EUROPEAN UNION HORIZON 2020 RESEARCH & INNOVATION PROGRAMME



Website





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Abbreviation	Description
CMS	Content Management System
D	Deliverable
EC	European Commission
EU	European Union
PHP	PHP: Hypertext Preprocessor

LIST OF ABBREVIATIONS

ABSTRACT

The present deliverable is the report regarding the development of the official website of the ALLIANCE project. The website is one of the most important dissemination tools in the framework of the project. The main goal of the website is to share the findings of the project to a wide range of people who may be interested in ALLIANCE project. The website contains basic information about the project: goal, objectives, work packages, tasks and information about partners. Additionally the website contains all deliverables, which are published with open access to all visitors. The website will be updated continuously during project implementation.

1 Introduction

The present deliverable is the report regarding the development of the official website of the ALLIANCE project. The website is one of the most important dissemination tools in the framework of the project. The main goal of the website is to share the findings of the project to a wide range of persons who may be interested in ALLIANCE project. The website contains basic information about the project: goal, objectives, work packages, tasks and information about partners. Additionally the website contains all deliverables published and open for visitors. The website will be updated continuously during project implementation and will main source of information about project implementation progress.

1.1 Project overview

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

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

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

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

The expected impacts on the overall research and innovation potential of TTI and Latvian

research community will be of high importance and TTI will benefit from ALLIANCE by:

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

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

Lastly, the most 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.

1.2 Website implementation platform

The website is based on the WordPress platform (<u>https://wordpress.org</u>). Wordpress is an opensource content management system based on PHP server-side scripting language and MySQL relational database management system. Wordpress is one of the most popular platforms on the web, serving more than 60 million websites.

A custom theme is developed for the ALLIANCE project. The theme implements styling, graphics, fonts, and colouring.

Known security vulnerabilities of the platform are fixed with the special suite of plugins.

1.3 Website management and administration

The website is hosted on the TTI server, and is maintaned by the institution's professional team. Server software is regularly updated to up-to-date versions for security and stability reasons.

The website content is managed via a standard Wordpress administration console, available at <u>http://alliance-project.eu/alogin</u> (Figure 1).

alliar	nce
Username	ö
Password	ïä
Remember Me	Log In
Lost your password?	

Figure 1. Login to the Admin panel

The console is a comprehensive tool for creating and updating content of pages, news, events, publications, and other project materials. The detailed user guide is available at Wordpress website (<u>https://codex.wordpress.org/Administration Screens</u>).

Content of all static pages (About Project, Activities, Concept & Objectives, Consortium, Deliverables, Links, Contact us) are editable via corresponding menu options (Pages -> All pages, Figure 2).

🚯 🖀 ALLIANCE -	+ New Security	Howdy, Transport and Telecommunication Institute 📃
🕐 Dashboard	Pages Add New	Screen Options 🔻 Help 🔻
	All (8) Published (8) Trash (2)	Search Pages
9 Media	Bulk Actions Apply All dates Filter	8 items
	Title	Date
All Pages Add New	About the Project — Front Page Edit Quick Edit Trash View	Published 2016/03/01
💮 Events	— Concept & Objectives	Published 2016/03/01
Appearance Plugins	Activities	Published 2016/03/01
🛓 Users 🎤 Tools	— Consortium	Published 2016/03/01
Settings	Deliverables	Published 2016/03/01
 Soliloquy Security 	Newsletters	Published 2016/03/01
Collapse menu	Contact us	Published 2016/03/01
	Links	Published 2016/03/01
	Title	Date
	Bulk Actions V Apply	8 items

Figure 2. Pages administration

News, publications, and newsletters are managed as Posts (Posts -> All posts, Figure 3).

Dashboard	Deste		Screen Options 🔻	Help 🔻
Dashooard	Posts Add New			
	All (3) Mine (2) Published (3) Trash (2)			Search Posts
All Posts	Bulk Actions Apply All dates All categories Filter			3 items
	Title	Author	Categories	Date
	1st Press Release Edit Quick Edit Trash View	University of Thessaly	Publications	Published 2016/03/04
Media	The first meeting was held	Transport	News	Published
Pages		and 2016 Telecommu nication Institute	2016/01/27	
进 Events				
Appearance	The project ALLIANCE is started	Transport	News	Published
🖌 Plugins		and Telecommu		2016/01/01
🚣 Users		nication		
🗲 Tools	Title	Author	Categories	Date
Settings		Audior	categories	
	Bulk Actions Apply			3 item:
J Security				
 Collapse menu 				

Figure 3. News, publications, and newsletters administration

Post types (news, publications, and newsletters) are distinguished using the Categories. A category should be assigned to the post on the right bottom side of the Post Add/Edit page (Figure 4).

🚯 🔠 ALLIANCE 🕂	New View Post Security Howo	dy, Transport and Telecommunication Institute 🔲 🔒
🚷 Dashboard	Edit Post Add New	Screen Options * Help *
📌 Posts 🛛 🖣	1st Press Release	Publish
All Posts Add New Categories Tags	Permalinic http://aliance.project.eu/press.release.t/c Entr \$ 2 \$ Add Media O Add Sider Visual Text B I = E ≤ If \$ 2 \$	Preview Changes
9 Media		C Revisions: 14 Browse
📙 Pages	Download the Press release	m Published on: Mar 4, 2016 @ 08:00 Edit
👹 Events	Friday 04/03/2016, Volos, Greece	Move to Trash Update
Appearance Appearance Appearance Appearance Appearance Appearance Appearance Subseque Solidoquy Solidoquy Solidoque Colapse menu	A new project on sustainable transport interchanges commenced on January 1 st 2016, financed by the European Union under the HORIZON 2020 Research and Innovation Programme. 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), Greese and Fraunder Institute for Factory Operation and Automation (Praunholer), Germany. Close collaboration of TTI with UTH and Praunholer will enable the achievement of the project's goals through neveral activities, including the cognization of yourg researchers; esminary, workshops and training schools, the development of an educational programme for FhD and post-doctorate students, the facilitation of an educational platform as an on-line tool for continuing education distance learning and knowledge sharing, etc.	Format ▲

Figure 4. Post category selection

Categorised posts are automatically presented in the corresponding sections on the website.

All assigned project participants will be provided with editor accounts for management of specific website areas. The contact person for website administration and support (including accounts management) is:

Dmitry Pavlyuk

Transport and Telecommunication Institute Riga, Latvia email: <u>Dmitry.Pavlyuk@tsi.lv</u> phone: +37129958338 skype: dmitrypavlyuk

1.4 Deliverable scope

The outcome of deliverable D5.4 is the ALLIANCE project website and is publicly available in the domain: <u>alliance-project.eu</u>. The website will be supported by TTI at least 5 years after the end of the project. The structure and content of the website will be formed by partners during the project time frame.

2 Structure of the website

2.1 The website layout and structure

The website is organised as a set of pages that represent the main areas of the ALLIANCE project. Also the website operates with 5 main entities and their lists – news, events, publications, deliverables, and newsletters. The structure is organised via a top drop-down menu. Each website page is organised in a two-column layout (see 6th Review

Date of the review: 21-Mar-2016

Reviewer(s): Kay Matzner

Main action:

- to include the Fraunhofer profile and consortium,
- to interlink the page to Fraunhofers webpage: www.iff.fraunhofer.de,
- to restructure the page like this that updates and news are immediately visible on the front page if people check the website,
- to put Kay Matzner as a contact as well.

).

The main area (at the left) contains page-specific information; the right column is common for all pages and contains a calender of project events, a list of upcoming events, and a list of the latest publications.

Information about project funding is presented at the bottom of every website page.

The current structure of the website is:

 "About the project" page (see 4.1) contains the primary information about the project, its domain and objectives. The detailed information is presented on three separate pages (Concepts & Objectives, Activities, Consortium), organised in a sub-menu (Figure 5)



Figure 5. "Project" pages

- 1.1. "Concept & Objectives" page (see 4.2) contains a detailed information about ALLIANCE project premises, and objectives.
- 1.2. "Activities" page (see 4.3) represents main activities of the project
- 1.3. "Consortium" page (see 4.4) contains information about project institutions TTI, UTH, Fraunhofer.
- 2. "Downloads" page contains all downlodable materials, available on three separate pages (Delivarables, Newsletters, Publications), organised in a sub-menu (Figure 6):



Figure 6. "Downloads" pages

- 2.1. "Deliverables" page (see 4.5) contains a list of all public deliverables of the project.
- 2.2. "Newsletters" page (see **Error! Reference source not found.**) contains a list of yearly electronic newsletters, three in total throughout the project's lifecycle.
- 2.3. "Publications" page (see 4.6) contains information about project-related publications, accompanied with links to external websites if necessary. The latest publications from this list are presented on the right side of every website page.
- 3. "Events & News" page (see 4.7) contains information on all project-related news and events.

- 4. "Links" includes references to third-party websites with project-related information press releases, dissemination materials, etc.
- 5. "Contact us" (see 4.8) contains an extended information about contact details and contact persons, representing all involved institutions.
- 6. "E-Platform" is a link to the supporting e-platform for open access to publications and data from publicly funded research. The platform will be implemented as a separate web application.

All website entities (news, events, publications, deliverables, and newsletters) support extended format of the text content and could be supplemented with one featured image and multiple secondary images (see 4.9).

2.2 Mobile version

The layout of the website is implemented as responsive and the majority of modern surfing devices.

The mobile version of the website is presented to visitors with screen width less than 782px (Figure 7).



Figure 7. The mobile layout

The mobile layout has a foldable top navigation menu (the "hamburger" style), adaptive fonts and paddings.

2.3 Events management

The website implements a fully functioning event management sub-system that allows creating and managing project events.

The following information could be provided for every event:

- 1. Event title
- 2. Dates
- 3. Duration
- 4. Location (institution and address)
- 5. Additional description

If a location of the event is set, the Google map is presented on the event page (see 4.10).

2.4 Integration with social media

The website is prepared to be integrated with 4 social media websites:

- Facebook (<u>www.facebook.com</u>)
- Twitter (twitter.com)
- LinkedIn (www.linkedin.com)
- YouTube (<u>www.youtube.com</u>)

Public integration is implemented as a set of links to social media pages at the top of every website page (Figure 8).



Figure 8. Social media integration links.

Internal integration with social media websites is implemented via a plug-in, which automatically publish information about website entities (news, events, publications, deliverables, and newsletters) to social media accounts.

2.5 Visitor analytics

The Google Analytics web tool was set up for monitoring activities of website visitors. The tool implements a wide range of reporting, including:

- Most visited pages
- Referer (sources of visitors)
- Geo (visitors' geographical locations)
- Behaviour (new and returning, frequency)

These reports will be used for analysis of dissemination results.

The analitics is set up for the <u>tti.allianceproject@gmail.com</u> account.

3 Review of the development activities of the website

The website development was implemented as a multi-step process of reviews and changes to for perfecting its structure, presentation and content.

3.1 1st Review

Date of the review: 04-Mar-2016

Reviewer(s): Mihails Savrasovs

Main corrections:

- to update the project logo and colouring, according to the 1st Dissemination and exploitation plan (Deliverable D5.1),
- to update background graphics,
- to implement featured images for news, publications and other content items,
- to connect the website to the specified Google analytics account,
- to update the EU logo and wording at the website's footer for higher quality.

3.2 2nd Review

Date of the review: 08-Mar-2016

Reviewer(s): Dmitry Pavlyuk

Main corrections:

- to add information about upcoming events and recent news to all pages
- to add contact information to all pages

3.3 3rd Review

Date of the review: 08-Mar-2016

Reviewer(s): Mihails Savrasovs, Irina Jackiva

Main corrections:

- to reorganise the website to two-columns. The right column should contain the event calendar, the list of nearest events and the list of latest publications,
- to limit the social media links with Facebook, Twitter, LinkedIn, and YouTube,
- to set up the "About the Project" as the front page of the website
- to remove header graphics slider from the front page

3.4 4th Review

Date of the review: 15-Mar-2016

Reviewer(s): Mihails Savrasovs, Irina Jackiva, Dmitry Pavlyuk

Main action:

- content of the "About project", "Deliverables", "Activities", and "Contact us" pages is filled

- a new publication (1st Press Release) is added
- a new deliberable (D5.1) is added

3.5 5th Review

Date of the review: 16-Mar-2016

Reviewer(s): Mihails Savrasovs, Dmitry Pavlyuk

Main action:

- to encode emails on the website
- to add "Consortium" information
- to join Downloads and Deliverables menu options
- to add Deliverables into "Latest publications" block
- to register editor accounts for project participants and include a short administrator guide into this document
- to update photos with higher quality
- to update layout of the Latest publications block
- to update the excerpt of published materials
- to remove slider from the Contact us page

3.6 6th Review

Date of the review: 21-Mar-2016

Reviewer(s): Kay Matzner

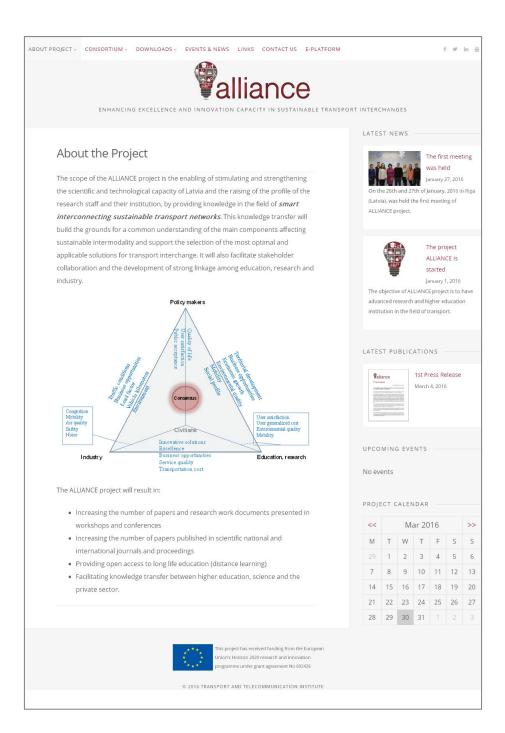
Main action:

- to include the Fraunhofer profile and consortium,
- to interlink the page to Fraunhofers webpage: www.iff.fraunhofer.de,
- to restructure the page like this that updates and news are immediately visible on the front page if people check the website,
- to put Kay Matzner as a contact as well.

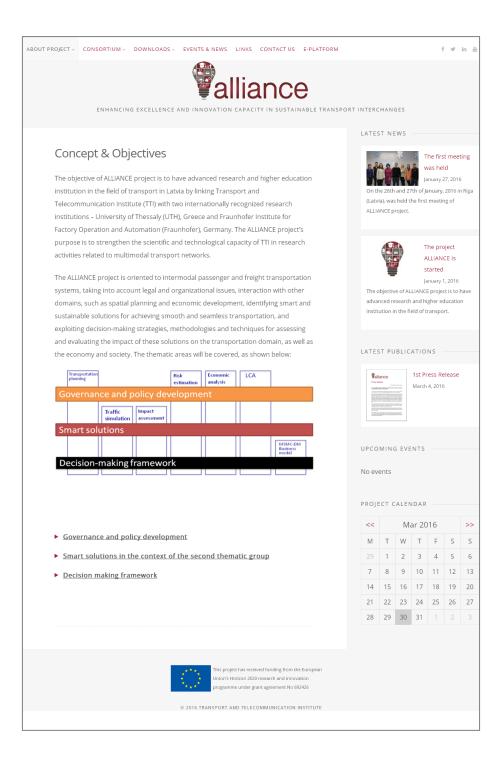
4 Annexes

- Annex A: Screenshot of the "About project" page
- Annex B: Screenshot of the "Concept & objectives" page
- Annex C: Screenshot of the "Activities" page
- Annex D: Screenshot of the "Consortium" page
- Annex E: Screenshot of the "Deliverables" page
- Annex F: Screenshot of the "Publications" page
- Annex G: Screenshot of the "Events & news" page
- Annex H: Screenshot of the "Contact us" page
- Annex I: Screenshot of the Individual news page
- Annex J: Screenshot of the Individual event page

4.1 Annex A: Screenshot of the "About Project" page



4.2 Annex B: Screenshot of the "Concept & Objectives" page

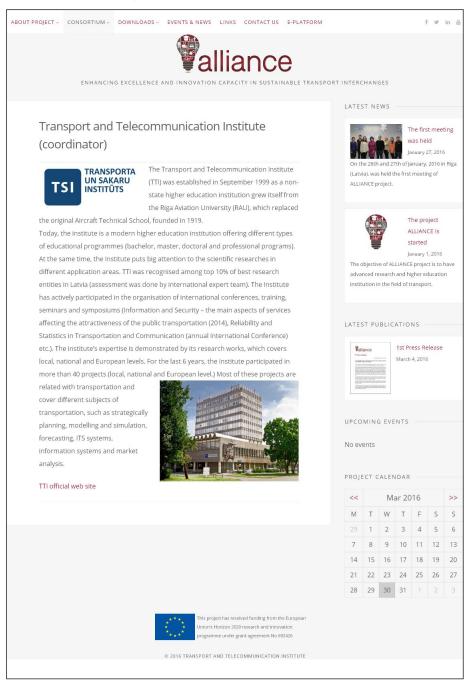


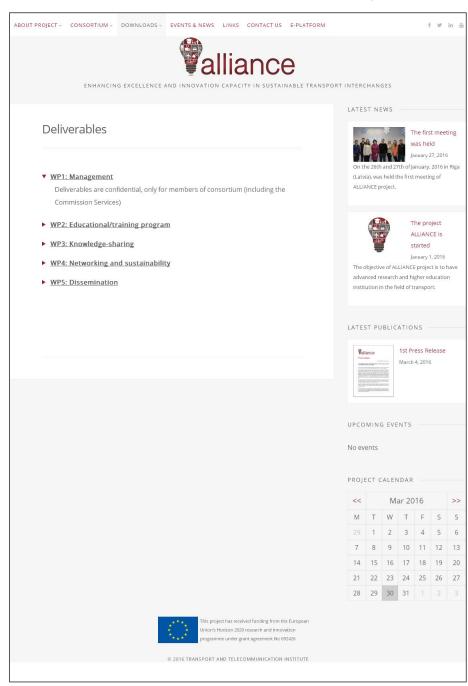
ABOUT PROJECT - CONSORTIUM - DOWNLOADS - EVENTS & NEWS LINKS CONTACT US E-PLATFORM f⊮inä alliance ENHANCING EXCELLENCE AND INNOVATION CAPACITY IN SUSTAINABLE TRANSPORT INTERCHANGES LATEST NEWS Activities The first meeting was held The workflow of the ALLIANCE project is presented on the figure below. There are 5 nuary 27, 2016 work packages in the project, two of them are supporting WP1 and WP5, while WP2, On the 26th and 27th of January, 2016 in Riga (Latvia), was held the first meeting of WP3, WP4 are core of the ALLIANCE. ALLIANCE project. WP1 Project manageme WP3 Knowledge-sharing (TTI) WP2 raining program (UTH) The project al/tr ALLIANCE is Task 2.1. Analysis of the domain started Task 3.1 January 1, 2016 1 The objective of ALLIANCE project is to have Task 3.3. Scientific excellence Task 2.2. am develo advanced research and higher education institution in the field of transport. 1 Task 2.3. (ETP) i ion fram LATEST PUBLICATIONS 1st Press Release Vallance March 4, 2016 ng and sustainability (IFF) Task 4.1. e-platform Task 4.2. nce sustaii Task 4.3. Networking Excell inability UTH UPCOMING EVENTS No events WP1: Management WP2: Educational/training program PROJECT CALENDAR WP3: Knowledge-sharing << Mar 2016 >> WP4: Networking and sustainability М Т W T F S S WP5: Dissemination 3 4 5 6 13 9 10 11 12 7 8 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 is project has received funding from the European nion's Horizon 2020 research and innovatio gramme under grant agreement No 692426 © 2016 TRANSPORT AND TELECOMMUNICATION INSTITUTE

4.3 Annex C: Screenshot of the "Activities" page

4.4 Annex D: Screenshot Screenshot of the "Consortium" page

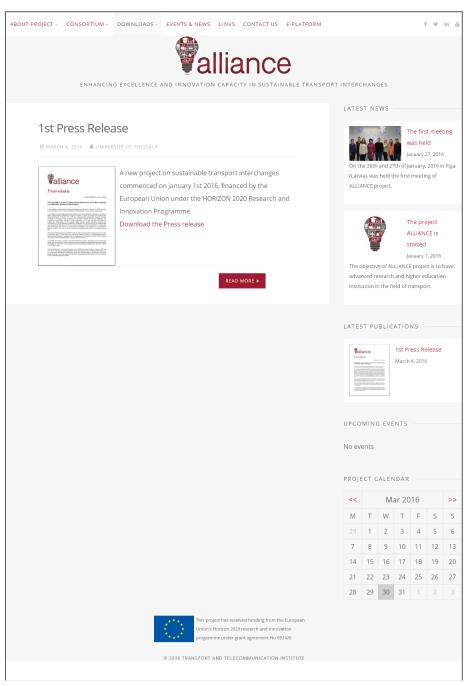
Transport and Telecommunication Institute



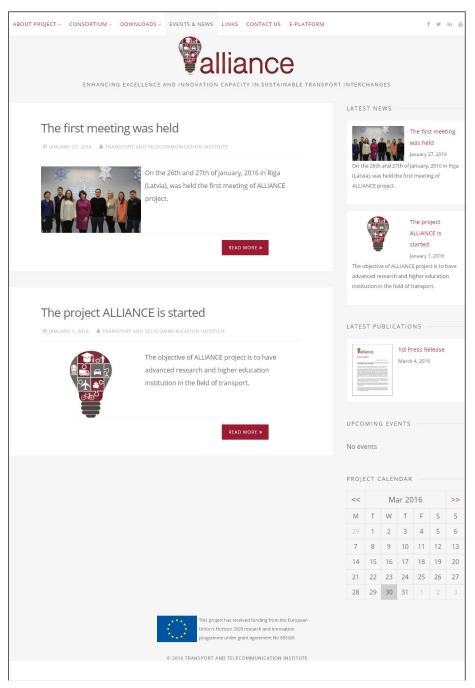


4.5 Annex E: Screenshot of the "Deliverables" page

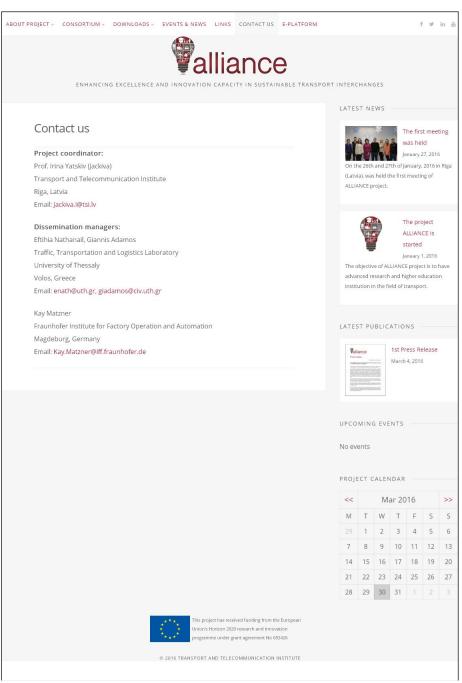
4.6 Annex F: Screenshot of the "Publications" page



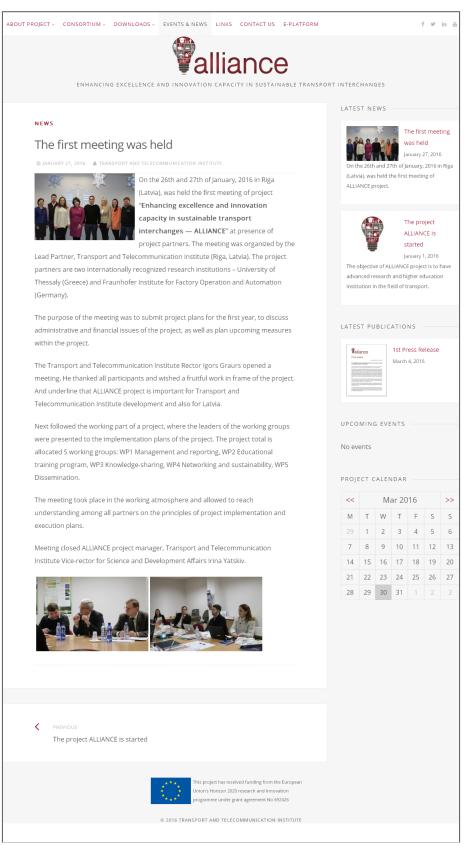
4.7 Annex G: Screenshot of the "Events & News" page

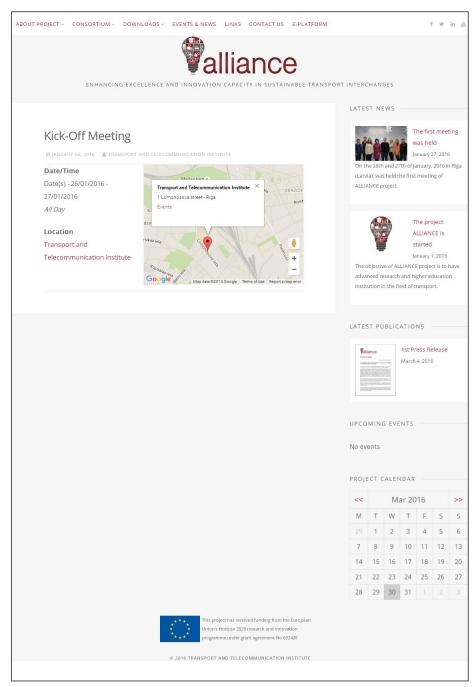


4.8 Annex H: Screenshot of the "Contact us" page



4.9 Annex I: Screenshot of the individual News page





4.10 Annex J: Screenshot of the individual Event page