E.02.13-D16-ALIAS D5.3 Project Web Site - Final Release

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Abstract

This document describes the final release of the ALIAS Project Web Site.

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Executive summary

This document presents a description of the final release of the ALIAS Project Web Site, which is available online at www.aliasnetwork.eu. This was designed at the beginning of ALIAS with the purpose of managing and showing contents related to the ALIAS Project.

Compared with its first release (presented in the ALIAS deliverable D5.2 Project Web Site – 1st release, issued on February 20, 2012), the final version of the ALIAS Project Web Site has maintained the same technical features regarding the hosting, the user interface and the web domains.

The improvements concern the content of the home page, which has been enriched and extended with the news on the ALIAS Project activities and outcomes.

1 Introduction

1.1 Purpose of the document

The purpose of this document is to present the final release of the ALIAS Project Web Site.

1.2 Intended readership

The Project Officer of the ALIAS Project represents the target reader of the document. Through this document, he is provided with a report of the activities carried out by the ALIAS team with respect to the Project Web Site.

1.3 Acronyms and Terminology

Term	Definition
ATM	Air Traffic Management
EAirTRF	European Air Transport Regulation Forum
SES	Single European Sky
SESAR	Single European Sky ATM Research Programme
SJU	SESAR Joint Undertaking (Agency of the European Commission)
SJU Work Programme	The programme which addresses all activities of the SESAR Joint Undertaking Agency.
SESAR Programme	The programme which defines the Research and Development activities and Projects for the SJU.

2 Technical features

Compared with its first release (presented in the ALIAS deliverable D5.2 Project Web Site – 1st release, issued on February 20, 2012) the final version of the ALIAS Project Web Site has maintained the same technical features.

These features are listed in the following sections.

2.1 Technological platform

The technological platform utilizes the following components:

- **Backend:** Joomla Content Management System (CMS) is used to organize, edit and create contents on the website;
- **Front-end:** User interface is implemented in the front-end. Core technology of the front-end is the XHTML/CSS/Javascript stack. jQuery will provide a rich user experience.

2.2 Hosting

Hosting is provided by WebFaction (http://www.webfaction.com/).

The host system is a Linux Red Hat 4.1.2-50 machine, following the technical details:

Hosting plan name	Hosting Plan
Disk space	100 GB
Bandwidth	600 GB/month
Process RAM	256 MB

Figure 1 - Technical details of the Web Site hosting

2.3 Web domains

The following domains are available to access the web site:

www.aliasnetwork.eu

www.aliasnetwork.org

3 Content overview

The ALIAS Project Web Site was designed to manage, show and share the contents related to the ALIAS Project. Compared with its first release:

- the main sections of the website have not been modified;

- the user interface has not been modified;

- the improvements carried out for the final release concern the content of the home page, which has been enriched and extended with the news on the ALIAS Project activities and outcomes.

3.1 Main sections and user interface of the Web Site

As already anticipated, compared with the first release, the main sections and the user interface of the ALIAS Web Site did not undergo changes.

The main sections are:

HOME | PROJECT | NETWORK | CONTACTS.

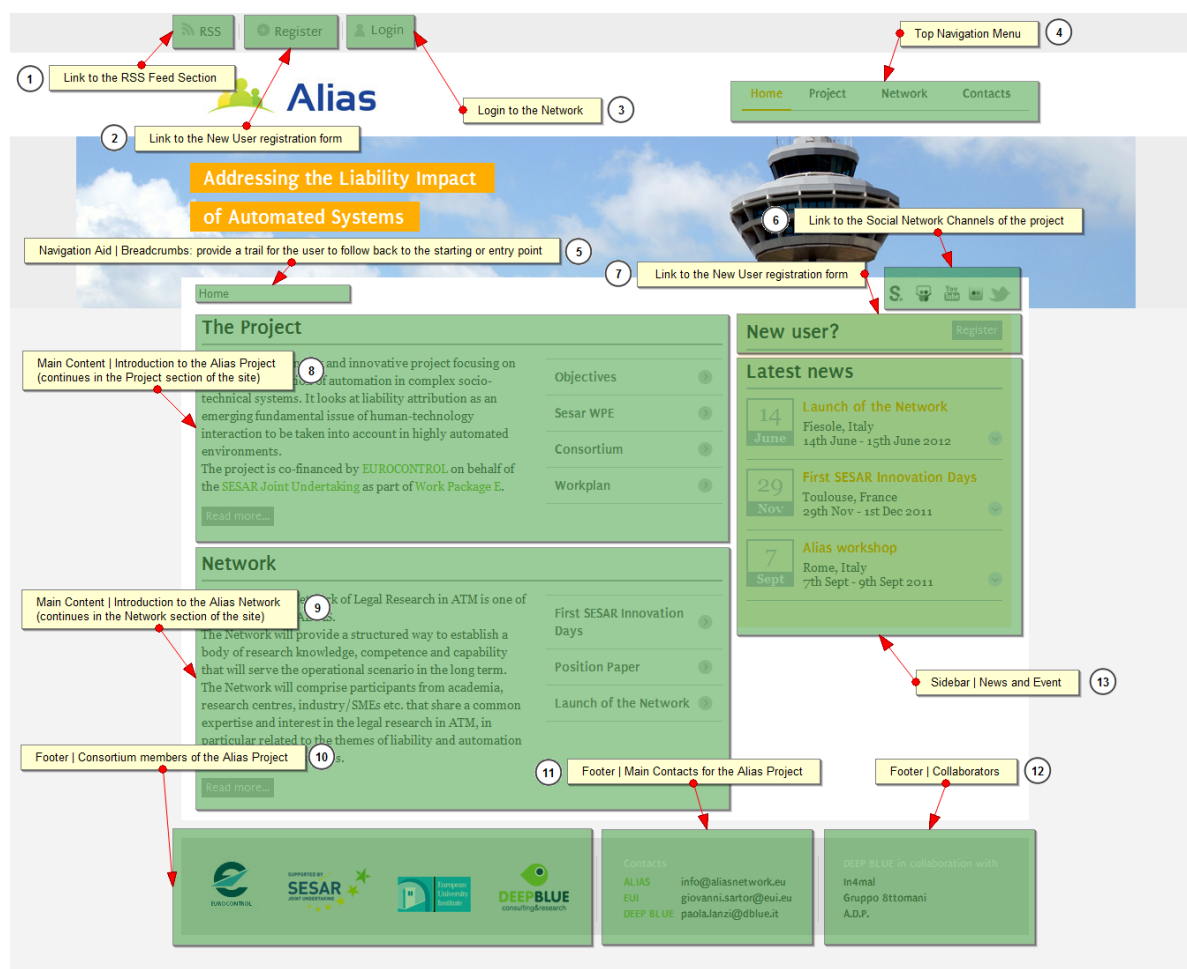The Landing page for the user is: HOME (Figure 2)

Figure 2 - Home page of the ALIAS Project Web Site

The user interface is organized in four main areas:

HEADER | FOOTER | MAIN CONTENT AREA | RIGHT SIDEBAR

HEADER and FOOTER are common to all sections of the web site.

The HEADER contains:

- Link to the RSS Feed section (Figure 2: 1);
- Link to the User Registration Form (Figure 2: 2);
- Link to the Login Panel (Figure 2: 3);
- Top Navigation Menu (Figure 2: 4);
- Navigation Aid (Figure 2: 5);
- Link to the Social Network Channels of the project (Figure 2: 6).

The FOOTER contains:

- List of the Consortium members of the ALIAS project (Figure 2: 10);
- Main Contacts of the Alias project team (Figure 2: 11).

Each page of the Web Site is divided in two main areas:

RIGHT SIDEBAR | MAIN CONTENT AREA.

The RIGHT SIDEBAR contains the:

- Link to the User Registration Form (Figure 2: 7);
- News and Event list (Figure 2: 13);

The MAIN CONTENT AREA is modified according to the visited section. All the CONTENTS displayed in the website support the following functions:

- Send the content to a colleague by email;
- Print the content;
- Download the content in PDF format.

3.2 Home page

As already said, the homepage of the ALIAS Web Site is made of two sections: the MAIN CONTENT area and the RIGHT SIDEBAR.

The MAIN CONTENT AREA displays an excerpt of the sections:

- **PROJECT**. It introduces the ALIAS Project and is articulated in the following sub-sections: *i)* Objectives; *ii)* SESAR WPE; *iii)* Consortium; *iv)* Workplan;
- **NETWORK**. It presents the Alias Network and contains the following subsections: *i)* Launch of the Network; *ii)* SESAR Innovation Days;
- **CONTACTS.** The CONTACTS page is accessible either by using the Top Navigation menu or by the contacts section in the footer. This page displays the following contacts: *i)* Giovanni Sartor, European University Institute, Law Department; *ii)* Paola Lanzi, Deep Blue s.r.l; *iii)* Project e-mail address;
- **REGISTRATION FORM.** Visitors can REGISTER to the network filling in the Registration Form available from the link located in the header of the ALIAS Website;
- **LOGIN PANEL.** Registered users can LOGIN to the network and website using the login panel available from the link in the header of the ALIAS website.

The RIGHT SIDEBAR of the homepage displays the news associated to recent achievements and outcomes of ALIAS. Compared with the first release of the Web site, this section have been enriched and extended with the latest news on ALIAS activities and results, as presented in the following section.

3.2.1 Content updates

The latest news currently active on the Project Web Site deal with:

- The first time application of the Legal Case;
- The participation in the 4th European Air Transport Regulation Forum (EAirTRF);
- The participation in the STASA Workshop on accidents and liabilities.

An excerpt to the latest news is visible in the RIGHT SIDEBAR of the homepage of the Web Site. To read the complete news, the user can click on READ MORE, as depicted in Figure 3.
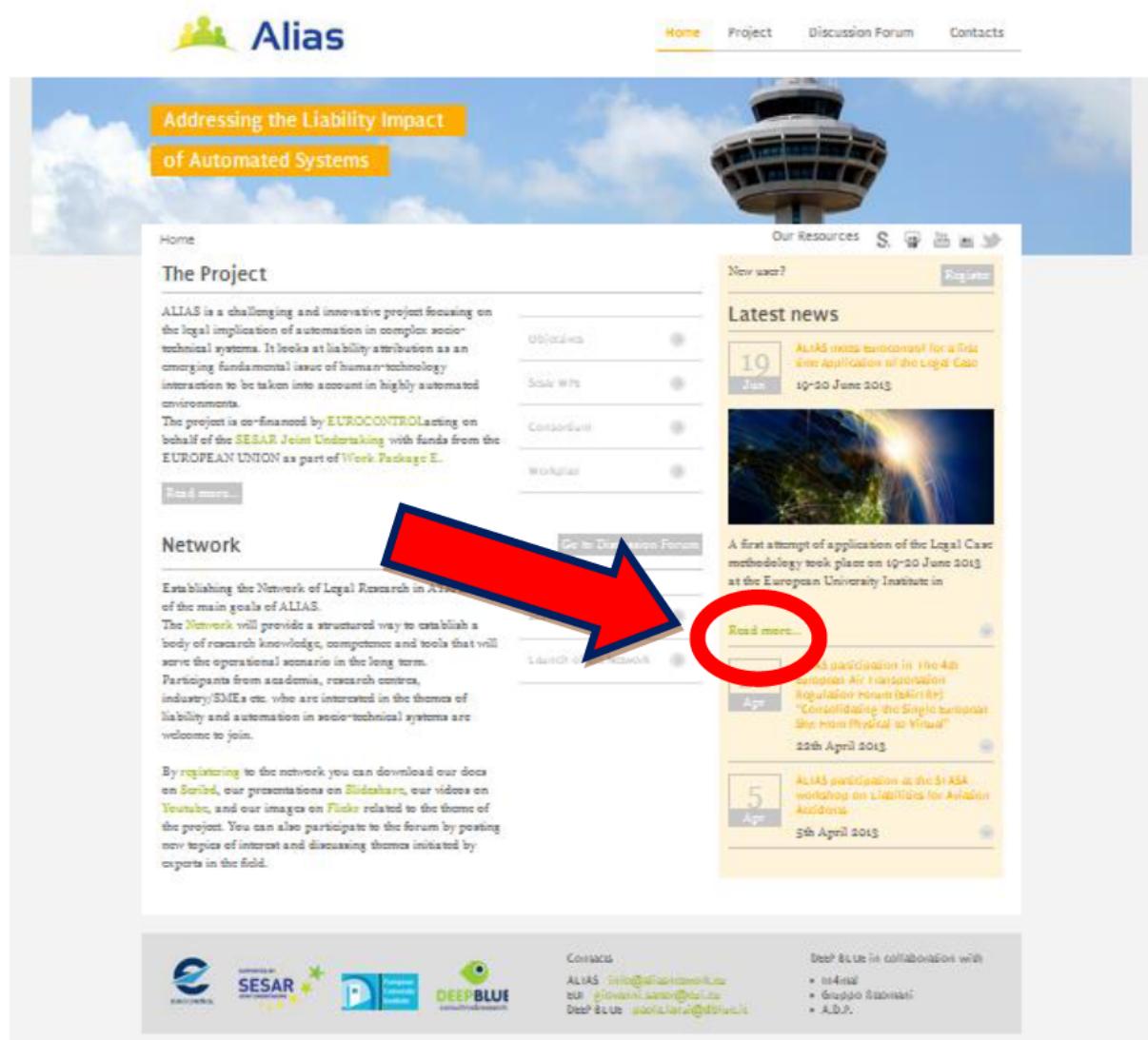

Figure 3 - Latest news

While Figure 4 shows a view of the page displaying the complete news.

ALIAS meets Eurocontrol for a first time application of the Legal Case

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A first attempt of application of the Legal Case methodology took place on 19-20 June 2013 at the European University Institute in Florence.

The application focused on ACAS X, which is a last generation airborne collision avoidance system, expected to be put into operation in early 2020s. This system was chosen on purpose as object of the Legal Case analysis, as it poses important challenges from the liability point of view. Among the others, the fact that ACAS X is supposed to be implemented on a wide range of users classes, involving also Remotely Piloted Aircraft Systems (RPAS) and General Aviation.

For the occasion, the ALIAS team invited Mr. Garfield Dean from Eurocontrol, whose expertise on airborne collision avoidance systems is worldwide recognized. The Legal Case methodology was applied step by step together with him, examining:

- the operational features of ACAS X and the kind of automated support which it provides to the pilot;
- the possible failures of the ACAS X system;
- the liability attribution issues potentially raised by ACAS X;
- the possible mitigating solutions.

The Legal Case application on ACAS X represented a prototype example on how the Legal Case could work and which results could produce. Mr. Dean confirmed that the methodology may be beneficial for proactively addressing the legal risks of the automated system under analysis.
Further applications of the Legal Case methodology on ACAS X are foreseen in the future; updated information on the progress of the activities will be provided on the ALIAS network website.

New user?   Register

Latest news

19 Jun ALIAS meets Eurocontrol for a first time application of the Legal Case

19-20 June 2013

A first attempt of application of the Legal Case methodology took place on 19-20 June 2013 at the European University Institute in Florence.

Read more...

22 Apr ALIAS participation in The 4th European Air Transportation Regulation Forum (EAirTRF) "Consolidating the Single European Sky: From Physical to Virtual"

22th April 2013

5 Apr ALIAS participation at the STASA workshop on Liabilities for Aviation Accidents

5th April 2013

Figure 4 - News on the First Time Application of the Legal Case

4 Conclusions

The current document has presented the final release of the ALIAS Project Web Site.

The Project Web Site developed within the ALIAS Project has demonstrated to be suitable for the Project's needs, supporting the team in communicating relevant news and information on the Project's achievements. The Web Site will be maintained in ALIAS II and improved according to the specific communication needs that may emerge during the project. These improvements will include but might not be limited to:

- an archive of the news;

- a back-office section supporting the ALIAS Team for the upload of relevant news without intervention by the technical administrator. This would hopefully smooth over the process for uploading news, that in the framework of ALIAS has sometimes constrained the update of the Web Site.

Moreover, since problems have been faced in the last part of the project with webfaction, causing malfunctions of the web-site and difficulty to access it from some browsers/platforms, the service provider is expected to be changed at the beginning of ALIAS II.

Last but not least, the Project will be available to host on its Web Site specific pages dedicated to WPE projects addressing the topic of "Legal Implications."

5   References

[1] ALIAS Project, D5.2 Project Web Site – first release, E-02-13-ALIAS-D5.2, 00.00.03, 20.02.2012

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