The sustainable freight railway: Designing the freight vehicle – track system for higher delivered tonnage with improved availability at reduced cost

SUSTRAIL

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PP	Restricted to other programme participants (including the Commission Services)
RE	Restricted to a group specified by the consortium (including the Commission Services)
CO	Confidential, only for members of the consortium (including the Commission Services)

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Table of contents

1. INTRODUCTION 5

2. PROJECT WEBSITE - PUBLIC AREA 6

3. MEMBERS AREA (EXTRANET) 13

4. BROCHURE AND PRESS RELEASE 18

4.1 THE PROJECT LOGO 18
4.2 PROJECT BROCHURE 18
4.3 PRESS RELEASE: KICK-OFF MEETING (FROM UIC WEBSITE) 19
4.4 PROJECT E-NEWS TEMPLATE 22

5. CONCLUSIONS 25

List of Figures

FIGURE 2.1: HOMEPAGE - ABOUT SUSTRAIL 7
FIGURE 2.2: IMAGE ZOOM FUNCTIONALITY (HOMEPAGE) 8
FIGURE 2.3: PARTICIPANTS PAGE 9
FIGURE 2.4: CONTACT PAGE: ONLINE FORM 10
FIGURE 2.5: ADMINISTRATION AREA: SECTION PAGE MANAGEMENT 11
FIGURE 2.6: ADMINISTRATION AREA: ARTICLE PAGE MANAGEMENT 12
FIGURE 3.1: MEMBER'S AREA STRUCTURE 13
FIGURE 3.2: MEMBER'S AREA *DOCUMENTS* SECTION AND SUB-SECTIONS 14
FIGURE 3.3: EXAMPLE OF A WP DIRECTORY CONTENT 14
FIGURE 3.4: WP7 (LEFT) AND WP8 (RIGHT) DIRECTORY CONTENT 14
FIGURE 3.5: EXTRANET GENERAL HOMEPAGE 15
FIGURE 3.6: SUSTRAIL MEMBER'S AREA HOME 16
FIGURE 3.7: SUSTRAIL FILE MANAGER 16
FIGURE 3.8: SUSTRAIL CALENDAR 17
FIGURE 3.9: SUSTRAIL DIRECTORY 17
FIGURE 4.1: THE PROJECT LOGO 18
FIGURE 4.2: THE PROJECT BROCHURE: PAGE4 (LEFT), PAGE1 (RIGHT) 18
FIGURE 4.3: THE PROJECT BROCHURE: PAGE2 (LEFT), PAGE3 (RIGHT) 19
FIGURE 4.4: HEADING OF UIC E-NEWS NR. 245 - 5 JULY 2011 19
FIGURE 4.5: EXTRACT OF UIC E-NEWS NR. 245 - 5 JULY 2011 20
FIGURE 4.6: EXTRACT OF UNIFE SUMMER NEWSLETTER 21
FIGURE 4.7: SUSTRAIL PROJECT DESCRIPTION AT NEWRAIL WEBSITE 22

1. INTRODUCTION

D7.1 “Kickoff Materials: Webpage, brochure, press release” reports information regarding the structure of the project website, the project brochure as delivered and the first press release.

Chapter 2 focus on the project website public area available at http://www.sustrail.eu; while Chapter 3 focus on the project restricted area (Extranet) available at http://ovidentia.uic.org/.

Chapter 4 finally shows the project logo, the project brochure, e-newsletter about SUSTRAIL and press releases.

2. PROJECT WEBSITE - PUBLIC AREA

The project webpage is the instrument used across the project for storing and exchanging information among partners and disseminating project activities to a vast audience. The website is organised in a public area and a private part (Extranet): the private are is accessible only to registered users.

The project website is available at: http://www.sustrail.eu

The key features of the site are:

- A comprehensive and user friendly administrative tool (SPIP) allows authorised users to create/delete/modify content on the site in just a few clicks
- Search engine
- Online forms and polls
- Photo albums
- Naturally optimised site referencing
- Built-in RSS feed
- Statistics

At this stage, the website contains four pages:

1. About SUSTRAIL (public)
2. Participants (public)
3. Contact (public)
4. Member Area (private)



Figure 2.1: Homepage - About SUSTRAIL

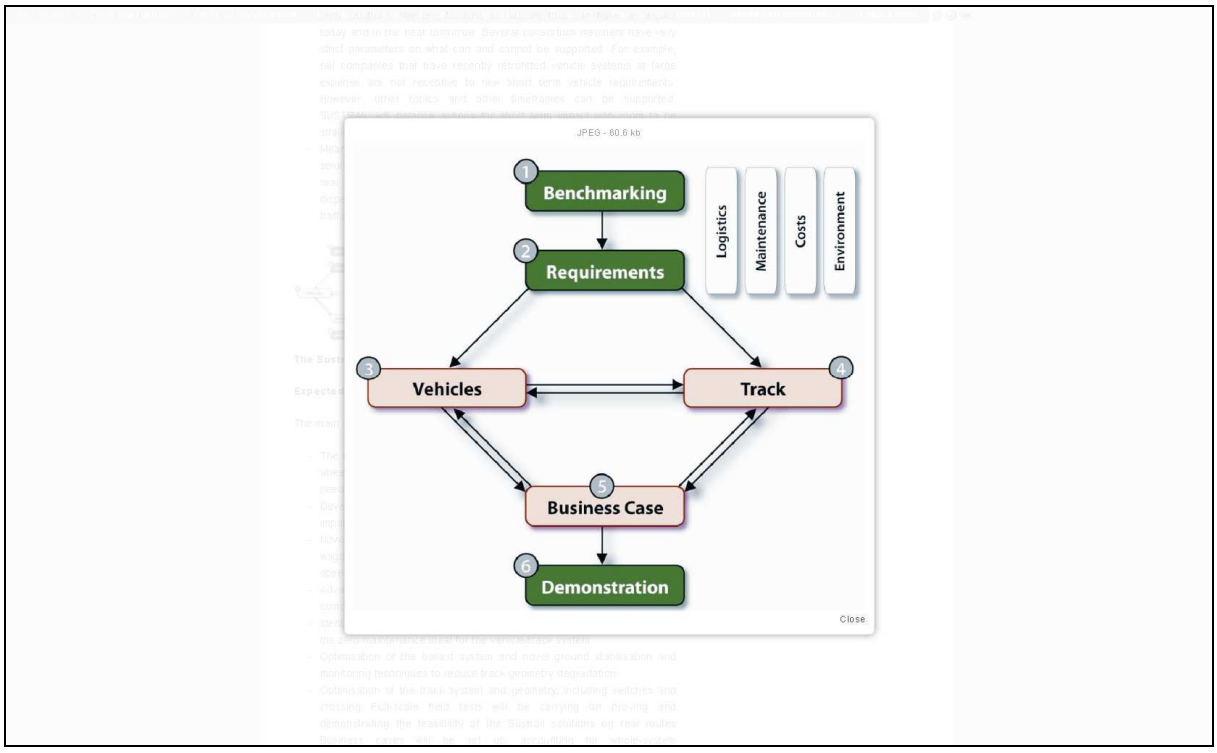


Figure 2.2: Image zoom functionality (homepage)

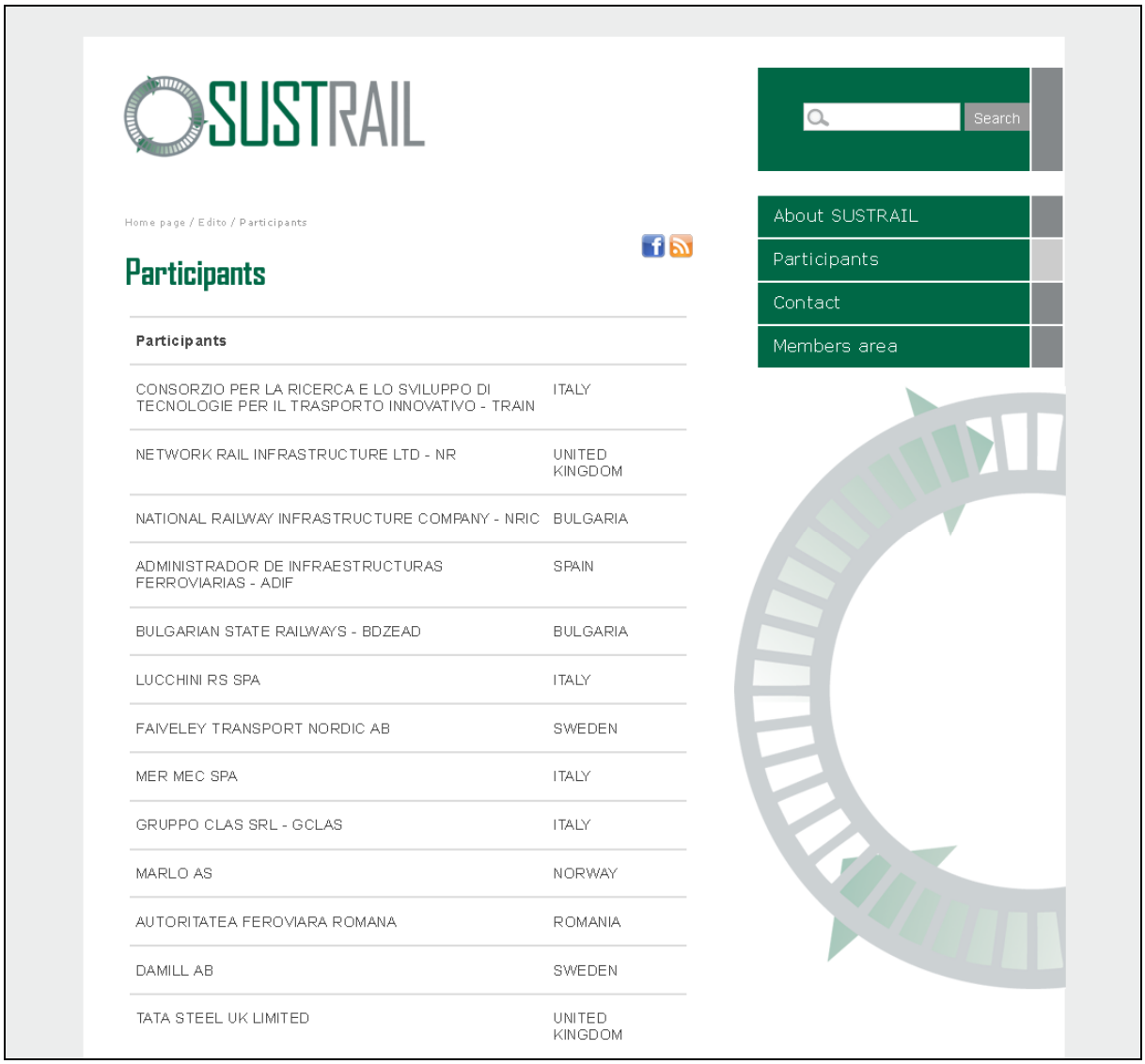


Figure 2.3: Participants page

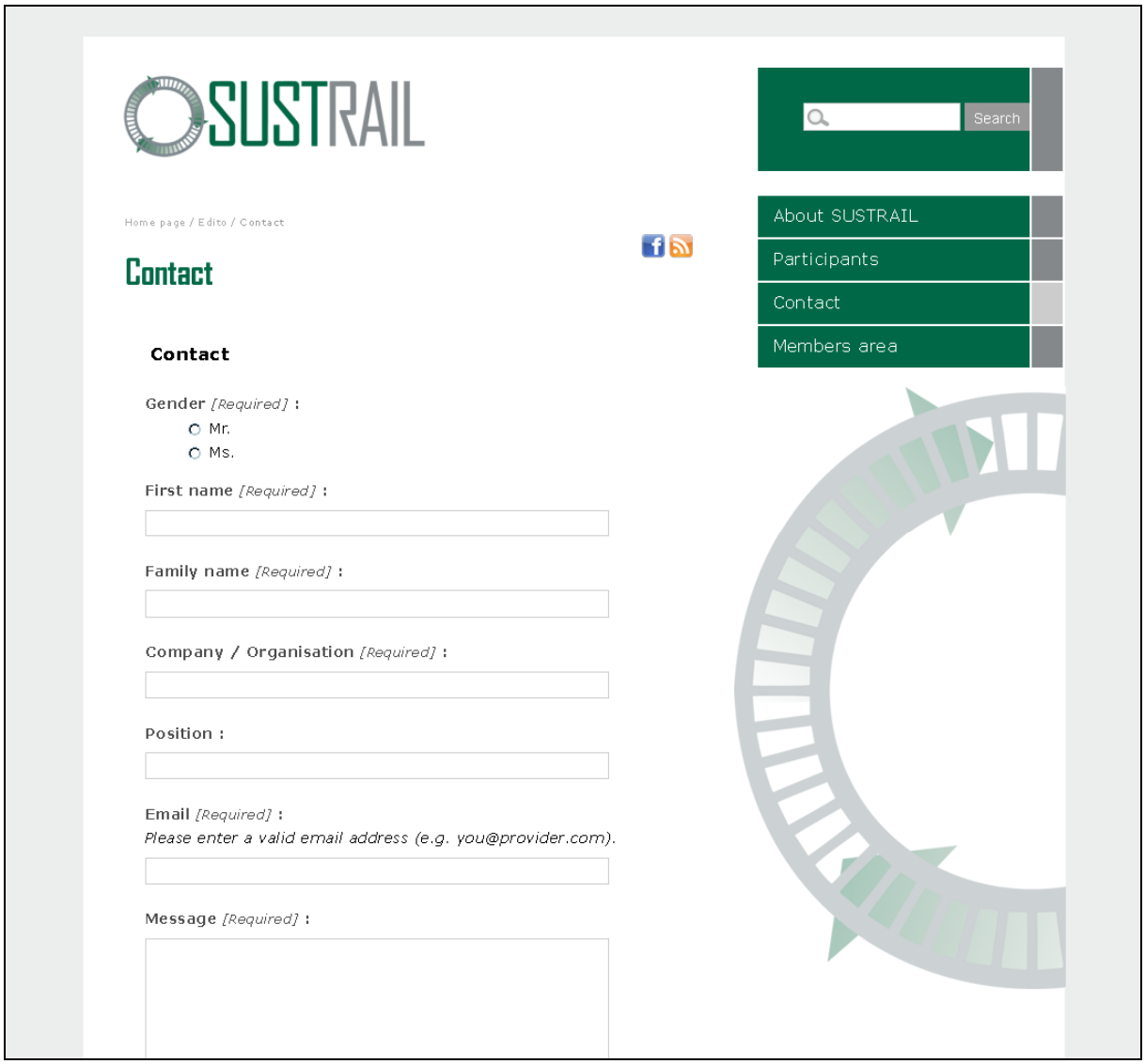


Figure 2.4: Contact page: Online form

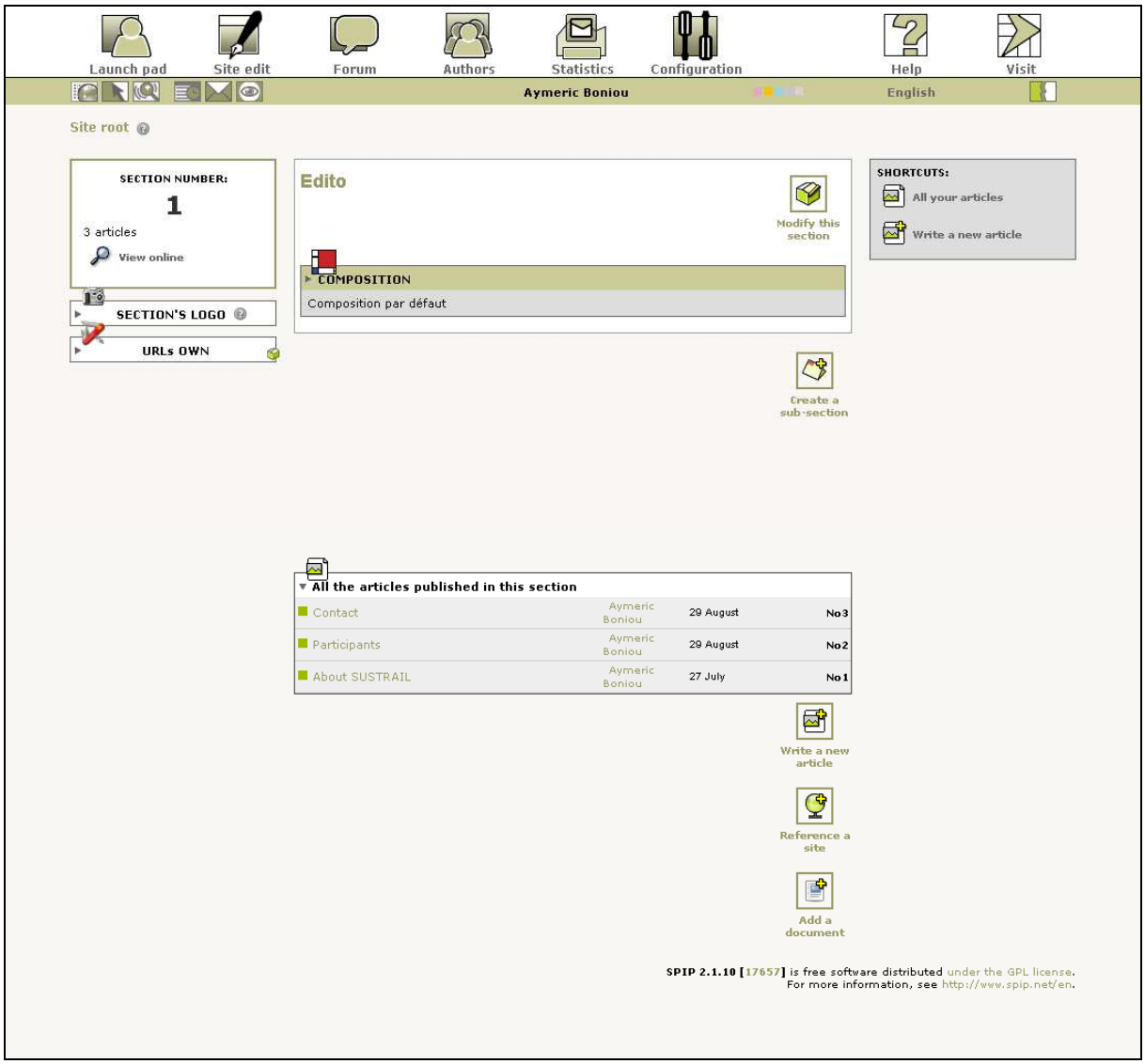


Figure 2.5: Administration area: Section page management



Figure 2.6: Administration area: Article page management

3. MEMBERS AREA (EXTRANET)

Chapter 3 provides a description of the SUSTRAIL member's area (Extranet). This area is used to store and share project documents.

The Extranet, available at http://ovidentia.uic.org/, is a strictly private area where documents, information and any type of materials can be uploaded according to defined access rights by the coordinator or by project partners.

The Extranet is in continuous evolution and is continually upgraded tracking the progress activities and the project timeline.

The following features are part of the member's area:

- File manager
- Calendar and events
- Directories
- Publication
- Forums
- Fine group and rights management
- Statistics

Once login, three main sections are available: *Documents*, *Administration* and *Meeting and Events*.

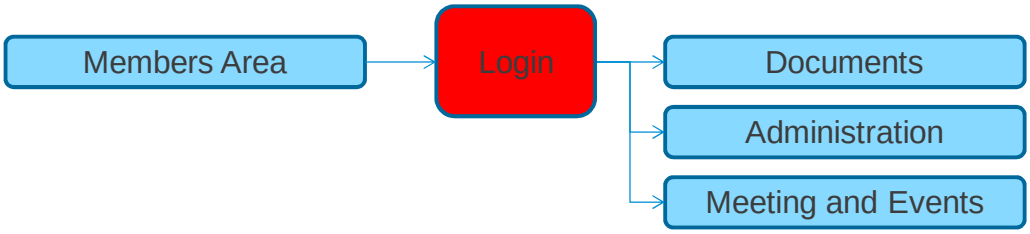


Figure 3.1: Member's area structure

By entering the *Documents* section one can access to the sub-sections which are shown in figure below.

The *Common Document* section under *Documents* includes the documents to EC, the final version of the deliverable in pdf format, the documents and presentations template, any kind of general papers and the consortium agreement. It is responsibility of the coordinator to update and control this section.

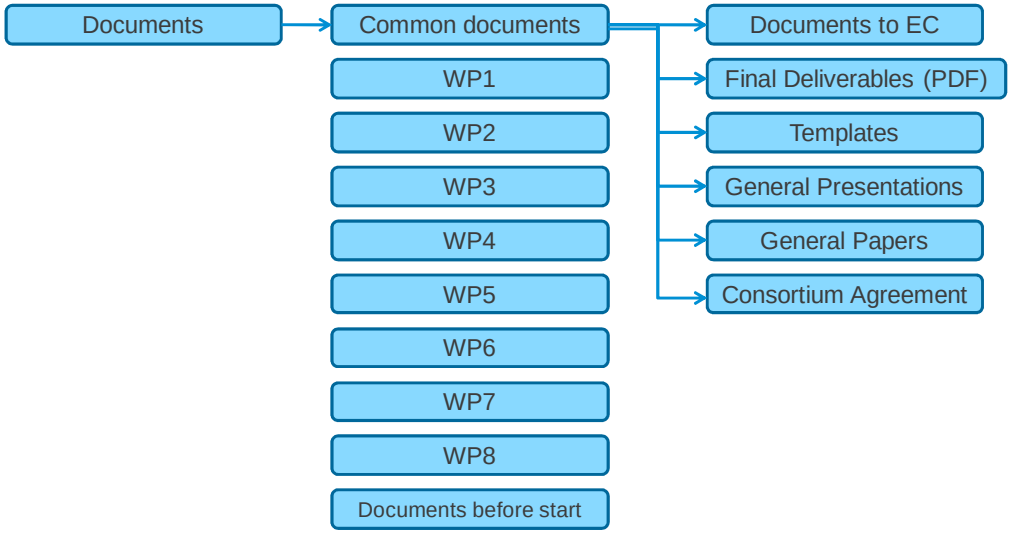


Figure 3.2: Member's area *Documents* section and sub-sections

The *WP* sections include documents related to Meetings, Deliverables and Working Documents. An example of a meeting folder is given in figure below.

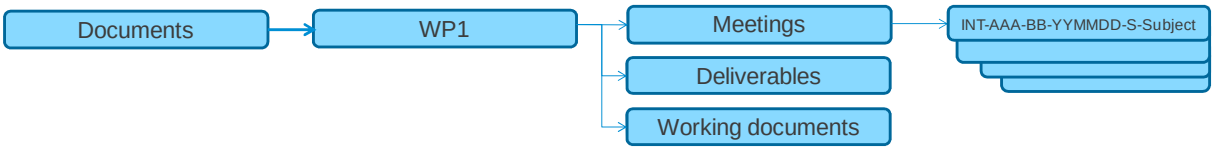


Figure 3.3: Example of a WP directory content

A further example is given in the next figure with reference to WP7 and WP8 which nature is respectively "Other" and "Management": Here further folders have been conceived allowing the user a better tracking mechanism of documents reposed in these sub-sections.

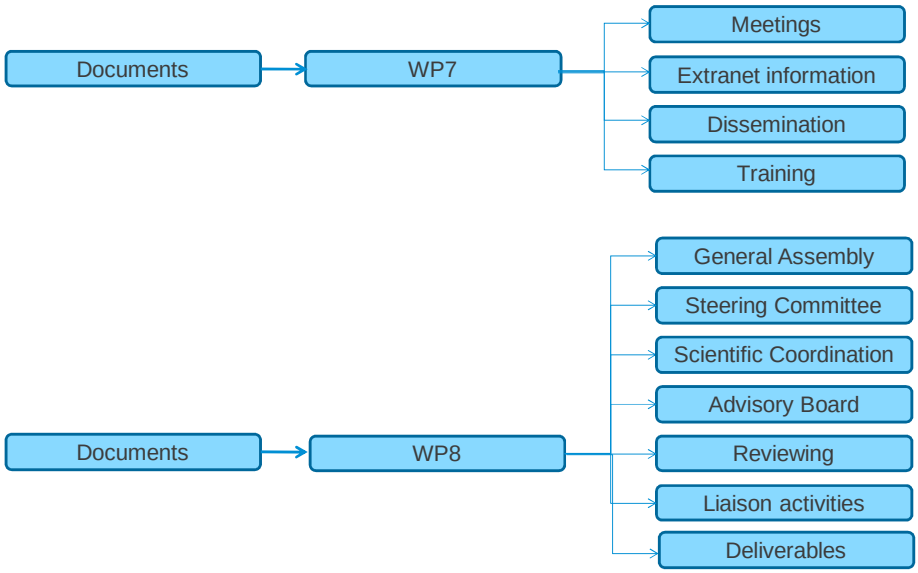


Figure 3.4: WP7 (left) and WP8 (right) directory content

Responsibilities and access rights have been also discussed and defined in order to keep the Extranet updated and to allow each participants sharing and tracking the information of interest.

WP leaders will have the responsibility of keeping updated the content and the information of the WP directory with reference to the WP they are leading.

Access rights for each directory of the *Documents* section have been defined as follows:

- TRAIN (Project Coordinator): full right access (uploading, editing, deleting, etc) to *Common Documents*, *Documents before start* and to the WP(s) is leading:
- NR (Scientific/Technical Coordinator): full access rights to *Common Documents*, *Documents before start* and to the WP(s) is leading;
- WP Leaders (see Annex I - "Description of work"): full access rights to the WP(s) they are leading;
- All other participants: reading only access rights to the *Documents* section

Documents will be uploaded using the Document codification as defined in Section 9.4 of D8.1 "QUALITY ASSURANCE PLAN".

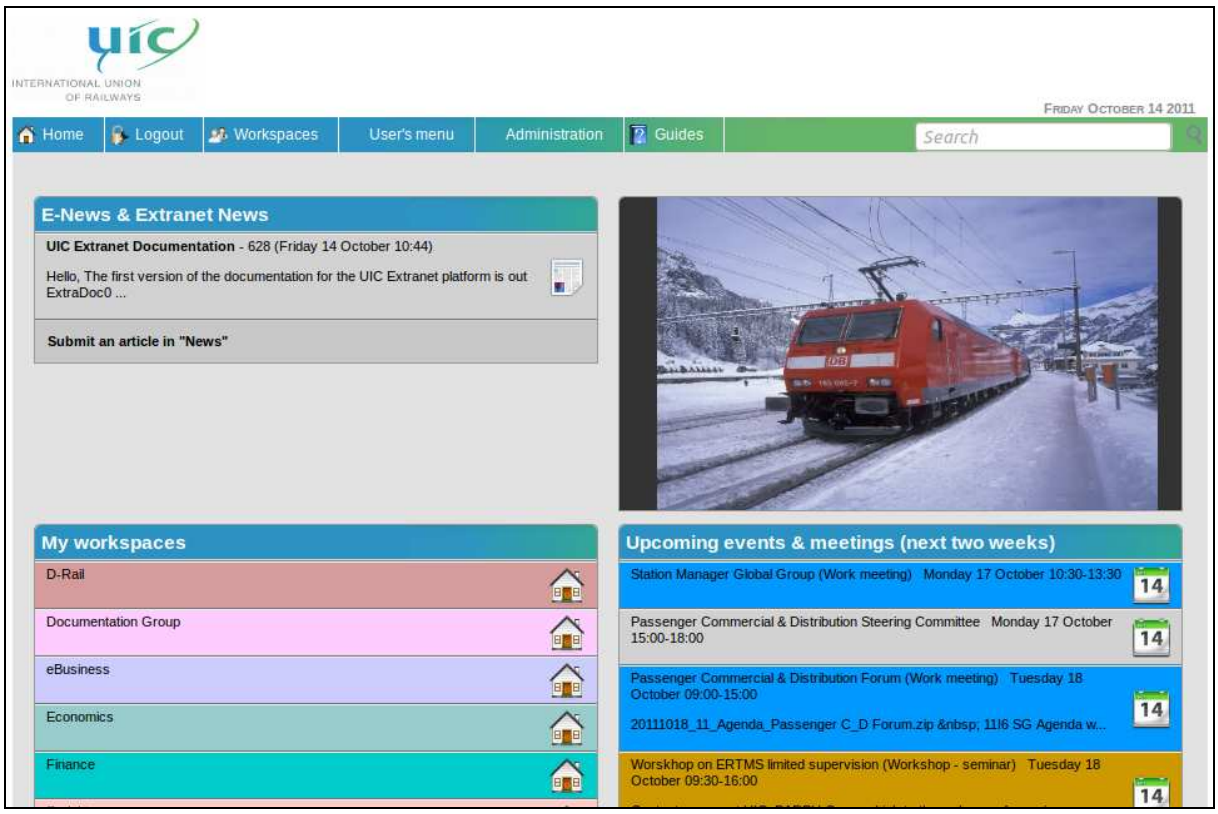


Figure 3.5: Extranet general homepage

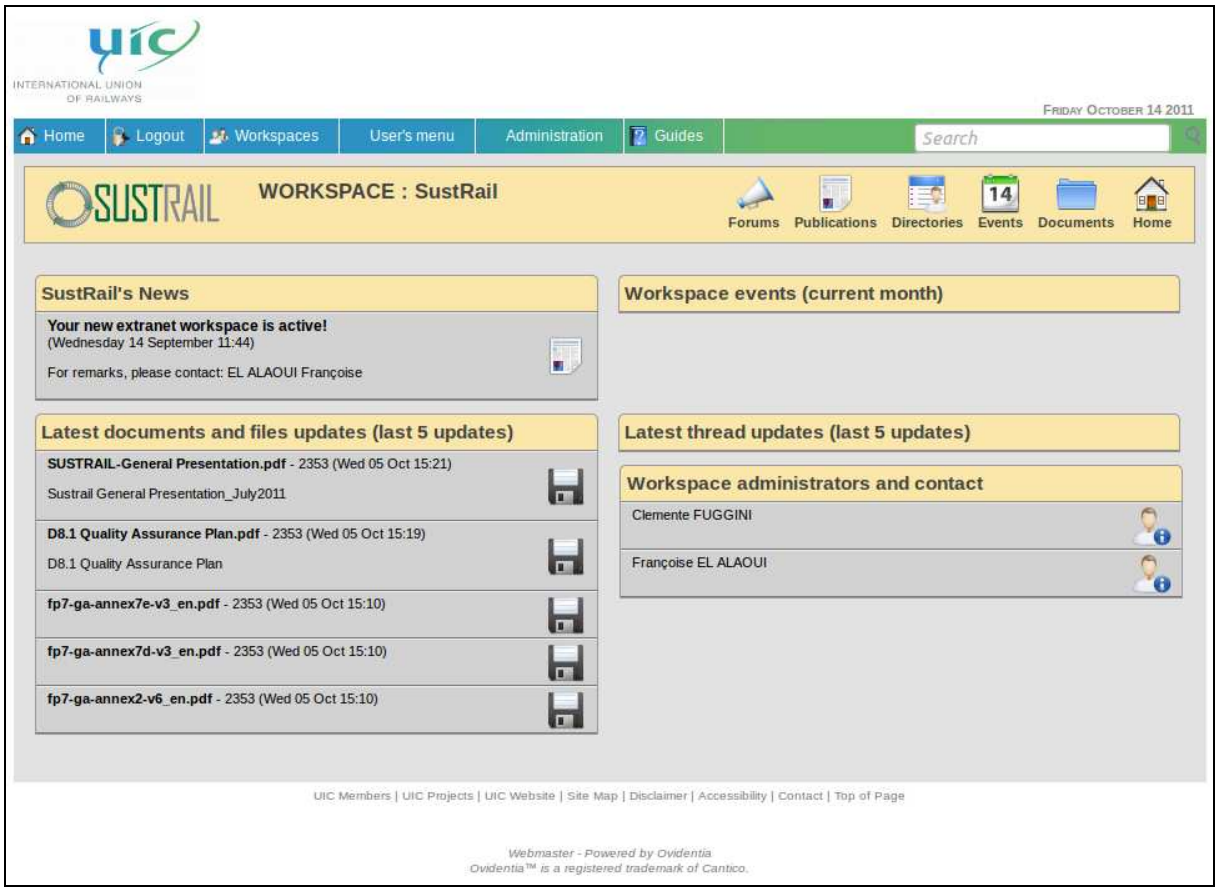


Figure 3.6: SUSTRAIL member's area home

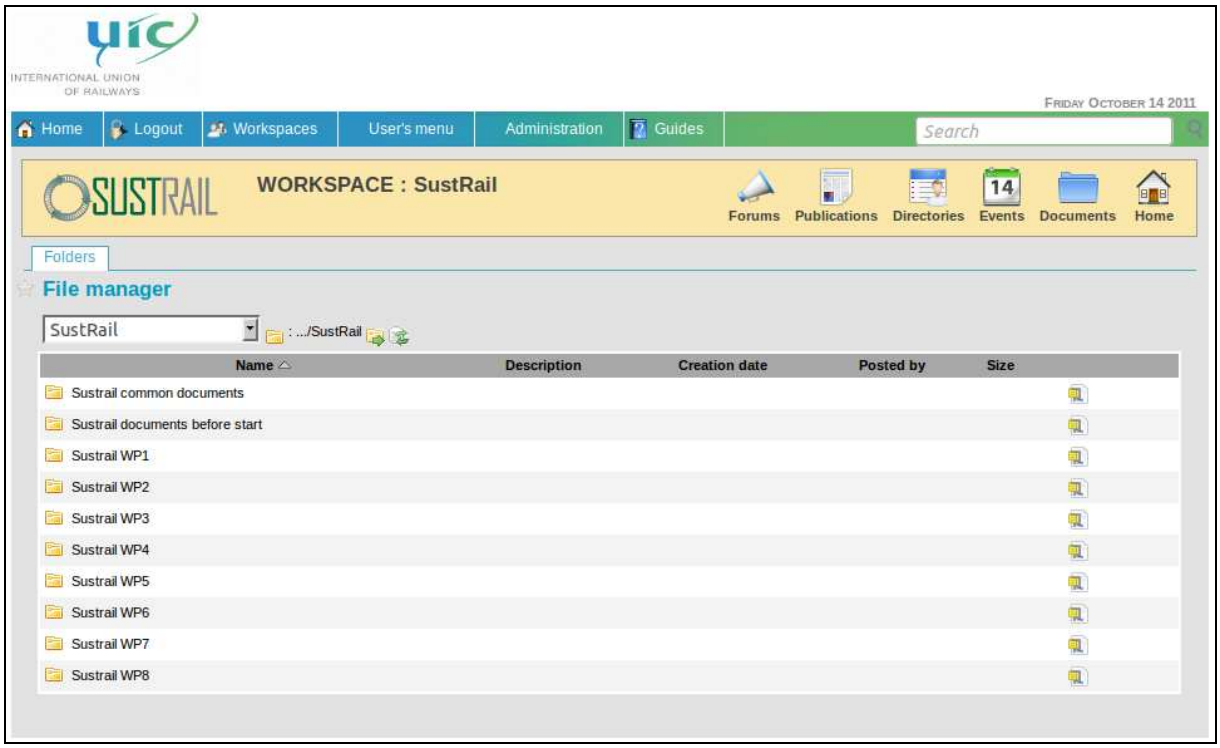


Figure 3.7: SUSTRAIL File manager

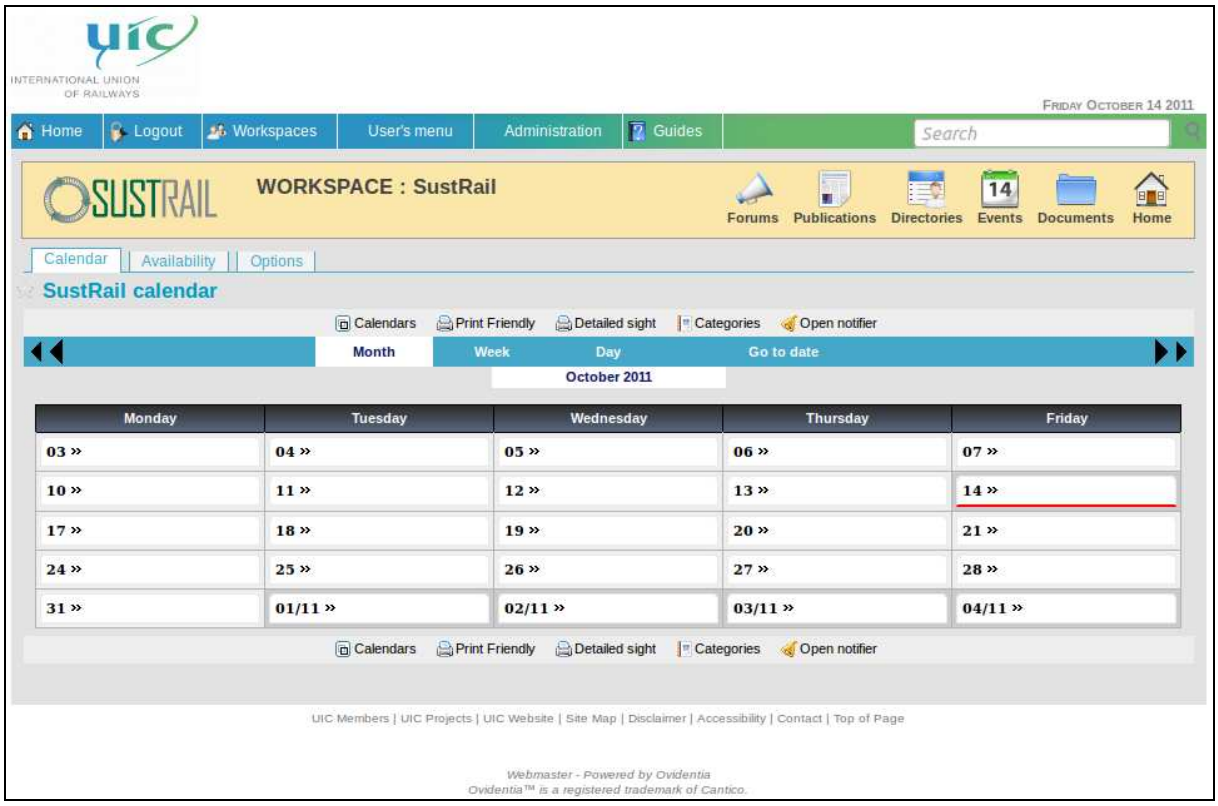


Figure 3.8: SUSTRAIL Calendar

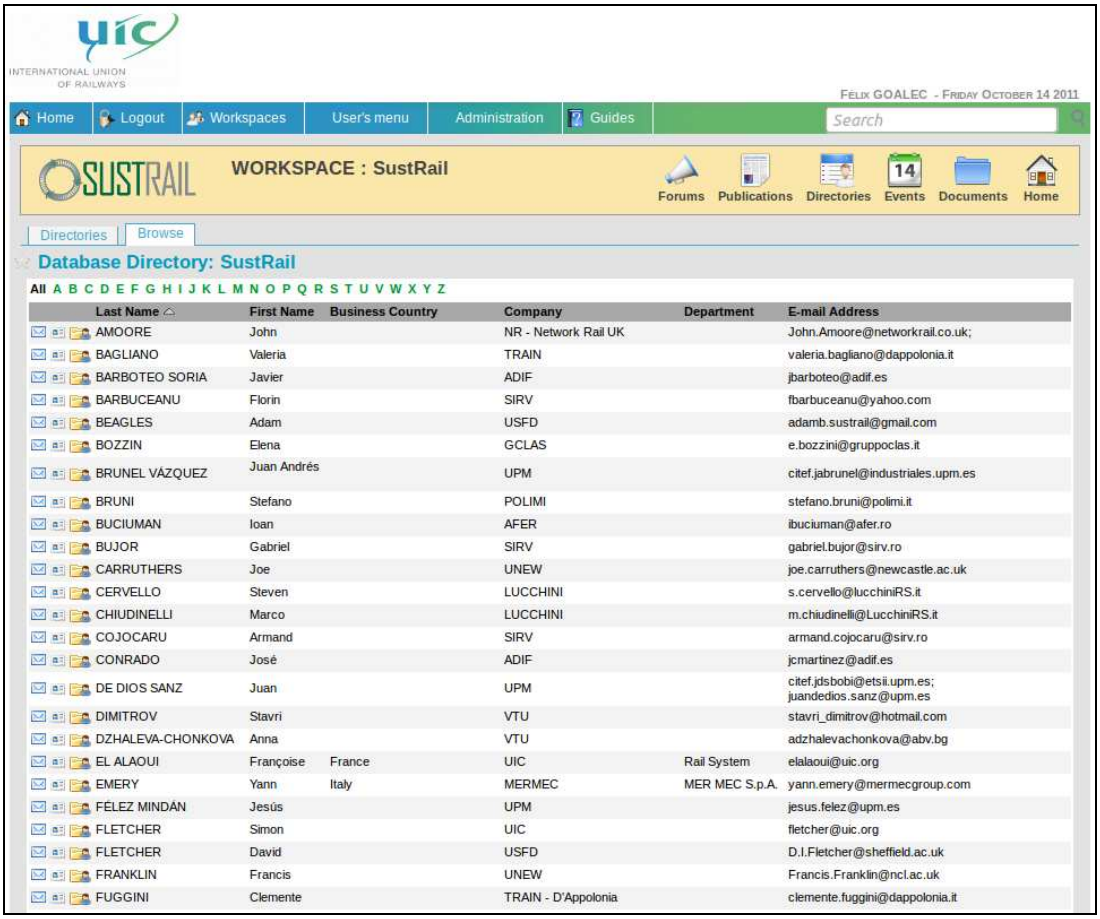


Figure 3.9: SUSTRAIL Directory

4. BROCHURE AND PRESS RELEASE

4.1 The Project Logo

To spread an harmonised and coherent image of the activities carried out under the framework of the project and to clearly identified any kind of internal or public documents, a project logo have been designed by UNIFE and approved by the SC.

Figure 4.1: The project Logo

4.2 Project Brochure

A project brochure has been realized at the beginning of the project in order to initially spread the project information among external audience. The project brochure as released by UNIFE is shown below. It is structured in 4 pages: page 1 reports the project name together with the project logo, page 2 contains general information about the project; page 3 the "key Innovations" and "Benefits" and page 4 the project partners and their logos.



Figure 4.2: The project Brochure: page4 (left), page1 (right)

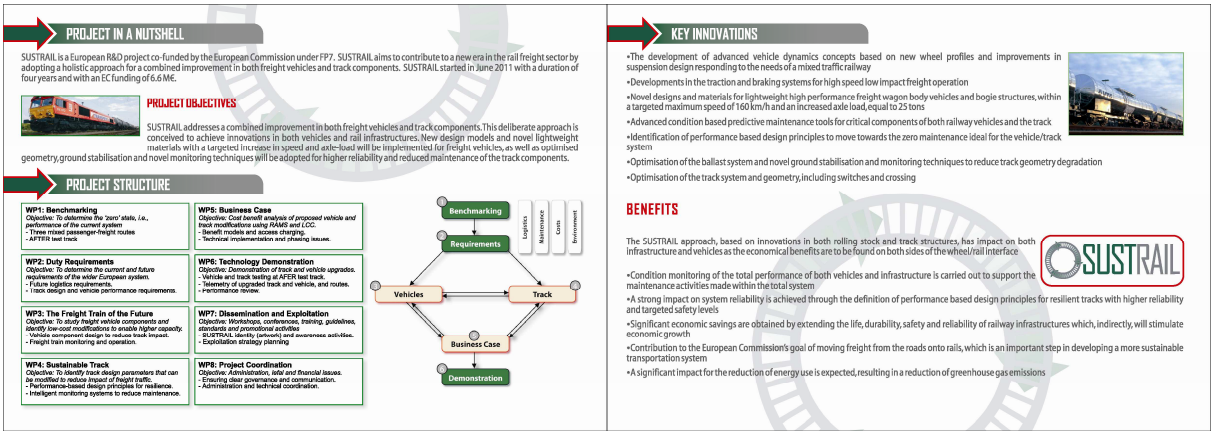


Figure 4.3: The project Brochure: page2 (left), page3 (right)

4.3 Press Release: Kick-off meeting (from UIC website)

Electronic newsletters will be used as ideal medium to keep the Railway community informed about the project.

Both UIC and UNIFE E-newsletters will be very suitable for this purpose.

The SUSTRAIL Kick-off Meeting has been included in the UIC E-news of July 2011 (available at http://www.uic.org/com/uic-e-news/245/).

Also UNIFE reported in their Summer E-newsletter a brief summary about the SUSTRAIL Kick-off Meeting, available at http://www.unife.org/newsletter.asp?nlaid=47&nlid=6



Figure 4.4: Heading of UIC E-news nr. 245 - 5 July 2011

Railway research

SUSTRAIL Kick-Off Meeting



The SUSTRAIL project "The sustainable freight railway: designing the freight vehicle – track system for higher delivered tonnage with improved availability at reduced cost", a consortium project partially funded by the EC, officially started in June 2011 with the kick-off meeting organised on 14-15 June at Milan Polytechnic University's Department of Mechanics, where Professor Stefano Bruni welcomed the representatives of the 29 project partners.



Milan Polytechnic University's

A sustainable and efficient freight transport in Europe plays a vital role in having a successful and competitive economy. Freight transport is expected to grow by some 50% (in tonne-kilometres) by 2020. However rail has, in many areas, been displaced from a dominant position as road transport services have grown and developed in capability and levels of sophistication that have not been matched by rail service providers.

The SUSTRAIL project aims to contribute to a new era of increased competitiveness of the rail freight sector by adopting a holistic approach, implementing a clear methodology and viable procedures for a combined improvement in both freight vehicles and track components. This deliberate approach has been conceived and will be developed to achieve innovations in both vehicles and rail infrastructures. New design (including aerodynamics) models and novel lightweight materials with a targeted increased in speed and axle-load will be implemented for freight vehicles, as well as optimised geometry, ground stabilisation and novel monitoring techniques will be adopted for higher reliability and reduced maintenance of the track components. The benefit will be an increased performance of the whole rail freight system (vehicle plus track), which will be assessed and quantified through the implementation of appropriate life cycle and costs analyses. Finally, business cases will be produced to demonstrate that the contributions, solutions and innovations that SUSTRAIL aims to introduce in the railway sector are viable on real routes.

It is UIC's aim in SUSTRAIL to support with relevant railway information and with recent knowledge from ongoing and recently completed R&D projects. UIC is responsible in the SUSTRAIL project for Dissemination and Exploitation activities and, as such, looks forward to transform many project deliverables into public practical results for the benefit of their members.

For more information please contact Bjorn Paulsson: paulsson@uic.org

Figure 4.5: Extract of UIC E-news nr. 245 - 5 July 2011



Figure 4.6: Extract of UNIFE Summer newsletter

News about SUSTRAIL are also available online by visiting the Newrail website at http://www.ncl.ac.uk/newrail/research/project/3974.



Figure 4.7: SUSTRAIL project description at NEWRAIL website

4.4 Project E-news template

A template for any kind of upcoming SUSTRAIL E-newsletter have been set up in order to define a clear and unique identification of any SUSTRAIL information which will be disseminated by electronic newsletters.

SUSTRAIL
E-Newsletter

Newsletter Date:

Newsletter Description:

E-Newsletter



A European Project supported through the Seventh Framework Programme for Research and Technological Development.

SEVENTH FRAMEWORK PROGRAMME

SUSTRAIL E-Newsletter

Newsletter Date: Date Here

Newsletter Description: Title Here

2

5. CONCLUSIONS

The present document reports an overview of the Webpage (both the public and the private area), brochure and press release of the project.

It is worth nothing that the content of the project webpage and the type of dissemination materials, press release and brochure will be continuously updated as following the project activities.