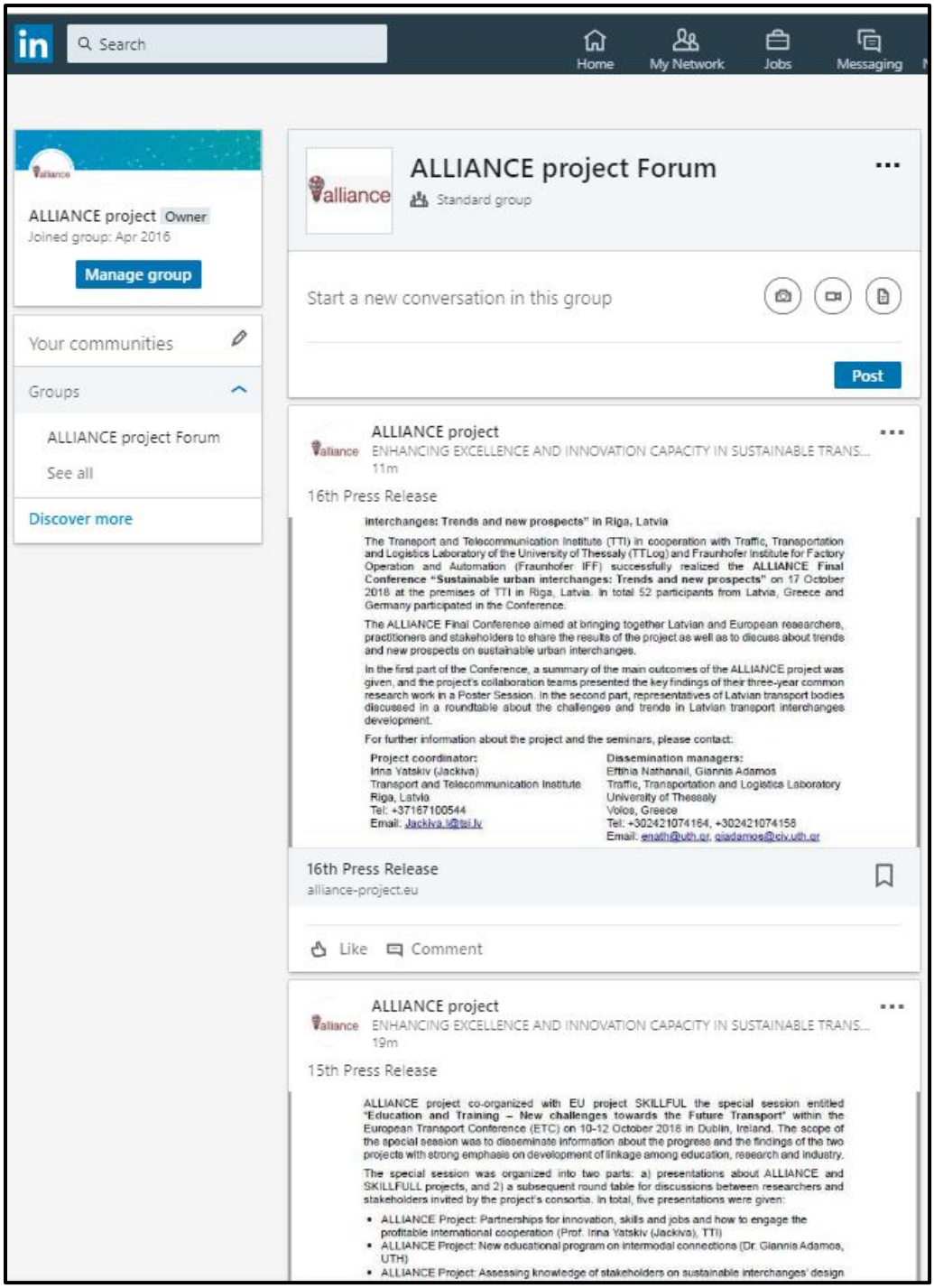


Figure 24: 15th and 16th press releases (as disseminated in LinkedIn account)

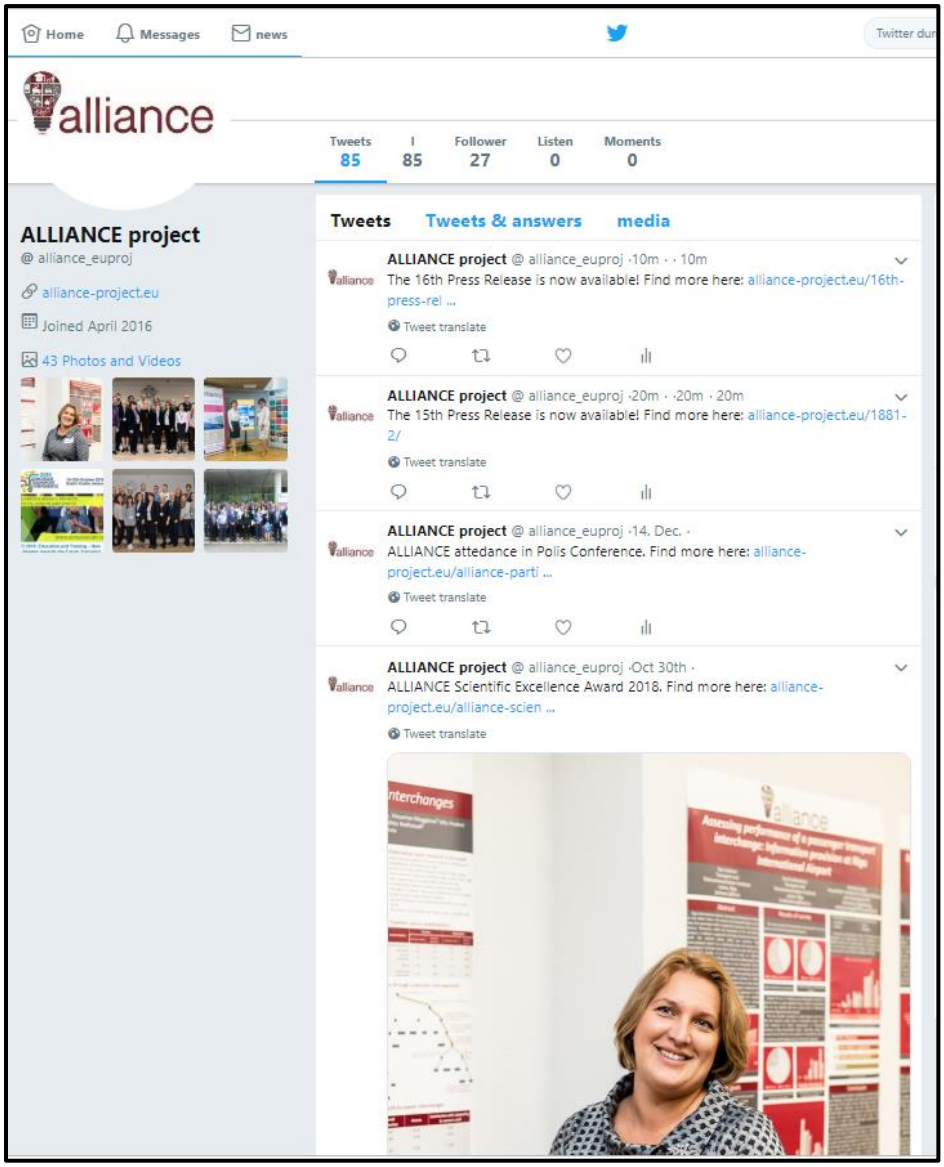


Figure 25: Most recent news of ALLIANCE in Twitter account

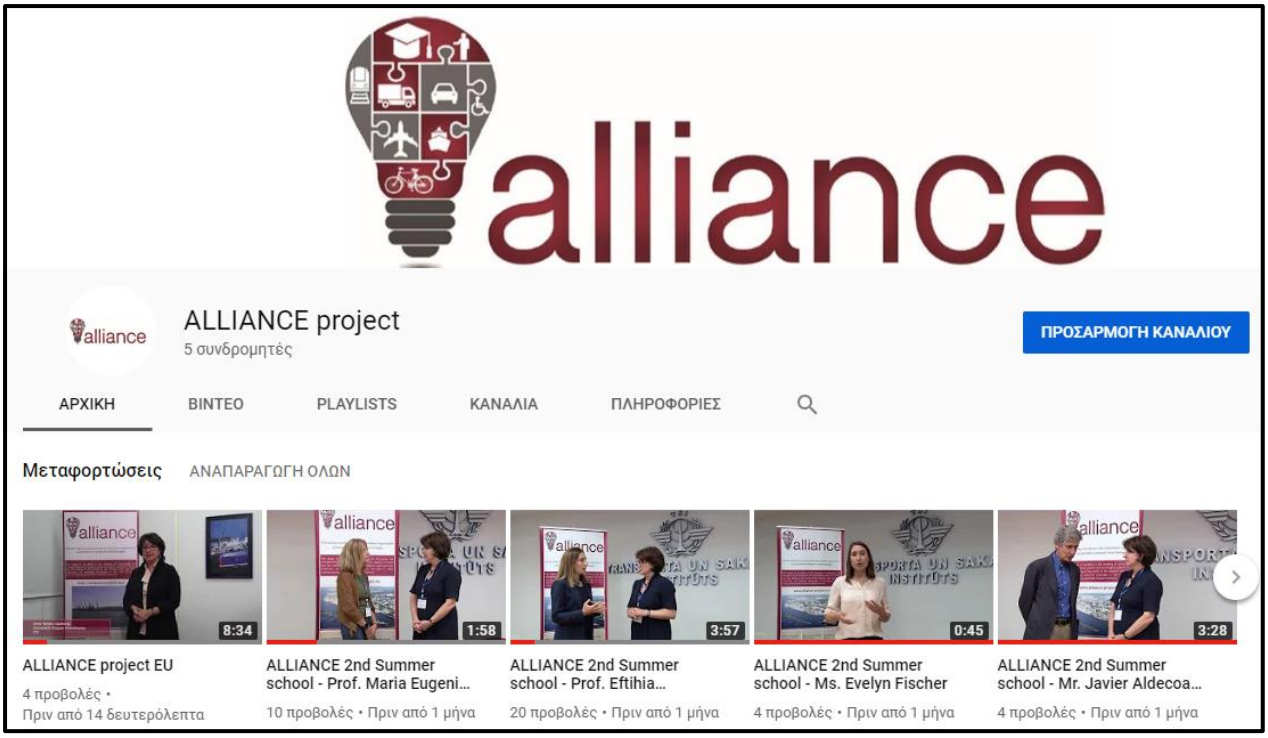


Figure 26: YouTube account of ALLIANCE

3.3 ALLIANCE activities and participation in Conferences and other events

In April 2018, the course “Decision making methodologies” was offered by Prof. Eftihia Nathanail from University of Thessaly (UTH), to Master and PhD students of Transport and Telecommunication Institute (TTI) (Figure 27).

Figure 27: Course on “Decision making methodologies” in TTI

During the same week, Dr. Giannis Adamos (UTH) offered an open research seminar to MSc and PhD students of TTI. The course was organized into three modules: a) theory and practice of scientific research, b) ports and maritime transport and c) urban form and transportation (Figure 28).

Figure 28: Open research seminar in TTI

On April 26, 2018, an Open Workshop entitled “Science-to-Business: Digitalization in Logistics and Transport” was organized in Transport and Telecommunication Institute (TTI) premises for PhD and MSc students as well as their scientific supervisors (Figure 29). Over 60 researchers and stakeholders from the transport and logistics sector came together to identify areas in which active collaboration between business and science is required. Moderator of the discussion was Prof. Dr.sc.ing. Irina Yatskiv, Vice-Rector for TTI’s Research and Development, who presented the new

TTI initiative supported by ALLIANCE project and the German Academic Exchange Service (DAAD) with funding from the Foreign Office of the German Federal Republic.

Figure 29: "Science-to-Business: Digitalization in Logistics and Transport" Seminar

ALLIANCE project organized a special session during the 4th Conference on Sustainable Urban Mobility – CSUM2018 in Skiathos Island, Greece on 24 – 25 May 2018. The theme of this year's Conference was "Data analytics: Paving the way to sustainable urban mobility". Within the Special Session seven presentations were given by ALLIANCE research collaboration teams, and also students and staff from TTI, UTH and Fraunhofer IFF had the opportunity to disseminate their research work in other sessions (Figure 30).

Figure 30: ALLIANCE Special Session in CSUM2018

On May 30, 2018, Transport and Telecommunication Institute represented by Prof. I. Yatskiv and Ms. K. Malnaca, in collaboration with the International Transport Forum (ITF), organized a discussion about road safety governance in Riga, Latvia. The key objective of the discussion was to understand the level of road safety in Riga, as well as to identify specific governance arrangements, policies and actions taken at a local level to improve road safety performance (Figure 31).

Figure 31: Discussion on road safety governance in Riga

TTI researchers Prof. Irina Yatskiv (Jackiva) and Dr. Genadijs Gromovs took part in the XXI International conference “TransBaltica 2018”, which was held on May 31 in the premises of the Riga City Council. The conference was opened by the Minister of Transport of the Republic of Latvia Uldis Augulis with the presentation “Transport sector in Latvia and its development prospects” (Figure 32).

Figure 32: International Conference TransBaltica 2018

On June 19-22, 2018, the Institute for Logistics and Material Handling Systems of the Otto von Guericke University (OVGU) Magdeburg, in cooperation with Fraunhofer IFF and with the support

of ALLIANCE project, hosted the 11th International Doctoral Students Workshop on Logistics. The Workshop was in the framework of the 21th IFF Science Days of the Fraunhofer Institute for Factory Operation and Automation. Approximately, 40 guests from four countries were welcomed this year, among them participants from Hungary, Cuba, Latvia and Germany. Another highlight of this year was the moderation of the discussion table “Logistics networks and organization” by Prof. Irina Yatskiv from TTI, in the framework of ALLIANCE project and SCI-BI (Figure 33).

Figure 33: 11th International Doctoral Students Workshop on Logistics

The 2nd ALLIANCE Summer school entitled: “Sustainable Transport Interchanges Program (STIP) – Part II: Public Transport Systems: from research to decision making” was realized from 1st to 7th July, 2018 in Riga, Latvia (Figure 34). In total 25 young researchers from Latvia, Greece and Germany participated in the Summer School. Three invited lecturers gave their presentations in the field of planning and analysis of urban transport systems. In addition, the young researchers who attended the Summer School had the opportunity to make educational visits to Riga’s Railway Central Station, Riga International Coach Terminal, Riga International Airport and Riga Passenger Port Terminal.

Figure 34: 2nd ALLIANCE Summer School

The Association of Pan-European Coach Terminals (APC) celebrated its 15th anniversary by organizing a workshop entitled “Innovations in passenger transport with bus and coach and terminal development in the future” in Riga, September 3-5, 2018. TTI Vice-Rector for Science and Development Affairs Prof. Irina Yatskiv gave a presentation about one of the most emerging topics in transportation research entitled “Possible effects of connected and automated driving on the economy, employment and skills”. TTI researcher Kristine Malnaca presented the results of the study “Economic viability of converted diesel city bus into electric bus” which was performed within a research project implemented by the company “Ferrus” in Riga (Figure 35).

Figure 35: 15th Anniversary of the Association of Pan-European Coach Terminals

ALLIANCE project co-organized with EU project SKILLFUL the special session entitled **“**Education and Training - New challenges towards the Future Transport**”** within the European Transport Conference (ETC) on 10-12 October 2018 in Dublin, Ireland. The scope of the special session was to disseminate information about the progress and the findings of the two projects with strong emphasis on development of linkage among education, research and industry (Figure 36).

Figure 36: Special Session in ETC2018

The Transport and Telecommunication Institute (TTI) in cooperation with Traffic, Transportation and Logistics Laboratory of the University of Thessaly (TTLog) and Fraunhofer Institute for Factory Operation and Automation (Fraunhofer IFF) successfully realized the ALLIANCE Final Conference "Sustainable urban interchanges: Trends and new prospects" on 17 October 2018 at the premises of TTI in Riga, Latvia. In total 52 participants from Latvia, Greece and Germany participated in the Conference. The ALLIANCE Final Conference aimed at bringing together Latvian and European researchers, practitioners and stakeholders to share the results of the project as well as to discuss about trends and new prospects on sustainable urban interchanges (Figure 37).

Figure 37: ALLIANCE Final Conference

To share the findings and the outcomes of the project and to support sustainability of the educational/training activities, ALLIANCE Consortium organized the 3rd Young Researchers' and the 3rd Train-the-Trainers' Seminar in Riga, Latvia, during the 18th International Conference on Reliability and Statistics in Transportation and Communication (RelStat-18).

The Train-the-Trainers Seminar addressed education and training issues in engineering focusing on the digitalization and long life education, and the young Researchers' Seminar, entitled "Sustainable Transport Interchanges", gave the opportunity to 15 postgraduate and PhD students from Latvia, Greece and Germany to present their collaboration team's research work.

Lastly, Ms. Evelīna Budiloviča, the winner of the ALLIANCE Scientific Excellence Award 2018 attended the 2018 Polis Conference on 22 and 23 November 2018 in Manchester. This year the theme of the Conference was Innovation in Transport for Sustainable Cities and Regions.

4. Synopsis

During the last year of the project, the fifth part of the dissemination material has been updated with the publication of six press releases, namely, press release 11, 12, 13, 14, 15 and 16, the poster of the 2nd ALLIANCE Summer School, the 5th and 6th Fact Sheets, the 3rd ALLIANCE newsletter, the production of ALLIANCE promotional video, and two promotional articles. In addition, the consortium of the project has promoted the ALLIANCE activities through the project webpage (www.alliance-project.eu), the project's social media accounts and all partners' official websites.

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

Annexes

Annex A: 11th press release
Annex B: 12th press release
Annex C: 13th press release
Annex D: 14th press release
Annex E: 15th press release
Annex F: 16th press release
Annex G: Poster of 2nd ALLIANCE Summer School
Annex H: 5th Fact sheet
Annex I: 3rd Newsletter

Annex A

Press release #11

Monday 21/05/2018, Volos, Greece

ALLIANCE Special Session during the 4th Conference on Sustainable Urban Mobility

ALLIANCE Consortium organizes Special Session in Skiathos Island, Greece on 25 May 2018, during the 4th Conference on Sustainable Urban Mobility (CSUM2018).

Young researchers, master degree and PhD holders, post-doc researchers and professors from TTI, UTH and Fraunhofer IFF are expected to present the work of their collaborative research teams. In total, seven presentations will be given by students and staff members:

- Integrating logistics and transportation simulation tools for long-term planning - *Ioannis Karakikes, Wladimir Hofmann, Lambros Mitropoulos and Mihails Savrasovs*
- Development and simulation of priority based control strategies of ground vehicles movements on the aerodrome - *Iyad Alomar, Juri Tolujew and David Weigert*
- Design and prototyping of IoD shared service for small and medium enterprise - *Aleksandrs Avdeikins and Mihails Savrasovs*
- Comparing the customer use and satisfaction in two Latvian transport Interchanges - *Irina Yatskiv and Vaira Gromule*
- Investigating the accessibility Level in Riga's International Coach Terminal: A comparative analysis with European Interchanges - *Evelina Budilovich, Vissarion Magginas, Giannis Adamos, Irina Yatskiv and Maria Tsami*
- Impact of critical variables on economic viability of converted diesel city bus into electric bus - *Kristine Malnaca and Irina Yatskiv*
- Shopping malls accessibility evaluation based on microscopic traffic flow simulation - *Mihails Savrasovs, Irina Pticina and Valery Zemljanikins.*

For further information about the project and the seminars, please contact:

Project coordinator:
Irina Yatskiv (Jackiva)
Transport and Telecommunication Institute
Riga, Latvia
Tel: +37167100544
Email: Jackiva.I@tsi.lv

Dissemination managers:
Eftihia Nathanail, Giannis Adamos
Traffic, Transportation and Logistics Laboratory
University of Thessaly
Volos, Greece
Tel: +302421074164, +302421074158
Email: enath@uth.gr, giadamos@civ.uth.gr

or visit the website: http://alliance-project.eu/

Annex B

Press release #12

Friday 01/06/2018, Volos, Greece

Successful realization of ALLIANCE Special Session during the 4th Conference on Sustainable Urban Mobility

With great success the ALLIANCE Special Session was realized on May 25, 2018 during the 4th Conference on Sustainable Urban Mobility - CSUM2018, which took place in Skiathos Island, Greece. Within the Special Session seven presentations were given by ALLIANCE research collaboration teams:

- Integrating logistics and transportation simulation tools for long-term planning - *Ioannis Karakikes, Wladimir Hofmann, Lambros Mitropoulos and Mihails Savrasovs*
- Development and simulation of priority based control strategies of ground vehicles movements on the aerodrome - *Iyad Alomar, Juri Tolujew and David Weigert*
- Design and prototyping of IoD shared service for small and medium enterprise - *Aleksandrs Avdeikins and Mihails Savrasovs*
- Comparing the customer use and satisfaction in two Latvian transport Interchanges - *Irina Yatskiv and Vaira Gromule*
- Investigating the accessibility Level in Riga's International Coach Terminal: A comparative analysis with European Interchanges - *Evelina Budilovich, Vissarion Magginas, Giannis Adamos, Irina Yatskiv and Maria Tsami*
- Impact of critical variables on economic viability of converted diesel city bus into electric bus - *Kristine Malnaca and Irina Yatskiv*
- Shopping malls accessibility evaluation based on microscopic traffic flow simulation - *Mihails Savrasovs, Irina Pticina and Valery Zemljanikins.*

In addition, students and staff from TTI, UTH and Fraunhofer IFF had the opportunity to disseminate their research work in other sessions. These presentations are:

- Theoretical View on the Designing of Prototype of Business Model for a Transport Company - *Oksana Skorobogatova and Irina Kuzmina-Merlino*
- A conceptual framework for planning transhipment points for cargo bikes in last mile logistics - *Tom Assmann, Evelyn Fischer and Sebastian Bobeth*
- Development of a smart picking system in the warehouse - *Raitis Apsalons and Genadijs Gromovs*
- Performance Evaluation of GLOSA-Algorithms under Realistic Traffic Conditions using C2I-Communication - *Michael Kloeppel, Jan Grimm, Severin Strobl and Rico Auerswald*

- Applying unsupervised and supervised machine learning methodologies in social media textual traffic data - *Konstantinos Kokkinos, Eftihia Nathanail and Elpiniki Papageorgiou*
- A thorough review and analysis of journey planners - *Dimitrios Sourlas and Eftihia Nathanail*
- The contribution of open big data sources and analytics tools to sustainable urban mobility - *Stavros Samaras-Kamilarakis, Petros Angelos Vogiatzakis, Eftihia Nathanail and Lambros Mitropoulos*
- Connected and autonomous Vehicles – Legal issues in Greece, Europe and USA - *Elissavet Demiridi, Pantelis Kopelias, Eftihia Nathanail and Alexander Skabardonis*
- Investigating the role and potential impact of social media on mobility behavior - *Maria Karatsoli and Eftihia Nathanail*
- Campaigns and awareness-raising strategies on sustainable urban mobility - *Vissarion Magginas, Maria Karatsoli, Giannis Adamos and Eftihia Nathanail*
- Assessing traffic and environmental impacts of smart lockers logistics measure in a medium-sized municipality of Athens - *Vasileios Kiousis, Eftihia Nathanail and Ioannis Karakikes*
- Does the implementation of urban freight transport policies and measures affect stakeholders' behavior? - *Eftihia Nathanail, Giannis Adamos, Ioannis Karakikes and Lambros Mitropoulos*
- Urban traffic management utilizing soft measures: A case study of Volos city - *Maria Karatsoli, Ioannis Karakikes and Eftihia Nathanail.*

The members of the ALLIANCE Consortium also had the opportunity to attend the conference's keynote speakers' session, where three very interesting and inspirational presentations were given:

- A Geospatial Perspective on Sustainable Urban Mobility in the Era of Big Data - *Prof. Bin Jiang, University of Gävle, Sweden*
- Exploring social and economic implications of big data for mobility - *Prof. Piyushimita Thakuriah, University of Glasgow, United Kingdom*
- ECO Driving: Strategies and Impacts - *Prof. Alexander Skabardonis, University of California, Berkeley.*

Lastly, on May 23, 2018 and before the beginning of CSUM2018, the 5th Project Management and Work Package meeting was held in Skiathos. The meeting was attended by representatives of the three entities of ALLIANCE consortium and by Dr.Sc.Ing Vaira Gromule, who is a member of the Scientific Excellence and Innovation Assurance Panel (SAP) of the project.

For further information about the project and the seminars, please contact:

Project coordinator:
Irina Yatskiv (Jackiva)
Transport and Telecommunication Institute
Riga, Latvia
Tel: +37167100544
Email: Jackiva.I@tsi.lv

Dissemination managers:
Eftihia Nathanail, Giannis Adamos
Traffic, Transportation and Logistics Laboratory
University of Thessaly
Volos, Greece
Tel: +302421074164, +302421074158
Email: enath@uth.gr, giadamos@civ.uth.gr

or visit the website: http://alliance-project.eu/

Annex C

Press release #13

Tuesday 24/07/2018, Volos, Greece

Successful realization of the 2nd Summer School in Riga, Latvia

With great success was realized at the premises of TTI in Riga, Latvia, the 2nd Summer school entitled: "Sustainable Transport Interchanges Program (STIP) - Part II: Public Transport Systems: from research to decision making" from 1st to 7th July, 2018. The Summer School was organized by the Transport and Telecommunication Institute (TTI), Traffic, Transportation and Logistics Laboratory of the University of Thessaly (TTLog) and Fraunhofer Institute for Factory Operation and Automation (IFF). In total 25 young researchers from Latvia, Greece and Germany participated in the Summer School.

The School was opened by the representative of the Latvian Transport Ministry **Ms. Inta Rozenšteina** (Deputy Director, Department of Finance and Development Planning), the Chairwoman of the Board JSC "Riga International Coach Terminal" **Dr. Vaira Gromule**, and TTI's Vice-Rector for Science and Development Affairs and ALLIANCE Project coordinator **Prof. Irina Jackiva (Yatskiv)**.

Three invited lecturers gave their presentations in the field of planning and analysis of urban transport systems:

- **Mr. Javier Aldecoa Martínez-Conde,** winner of the ITF/UITP prize on outstanding innovation for public transport (Consorcio Regional de Transportes de Madrid, Spain), lecture title: "Integration of sustainable transport modes in urban modal hubs"
- **Prof. Maria Eugenia Lopez Lambas** (TRANSyT, Universidad Politécnica de Madrid, Spain), lecture title: "Urban interchanges design: are we missing something?"
- **PhD Tamara Djukic** (Senior senior research engineer at Aimsun, Barcelona, Spain), lecture title: "Data as a service for better mobility planning, monitoring and organization".

In addition, the young researchers who attended the Summer School had the opportunity to make educational visits to Riga's Railway Central Station, Riga International Coach Terminal, Riga International Airport and Riga Passenger Port Terminal.

For further information about the project and the Summer school, please contact:

Project coordinator:
Irina Yatskiv (Jackiva)
Transport and Telecommunication Institute
Riga, Latvia
Tel: +37167100544
Email: Jackiva.I@tsi.lv

Dissemination managers:
Eftihia Nathanail, Giannis Adamos
Traffic, Transportation and Logistics Laboratory
University of Thessaly
Volos, Greece
Tel: +302421074164, +302421074158
Email: enath@uth.gr, giadamos@civ.uth.gr

or visit the website: http://alliance-project.eu/

Annex D

Press release #14

Friday 28/09/2018, Volos, Greece

ALLIANCE Final Conference, Young Researchers' and Train-the-Trainers' Seminars in Riga, Latvia

To share the findings and the outcomes of the project and to support sustainability of the educational/training activities, ALLIANCE Consortium organizes the ALLIANCE Final Conference,

Young Researchers' and Train-the-Trainers' Seminarin Riga, Latvia, during the 18thInternational

Conference on RELIABILITY and STATISTICS in TRANSPORTATION and COMMUNICATION (RelStat-18), which will be held from 16-20 October, 2018.

The Final ALLIANCE Conference aims at bringing together Latvian and European researchers, practitioners and stakeholders to share the results of the project as well as to discuss about trends and new prospects on sustainable urban interchanges. In the first part of the ALLIANCE final Conference a summary of the main outcomes of ALLIANCE European project will be given, and the ALLIANCE collaboration teams will present in a Poster session the key findings of their three-year common research work. In the second part, representatives of Latvian transport bodies will discuss in a roundtable about the challenges and trends in Latvian transport interchanges development.

The Train-the-Trainers Seminar will focus on education and training issues in engineering focusing on the digitalization and long life education, and the young Researchers' Seminar, entitled "Sustainable Transport Interchanges", will give the opportunity to 15postgraduateand PhD students from Latvia, Greece and Germany to present their collaboration team's research work.

For further information about the project and the seminars, please contact:

Project coordinator:
Irina Yatskiv (Jackiva)
Transport and Telecommunication Institute
Riga, Latvia
Tel: +37167100544
Email: Jackiva.I@tsi.lv

Dissemination managers:
Eftihia Nathanail, Giannis Adamos
Traffic, Transportation and Logistics Laboratory
University of Thessaly
Volos, Greece
Tel: +302421074164, +302421074158
Email: enath@uth.gr, giadamos@civ.uth.gr

or visit the website: http://alliance-project.eu/

Annex E

Press release #15

Monday 15/10/2018, Volos, Greece

Special Session in European Transport Conference ETC2018 in Dublin, Ireland

ALLIANCE project co-organized with EU project SKILLFUL the special session entitled "**Education and Training – New challenges towards the Future Transport**" within the European Transport Conference (ETC) on 10-12 October 2018 in Dublin, Ireland. The scope of the special session was to disseminate information about the progress and the findings of the two projects with strong emphasis on development of linkage among education, research and industry.

The special session was organized into two parts: a) presentations about ALLIANCE and SKILLFULL projects, and 2) a subsequent round table for discussions between researchers and stakeholders invited by the project's consortia. In total, five presentations were given:

- ALLIANCE Project: Partnerships for innovation, skills and jobs and how to engage the profitable international cooperation (Prof. Irina Yatskiv (Jackiva), TTI)
- ALLIANCE Project: New educational program on intermodal connections (Dr. Giannis Adamos, UTH)
- ALLIANCE Project: Assessing knowledge of stakeholders on sustainable interchanges' design and operation (Dr. Mihails Savrasovs, TTI)
- SKILLFUL Project: Skills and competences development of future transportation professionals at all levels (Mrs. Matina Loukea, CERTH/HIT)
- SKILLFUL Project: Training needs and skills gaps across the transportation sector. (Ms. Grace Moloney, UCD).

During the round table, the following key questions were discussed:

- How to facilitate stakeholder collaboration and the development of strong linkage among education, research and industry?
- How we can focus education, research and innovation activity on social and economic development?
- Balanced combination to the triplex of research/education, industry and policy makers, acknowledging the key role of society. How to increase related R&I impact and exploitation?
- How to identify the skills and competences needed by the Transport workforce of the future?

For further information about the project and the seminars, please contact:

Project coordinator:
Irina Yatskiv (Jackiva)
Transport and Telecommunication Institute
Riga, Latvia
Tel: +37167100544
Email: Jackiva.I@tsi.lv

Dissemination managers:
Eftihia Nathanail, Giannis Adamos
Traffic, Transportation and Logistics Laboratory
University of Thessaly
Volos, Greece
Tel: +302421074164, +302421074158
Email: enath@uth.gr, giadamos@civ.uth.gr

or visit the website: http://alliance-project.eu/

Annex F

Press release #16

Monday 22/10/2018, Volos, Greece

Successful realization of the ALLIANCE Final Conference "Sustainable urban interchanges: Trends and new prospects" in Riga, Latvia

The Transport and Telecommunication Institute (TTI) in cooperation with Traffic, Transportation and Logistics Laboratory of the University of Thessaly (TTLog) and Fraunhofer Institute for Factory Operation and Automation (Fraunhofer IFF) successfully realized the **ALLIANCE Final Conference "Sustainable urban interchanges: Trends and new prospects"** on 17 October 2018 at the premises of TTI in Riga, Latvia. In total 52 participants from Latvia, Greece and Germany participated in the Conference.

The ALLIANCE Final Conference aimed at bringing together Latvian and European researchers, practitioners and stakeholders to share the results of the project as well as to discuss about trends and new prospects on sustainable urban interchanges.

In the first part of the Conference, a summary of the main outcomes of the ALLIANCE project was given, and the project's collaboration teams presented the key findings of their three-year common research work in a Poster Session. In the second part, representatives of Latvian transport bodies discussed in a roundtable about the challenges and trends in Latvian transport interchanges development.

For further information about the project and the seminars, please contact:

Project coordinator:
Irina Yatskiv (Jackiva)
Transport and Telecommunication Institute
Riga, Latvia
Tel: +37167100544
Email: Jackiva.I@tsi.lv

Dissemination managers:
Eftihia Nathanail, Giannis Adamos
Traffic, Transportation and Logistics Laboratory
University of Thessaly
Volos, Greece
Tel: +302421074164, +302421074158
Email: enath@uth.gr, giadamos@civ.uth.gr

or visit the website: http://alliance-project.eu/

Annex G

alliance

Enhancing excellence and innovation capacity in sustainable transport interchanges

2nd Summer School

"Sustainable Transport Interchanges Program (STIP) - Part II: Public Transport Systems: from research to decision making"

1-7 July 2018
Transport and Telecommunication Institute, Lomonosova Str. 1, Aud. 130
Riga, Latvia

http://alliance-project.eu/

Partners

TSI
TRANSPORT AND TELECOMMUNICATION INSTITUTE

UNIVERSITY OF THESSALY FOUNDED 1984

TTLog Traffic, Transportation and Logistics Laboratory

Fraunhofer IFF

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

Annex H

ALLIANCE Fact Sheet Nº 5:

Towards a lifelong learning e-platform

TSI
TRANSPORT AND TELECOMMUNICATION INSTITUTE

TTLg Traffic, Transportation and Logistics Laboratory

Fraunhofer IFF

Background and content

The European Union addresses “e-learning” as a generic expression for all learning involving the uses of information and communication technologies to support both learning and teaching *(1)*.

In the framework of ALLIANCE the focus of “e-learning” was set on a self-paced distance learning path to further spread the courses of the ALLIANCE “Sustainable Transport Interchanges Program (STIP)”, which was initially designed for the needs of the project’s two Summer Schools. Based on STIP, the consortium developed selected digitalized courses to support lifelong learning purposes beyond the lifecycle of the project, not only for students, but also for professionals and any other interested party. Thereby, lifelong learning is understood as “the on-going access to the renewing of skills and the acquisition of knowledge” *(2)*.

To this end, the scope of the 5th fact sheet is to present the concept of the ALLIANCE lifelong e-learning program.

Design of lifelong learning program

The offered digitalized program includes in total 14 courses, among which four core courses, five courses covering passenger transport and five courses focusing on freight transport *(3)*. The program also addresses all thematic areas of ALLIANCE: governance, smart solutions and decision-making (Table 1).

Table 1: ALLIANCE digitalized courses

Course	Core	Passenger transport	Freight transport
C0. Research methodology and teamwork setup	x		
Governance			
C1. The European policy on intermodal transportation	x		
C2. Building business models for intermodal transport interchanges	x		
C4. Operation and management of intermodal transport systems		x	x
Smart solutions			
C6. Intelligent services for passenger transportation		x	
C8. Design of passenger transport interchanges		x	
C9. Design of freight transport interchanges			x
C10. Smart equipment for freight transshipment			x
Decision making			
C11. Decision making methodologies	x		

Course	Core	Passenger transport	Freight transport
C12a. Data collection methods: surveys		x	x
C12b. Data collection methods: historical and observed data		x	x

Adaptation of ALLIANCE e-platform

The self-paced digitalized courses of STIP are available through the ALLIANCE e-platform (http://e-alliance.tsi.lv/).

The goal of ALLIANCE project is to further develop and re-structure STIP into a lifelong learning program, in order to guarantee sustainability of the e-learning approach within a coherent educational and training program meeting the expectations and job requirements in Latvia and the wider region, and in parallel taking into account the European Union standards.

Certification paths have also been developed to provide recognized certification in future. The paths define the weighting of the students' performance on the course classification, and may serve as a basis for degree programs offered by TTI on the basis of ALLIANCE course development. The certification paths for successful completion of passenger transport and freight transport curricula are presented in Tables 2 and 3, respectively *(3)*.

Table 2: Certification path for "passenger transport"

Course	Contribution towards the final mark
Introducing research-based course: C0	10%
Core block courses: C1, C2, C11	60%
Passenger transport block courses: C4, C6, C8, C12a, C12b	30%
Total score of self-assessment/partial performance	50%
Final exam	50%

Table 3: Certification path for “freight transport”

Course	Contribution towards the final mark
Introducing research-based course: C0	10%
Core block courses: C1, C2, C11	60%
Freight transport block courses: C4, C9, C10, C12a, C12b	30%
Total score of self-assessment/partial performance	50%
Final exam	50%

More information

More information about the ALLIANCE lifelong learning program can be found in: http://e-alliance.tsi.lv/. Also, please feel free to contact us by email: alliance-project@tsi.lv.

References

(1) The Lifelong Learning Platform. Lexicon.
Retrieved from http://lllplatform.eu/resources/lexicon/. [last access: 28.12.2018].
(2) The European Commission. (1995). White paper: Teaching and learning towards the learning society. Brussels.
URL: http://europa.eu/documents/comm/white_papers/pdf/com95_590_en.pdf. [last access: 28.12.2018].
(3) ALLIANCE, 2018. Deliverable D4.2, 2018. Guidance towards excellence sustainability.

Annex I

alliance Newsletter

December 2018 Issue 3

Editorial

Dear reader,

This newsletter signifies the completion of the three years of the ALLIANCE project. Years productive, inspiring, creative, full of challenges, collaborations and achievements. When started, the project set the objective of enhancing excellence in the domain of sustainable transport interchanges, which are the main elements of intermodality, and along with it, it identified an ambitious list of activities to be accomplished. Three years later, we are very satisfied to deliver ALLIANCE's legacy, which constitutes of - but is not restricted to - a complete curriculum for graduate students and PhD candidates, a life-long learning educational and training program for professionals, a long catalog of collaborative scientific publications, joint supervision of PhD researches and well-established academia-industry partnerships.

In the next pages, you will read about last year's activities, which include organizing ALLIANCE's final conference, the 2nd ALLIANCE Summer School, intense course on Decision Making Methodologies, special topics seminars, train-the-trainers and young researchers seminars, special sessions in CSUM2018 and ETC2018, workshop "Science-to-Business: Digitalization in Logistics and Transport", and participating in the International Conference TransBaltica 2018, the Meeting on Road Safety Performance in Riga, the 11th International Doctoral Students Workshop on Logistics and the 15th Anniversary of the Association of Pan-European Coach Terminals. As a testimonial to scientific excellence, ALLIANCE funded young researchers to present their work at selected Conferences and sponsored the ALLIANCE Scientific Excellence Award, which aims to attract more students into sustainable transportation.

We are looking forward to hearing from you and cooperating towards enhancing excellence and innovation capacity in sustainable transport interchanges!

Prof. Irina Yatskiv (Jackiva)
Project Coordinator

Prof. Eftihia Nathanail
Dissemination Manager

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

alliance

Enhancing excellence and innovation capacity in sustainable transport interchanges

Challenges and trends in Latvia transport interchange development

A summary of the round table discussion during ALLIANCE Final Conference
October 2018, Riga, Latvia

Participants:

- Inta Rozenšteine, Deputy Director of the Finance and Development Planning Department of the Ministry of Transport of Latvia
- Vaira Gromule, Chairman of the Board, JSC "Riga International Coach Terminal"
- Irina Yatskiv (Jackiva), ALLIANCE Project Coordinator, Vice-Rector for Science and Development Affairs, Transport and Telecommunication Institute
- Artūrs Saveļjevs, Member of the Board, Riga International Airport
- Gatis Kristaps, transport consultant, Ardenis Ltd.

Moderator:

- Kristine Malnaca, Transport and Telecommunication Institute

Challenges and trends in Latvia transport interchange development

V. Gromule emphasized spatial availability as one of the challenges for transport system development in urban environment and acknowledged that changes in business models in transport sector and in public transport services are also expected in the future.

A. Saveljevs introduced the latest developments in Riga International Airport (airport expansion, new rail terminal and Rail Baltica connection link). He also appreciated collaboration with TTI as a research institution in data analysis and traffic modelling. Collaboration between the industry and the research institution benefits both – the industry receives the product that is based on the latest developments and innovations in the given sector and the researchers and students have the possibility to apply their knowledge to the real life situation.

G. Kristaps emphasized the human resources issue in transport sector. The changes in the labour market are driven by the innovative technologies whose role in the daily operations is only increasing.

I. Rozenšteine reminded that it is important for policy makers to understand the current issues in transport sector, to foresee the needs in the future and to understand what knowledge will be necessary to meet the future demand. The policy makers often can define the problem but have no answers how to solve it. The input of the research and education institutions in such situation could be providing the tools and solutions for the problems identified.

One of the general questions raised was the following - is there a demand for research from industry and policy makers? **I. Rozenšteine** noted that the need is definitely there, and in order to create good analytical products it is desirable that the collaboration between the researchers, scientists and policy makers is established in the long term perspective.

Various innovative technologies are entering transport world, e.g. powerful, connected communication tools, drones, robots in freight terminals etc. A question arises - what will prevail in the future transport systems – a man or technology? **A. Saveļjevs** predicted that routine operations performed by low-skilled workers today will be replaced by machines in the near future. **G. Kristaps** agreed that low-skill workers will be the first ones to adapt to the changes in the labour market. The demand for low-skill employees will decrease but there will be and increased demand for high-level specialists.

Also, the future challenge is to deal with the rapidly increasing mobility flows. As mentioned by **A. Saveļjevs**, even air is becoming congested, and new ways of transport, as well as interchange designs have to be sought in order to keep in pace with the growing global mobility needs.

alliance

Enhancing excellence and innovation capacity in sustainable transport interchanges

ALLIANCE supports lifelong learning

Based on the courses of the ALLIANCE "Sustainable Transport Interchanges Program (STIP)", which was designed for the needs of the two Summer Schools, the project's members developed selected digitalized courses to support lifelong learning purposes.

The offered digitalized program includes four core courses, five courses covering passenger transport and five courses focusing on freight transport. The program also addresses all thematic areas of ALLIANCE: governance, smart solutions and decision-making.

ALLIANCE digitalized courses

Course	Core	Passenger transport	Freight transport
Research methodology and teamwork setup	x		
Governance			
The European policy on intermodal transportation	x		
Building business models for intermodal transport interchanges	x		
Operation and management of intermodal transport systems		x	x
Smart solutions			
Intelligent services for passenger transportation		x	
Design of passenger transport interchanges		x	
Design of freight transport interchanges			x
Smart equipment for freight transshipment			x
Decision making			
Decision making methodologies	x		
Data collection methods: surveys		x	x
Data collection methods: historical and observed data		x	x

http://e-alliance.tsi.lv/

alliance

Enhancing excellence and innovation capacity in sustainable transport interchanges

ALLIANCE events

Course and research seminar by UTH staff in TTI

3-6 April 2018
Riga, Latvia

In April 2018, Prof. Eftihia Nathanail and Dr. Giannis Adamos (UTH) visited TTI for educational purposes.

Prof. Nathanail offered the full-week course "Decision making methodologies" to Master and PhD students and Dr. Adamos organized an open research seminar on a) theory and practice on scientific research, b) ports and maritime transport and c) urban form and transportation.

"Science-to-Business: Digitalization in Logistics and Transport"

An Open Workshop entitled "Science-to-Business: Digitalization in Logistics and Transport" was organized in Transport and Telecommunication Institute (TTI) premises for PhD and MSc students as well as their scientific supervisors.

26 April 2018
Riga, Latvia

Over 60 researchers and stakeholders from the transport and logistics sector came together to identify areas in which active collaboration between business and science is required. This new TTI initiative was supported by ALLIANCE project and the German Academic Exchange Service (DAAD) with funding from the Foreign Office of the German Federal Republic.

alliance

Enhancing excellence and innovation capacity in sustainable transport interchanges

ALLIANCE events

Special Session in 4th Conference on Sustainable Urban Mobility (CSUM2018)

24-25 May 2018
Skiathos Island, Greece

ALLIANCE project organized a special session during the 4th Conference on Sustainable Urban Mobility – CSUM2018 in Skiathos Island, Greece on 24 – 25 May 2018. The theme of this year's Conference was: "Data analytics: Paving the way to sustainable urban mobility". Within the Special Session seven presentations were given by ALLIANCE research collaboration teams, and also students and staff from TTI, UTH and Fraunhofer IFF had the opportunity to disseminate their research work in other sessions.

Discussion on road safety performance in Riga

30 May 2018
Riga, Latvia

On May 30, 2018, Transport and Telecommunication Institute represented by Prof. I. Yatskiv and Ms. K. Malnaca, in collaboration with the International Transport Forum (ITF), organized a discussion about road safety governance in Riga, Latvia. The key objective of the discussion was to understand the level of road safety in Riga, as well as to identify specific governance arrangements, policies and actions taken at a local level to improve road safety performance.

alliance

Enhancing excellence and innovation capacity in sustainable transport interchanges

ALLIANCE events

International Conference "TransBaltica 2018"

31 May 2018
Riga, Latvia

TTI researchers Prof. Irina Yatskiv (Jackiva) and Dr. Genadijs Gromovs took part in the XXI International conference "TransBaltica 2018", which was held on May 31 in the premises of the Riga City Council. The conference was opened by the Minister of Transport of the Republic of Latvia Uldis Augulis with the presentation "Transport sector in Latvia and its development prospects".

11th International Doctoral Students Workshop on Logistics

20-22 June 2017
Magdeburg, Germany

On June 19-22, 2018, the Institute for Logistics and Material Handling Systems of the Otto von Guericke University (OVGU) Magdeburg, in cooperation with Fraunhofer IFF and with the support of ALLIANCE project, hosted the 11th International Doctoral Students Workshop on Logistics. The Workshop was in the framework of the 21th IFF Science Days of the Fraunhofer Institute for Factory Operation and Automation. Approximately, 40 guests from four countries were welcomed this year, among them participants from Hungary, Cuba, Latvia and Germany. Another highlight of this year was the moderation of the discussion table "Logistics networks and organization" by Prof. Irina Yatskiv from TTI, in the framework of ALLIANCE project and SCI-BI.

alliance

Enhancing excellence and innovation capacity in sustainable transport interchanges

ALLIANCE events

2nd ALLIANCE Summer School

1-7 July 2018
Riga, Latvia

The 2nd ALLIANCE Summer school entitled: "Sustainable Transport Interchanges Program (STIP) – Part II: Public Transport Systems: from research to decision making" was realized from 1st to 7th July, 2018 in Riga, Latvia.

In total 25 young researchers from Latvia, Greece and Germany participated in the Summer School. Three invited lecturers gave their presentations in the field of planning and analysis of urban transport systems.

In addition, the young researchers who attended the Summer School had the opportunity to make educational visits to Riga's Railway Central Station, Riga International Coach Terminal, Riga International Airport and Riga Passenger Port Terminal.

15th Anniversary of the Association of Pan-European Coach Terminals

3-5 September 2018
Riga, Latvia

The Association of Pan-European Coach Terminals (APC) celebrated its 15th anniversary by organizing a workshop entitled "Innovations in passenger transport with bus and coach and terminal development in the future" in Riga, September 3-5, 2018. TTI Vice-Rector for Science and Development Affairs Prof. Irina Yatskiv gave a presentation about one of the most emerging topics in transportation research entitled "Possible effects of connected and automated driving on the economy, employment and skills". TTI researcher Kristine Malnaca presented the results of the study "Economic viability of converted diesel city bus into electric bus" which was performed within a research project implemented by the company "Ferrus" in Riga.

alliance

Enhancing excellence and innovation capacity in sustainable transport interchanges

ALLIANCE events

Special Session in ETC2018

10-12 October 2018
Dublin, Ireland

ALLIANCE project co-organized with EU project SKILLFUL the special session entitled “Education and Training - New challenges towards the Future Transport” within the European Transport Conference (ETC) on 10-12 October 2018 in Dublin, Ireland. The scope of the special session was to disseminate information about the progress and the findings of the two projects with strong emphasis on development of linkage among education, research and industry.

ALLIANCE Final Conference

17 October 2018
Riga, Latvia

The Transport and Telecommunication Institute (TTI) in cooperation with Traffic, Transportation and Logistics Laboratory of the University of Thessaly (TTLog) and Fraunhofer Institute for Factory Operation and Automation (Fraunhofer IFF) successfully realized the ALLIANCE Final Conference “Sustainable urban interchanges: Trends and new prospects” on 17 October 2018 at the premises of TTI in Riga, Latvia. In total 52 participants from Latvia, Greece and Germany participated in the Conference. The ALLIANCE Final Conference aimed at bringing together Latvian and European researchers, practitioners and stakeholders to share the results of the project as well as to discuss about trends and new prospects on sustainable urban interchanges.

alliance

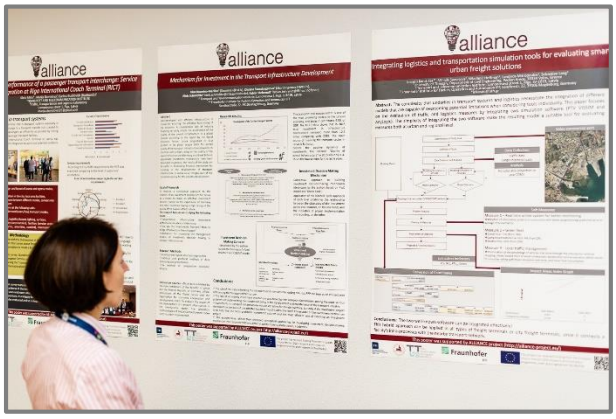
Enhancing excellence and innovation capacity in sustainable transport interchanges

ALLIANCE events

ALLIANCE Final Conference

17 October 2018
Riga, Latvia

Poster session dedicated to young researchers



ALLIANCE organized a Train-the-Trainers' Seminar and a Young Researchers' Seminar in Riga, Latvia on 18-19 October 2018, during the 18th International Conference on Reliability and Statistics in Transportation and Communication (RelStat-18).

Train-the-Trainers' Seminar

18 October 2018
Riga, Latvia

The Train-the-Trainers Seminar addressed education and training issues in engineering focusing on the digitalization and long life education.

Young Researchers' Seminar

19 October 2018
Riga, Latvia

The young Researchers' Seminar, entitled "Sustainable Transport Interchanges", gave the opportunity to 15 postgraduate and PhD students from Latvia, Greece and Germany to present their collaboration team's research work.

alliance

Enhancing excellence and innovation capacity in sustainable transport interchanges

ALLIANCE Scientific Excellence Award 2018

In 2017, during RelStat-17, the Management Board of the ALLIANCE project announced the Scientific Excellence Award for the young researchers participating in the research collaboration teams of the project.

In October 2018, the members of the Management Board received four applications from young researchers, and after evaluating the application forms, they decided during the 6th Project Management Board meeting that the Certificate of Recognition is awarded to Ms. Evelīna Budiloviča for being an outstanding young researcher and winning the ALLIANCE Scientific Excellence Award 2018 for active and fruitful collaboration in international research teams.

The awarded ceremony was realized during RelStat-18, organised by the Transport and Telecommunication Institute on 17-20 October 2018 in Riga, Latvia.

The awarded student Evelīna Budiloviča was financially supported to visit POLIS 2018 Conference in November 2018.

Ms. Budiloviča is a PhD student of Transport and Telecommunication institute and at the same time, she works at Riga Municipality Development Department.

Her PhD thesis is related to sustainability measurement framework development. During ALLIANCE project, she actively participated in all organised events and she was an active member of the research collaboration team. The last 3 years, she has published a number of significant publications related to ALLIANCE scope and topics of research.

Interview

With Mr. Juris Kanels
Acting Rector of the Transport and Telecommunication Institute
Chairman of the Supervisory Board of Riga International Airport

Transport is one of the central elements of the European integration process, which helps to create an internal market conducive to employment and socio-economic development of any country. The transport policy is one of the common policies of the European Union that has existed since the beginnings of the EU, as it was considered essential to guarantee three of the four freedoms set out in the Treaty of Rome in 1957 within the common market — the free movement of people, services and goods.

In the context of the European Union's internal market development project, it is essential for all of the EU Member States to have proper transport connections. This means the need to build the missing connections and eliminate many technical and administrative obstacles hampering smooth traffic and trade flows and creating unnecessary congestion in the European transport system. In many cases, it is also necessary to harmonise the different transport policies of the Member States which may distort competition and to prevent barriers to market access.

Today we see a growing interest towards the enhancement of sustainable urban mobility. It is facilitated by the European Union's respective policy and one of the key points for discussions is intermodality that should provide significant benefits to the users of transportation systems.

What are the biggest barriers when trying to implement different smart mobility measures in transport terminals? How may these be overcome?

A characteristic feature of the transport sector is its complex nature, since the mere analysis of one transport mode does not allow to see the whole picture of the situation in regard to the impact of the transport sector. Therefore, one of the most difficult tasks of transport planners is to develop a policy combining different, mutually interconnected also competing elements into one system.

The existing fragmentation of transport infrastructure, equipment and regulations across the EU Member States could be recognised as an obstacle to the creation of seamless transportation system across the Europe. Very often we still can feature different national regulatory barriers, low degree of cooperation between involved actors, unclear administrative responsibility for implementation of intermodal transport measures and lack of standardization and harmonisation.

For instance, airport as a point of interchange should provide individuals, enterprises and local communities with tailored and door-to-door transportation possibilities that contribute to people`s mobility, productivity of businesses and regional cohesion. In order to achieve this goal it is imperative to have comprehensive business model based on cooperation between different stakeholders for development of the needed access roads, terminals and other necessary infrastructure taking into account interests of all interest groups. The more fragmented the solutions become the more difficult it could be to mutually integrate them in the future to ensure public acceptance. During the development of new transportation systems it is also necessary to take into account the interests and concerns of their users.

There are also problems related to funding of increased capacity and quality of services. The future of transportation will be very much influenced by security considerations. At this point of time it is necessary to invest in the learning of new knowledge, research and collection of information while simultaneously increasing level of security in the areas where it is obviously necessary.

How is ALLIANCE project expected to contribute to smart interconnecting sustainable transport networks in Latvia and the region, and at what level may this be achieved?

As one of the indirectly related problems, when trying to implement smart mobility measures in the development of transport terminals, it is recognised that sometimes local authorities do not have the necessary knowledge in this area or it is insufficient. That's why research and education addressing the topics of intermodality with emphasis on transport interchanges, both for passengers and freight, is very important.

In this context the ALLIANCE project, which aims to stimulate and strengthen scientific and technological capacity of Latvia and to raise the profile of research staff and their institutions by providing knowledge in the field of smart and sustainable interconnecting transport networks, is very important for Baltic Sea Region countries. Significance of the project even more increases in the context of largest infrastructure project in the Baltic Sea Region – construction of Rail Baltica that should integrate the Baltic States in the European rail network.

An educational program entitled "Sustainable Transport Interchanges Program – STIP", which was developed within the ALLIANCE project, was taught already twice during the Summer Schools of our Institute. And it showed us real interest about the subject not only from researchers but also from representatives of business community and municipalities. The results demonstrated that stakeholders consider knowledge on the STIP topics as of high importance, and that this knowledge can enhance their career pursuance.

Interview

With Mr. Andris Spulis
Cluster Facilitator
Latvian Supply Chain Cluster
Project Member, Latvian Logistics Association

What are the challenges that are faced for creating an integrated intermodal transport system for passenger or freight transport, depending on your expertise, at EU level?

Through the introduction of information communication technology (ICT) the use of multimodal and intermodal transport can become easier since it can provide the user with an up to date integrated service.

"Gap free" Trans-European Network, First and Last Mile logistics, Improvements in freight and supply chain efficiencies (cost, emissions and customer response times) will be the key challenges for integrated intermodal transport system for freight transport at EU level. The integration between modes in intermodal networks should be carried out at the level of infrastructure and other hardware (loading units, vehicles), operations and services as well as the regulatory conditions. The use of telematics, open and easy-to-use information systems will increase the importance of customer oriented transport services and enhance the widespread use of advanced electronic services.

All-in-one tickets System (like Swiss Travel System Tickets) for international guests to travel by rail, road and waterway throughout the whole of EU **will be the major challenge** for creating an **integrated intermodal transport system** at EU level.

What are the biggest barriers when trying to implement different smart mobility measures in transport terminals? How may these be overcome?

The globalization of markets and the advancement of ICT technologies and electronic commerce have contributed to the creation of global logistical networks and supply chains (SC). Therefore, there is a need for global, reliable, efficient and cost effective transportation services.

The importance of terminals as parts of global supply chains (SC) is crucial for the provision of transportation services. **Low level of mutual trust among members of globally competing SC is the biggest barrier** for achieving high ROI from smart mobility measures implementation. ***"The profit proportion's equal part from*** **"Smart mobility costs"** could be a Challenging Initiative for SC partners the barrier overcome.

The second big barrier – a need for new innovative technological solutions for securing cargo, on one side and on the other side, a substantial cost for the introduction of security systems and procedures in the freight transportation/logistical system. It is imperative to develop and integrate new security systems, techniques and equipment appropriate for the different critical security points (information systems of terminals, etc.), optimizing in this way the role of security in the supply chain management, while contributing to corporate financial benefits.

How is ALLIANCE project expected to contribute to smart interconnecting sustainable transport networks in Latvia and the region, and at what level may this be achieved?

In Latvia, as with elsewhere in Europe, in the world, transport plays an important role in the economy and in providing equal rights for community. The ALLIANCE project addresses the topic of intermodal interconnections, through interchanges for passenger mobility and freight transportation. Technological innovations at transport terminals can significantly increase the availability of information and useful data.

The project could contribute to raise the attention for looking smart and sustainable solutions for achieving smooth and seamless transportation, integrated services for public transport and disseminate the good practices in other cities for Latvian transport authorities, operators and other stakeholders.

Testimonials

Evelīna Budiloviča
PhD Student
Transport and Telecommunication Institute

The participation in ALLIANCE gave me valuable contribution not only in my research but also in my life. The experience and knowledge that I obtained while working with the rest members of the collaboration international team will help me continue my research and work in my Dissertation Thesis: "Research with the Concept of Sustainability Development to Transportation Planning and Decision Making in case of Multimodal Public Transport System Implementation (Riga case study)".

Ioannis Karakikes
PhD Scholar - State Scholarships Foundation/IKY- Greece
Research Associate, University of Thessaly, Traffic, Transportation and Logistics Laboratory (TTLog)

The ALLIANCE Project facilitated collaboration teams with the aim of international cooperation. Through the experience of being a member of such a team, I had the opportunity to get to know new individuals outside my lab, to further develop as a scholarly author and as a researcher and finally, to gain knowledge about new technological advances in my research domain. Establishing a collaborative environment in the future is one of my top priorities as a young researcher.

Alina Rettmann
Bachelor student in engineering management with focus on logistics
Otto von Guericke University Magdeburg

Through the ALLIANCE Project and the collaboration with TTI in Riga, I received the chance to work with colleagues of various nationalities. Furthermore, I got the chance to broaden my mind in the field of aviation and its connection possibilities with transportation interchanges by the help of experienced colleagues. I understand people who work in aviation a lot better now, as I could experience its fascination first hand. I do consider working in aviation after my bachelors degree.

Testimonials

Irina Kuzmina-Merlino
Dr.oec., Professor
Transport and Telecommunication Institute

Oksana Skorobogatova
Mg.oec., PhD Student
Transport and Telecommunication Institute

Any form of international project-type scientific cooperation contributes to the development of a range of competences, such as professional, communicative and managerial; it also develops intellectual abilities and expands understanding of world processes. Participation in the international scientific project Alliance has engaged us in a multicultural dialogue, based on sharing values, while working on the attainment of common scientific and academic goals. This created highly stimulating work environment, nourishing professional interests and giving impetus for the pursuit of further research endeavours.

Another important outcome of participation in this research project has been highly valuable work experience in a multinational team, which required taking on responsibility not only for own actions but also other members of the team.

We sincerely thank the members of our team and our partners Fraunhofer Institute for Factory Operation and Automation IFF, Magdeburg, Germany, Professor Dr.-Ing. Fabian Behrendt and Niels Schmidtke, engineer and Ph.D. student, for their contribution to the project and sharing their experience related to transport infrastructure research.

We are most thankful to all members of TTI project team, which engaged us in the project and inspired to aim higher. We were immersed in real scientific environment and cross-institutional international scientific cooperation, aiming at solving problems of longitudinal and stable development of the transport infrastructure of the Republic of Latvia in the context of the European Union.

alliance

Enhancing excellence and innovation capacity in sustainable transport interchanges

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)	Germany

Project Coordinator
Prof. Irina Yatskiv (Jackiva)
Email: Jackiva.I@tsi.lv

Project Coordinator Assistant
Dr. Mihails Savrasovs
Email: savrasovs.m@tsi.lv

Transport and Telecommunication Institute Riga, Latvia

Dissemination managers
Prof. Eftihia Nathanail
Email: enath@uth.gr

Dr. Giannis Adamos
Email: giadamos@civ.uth.gr

Traffic, Transportation & Logistics Laboratory, University of Thessaly, Volos, Greece

Fraunhofer contact person

Kay Matzner
Email: Kay.Matzner@iff.fraunhofer.de

Fraunhofer Institute for Factory Operation and Automation, Magdeburg, Germany

TSI
TRANSPORT AND TELECOMMUNICATION INSTITUTE

UNIVERSITY OF THESSALY FOUNDED 1984

TTLog Traffic, Transportation and Logistics Laboratory

Fraunhofer IFF