



4FUN

“The FUture of FUlly integrated human exposure assessment of chemicals:
Ensuring the long-term viability and technology transfer of the EU-FUNded 2-
FUN tools as standardised solution”

Grant agreement No.: 308440 (Collaborative Project)

Deliverable D6.3: Web-based Platform

Due date of deliverable: 30 September 2013

Actual submission date: 31 October 2013

Start date of project: 1st October 2012

Duration: 36 months

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Contributing Partners	AEIFORIA
Task	Task 6.1: Development of project website and a web-based platform
Revision	

Project co-funded by the European Commission under the Seventh Framework Programme (FP7)		
Dissemination Level		
PU	Public	X
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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Abbreviations

RWD Responsive Web Design

1 Introduction

To distribute the improved, tested and validated 2-FUN tool, together with supporting documentation and training materials the 4FUN consortium planned the development of a web-platform to host the latest version of the 2-FUN tool and accompanying documentation.

The platform will facilitate and encourage collaboration and exchange of knowledge and experience in exposure and risk assessments using the 2-FUN tool.

Case studies developed in WP5 and training materials developed in WP6 will be made available through the web platform. The 4FUN European Observatory delivered in T6.5 will be hosted as well in the web platform.

The 4FUN project intends to use an approach where any user is guided through the tool according to the needs and the problems he wants to solve using the knowhow available in the developing group. For this purpose, interactive training sessions with different certification levels where the trainee can choose when and where he wants to be trained will be incorporated.

The Web Platform will be also used for the public consultation (web survey) with the user communities, the result of which is needed in WP2 and WP7.

P3/FACILIA is responsible for setting up the web platform and its maintenance.

The web address of the platform is <http://software.4funproject.eu/>.

1.1 Purpose of this report

This report aims to explain the structure of the web platform and the technology behind the web solution. This report also includes a user guide to get started with the community forum.

2 Website Structure

The web platform is located at <http://software.4funproject.eu/> and has a simple structure that includes a restricted area for registered users.

This chapter lists the pages on the web platform and includes screenshots to demonstrate its content.

2.1 Sitemap

- Home (Start page)
- News
- About
- Download
- Learn
 - Tutorials
 - Documentation
 - Schools
- Support
 - Frequently Asked Questions
 - Request feature or report bug (restricted area for registered users)
 - Contact us
- Forum (restricted area register users)
 - New Topic
 - Registration
 - Getting started with Forum
 - Lost Password Recovery (access from login widget)

2.2 Home - Start Page

THE UNNAMED

Exposure Assessment Software

Home News About Download Learn Support Forum

THE UNNAMED

Multimedia Modelling Software

THE UNNAMED exposure assessment software can be downloaded free of charge. [Learn how to use THE UNNAMED](#)

[Download](#)

Setup your scenario

Construct a model by combining transport, exposure, PBPK and dose response models from the unnamed library. [Read more](#)

Run simulations

The unnamed features powerful numerical solvers in combination with state of the art methods for uncertainty and sensitivity analysis. [Learn more](#)

4FUN Project

The unnamed was developed within 4FUN Project funded by the [EC 7th Framework Programme](#).

About | Download | Learn | Support | Contact us

Figure 1 - Start page

This site has been developed using a Responsive Web Design (RWD). The selected theme efficiently adapts the website layout to the viewing environment which can vary from mobile devices to different desktop monitors.



Figure 2 – Home page on mobile device

2.3 News

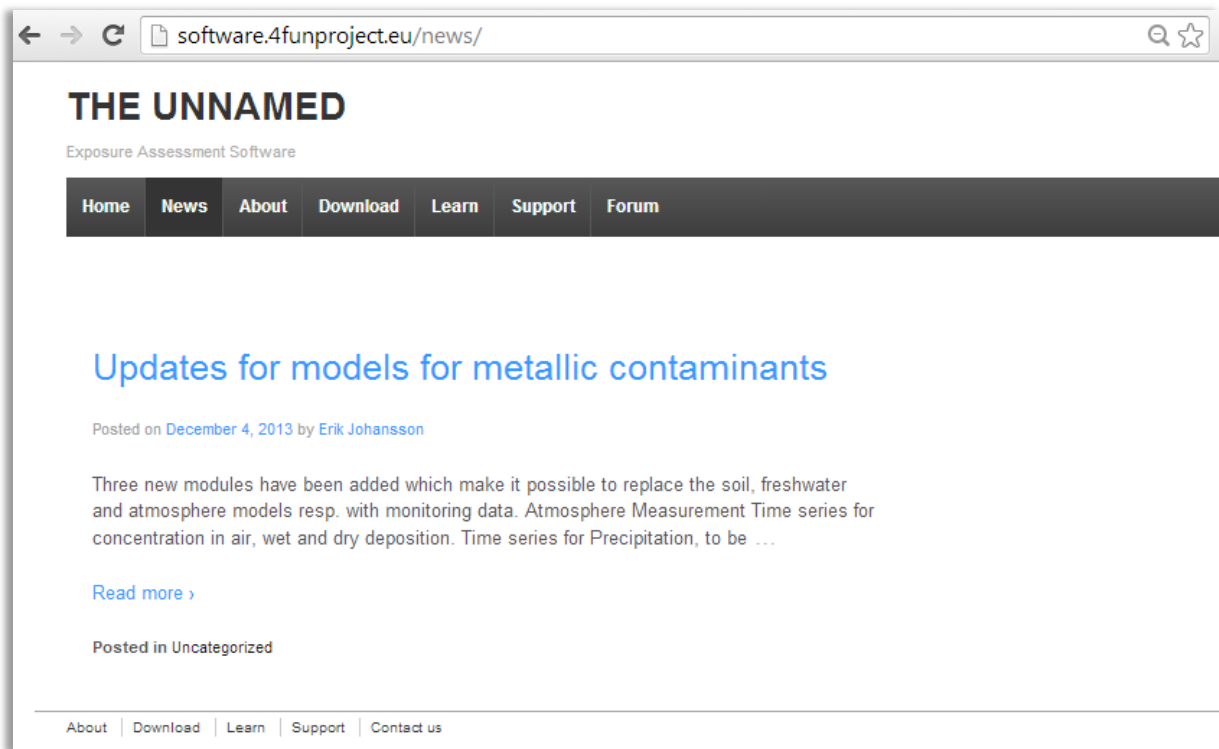


Figure 3 - News

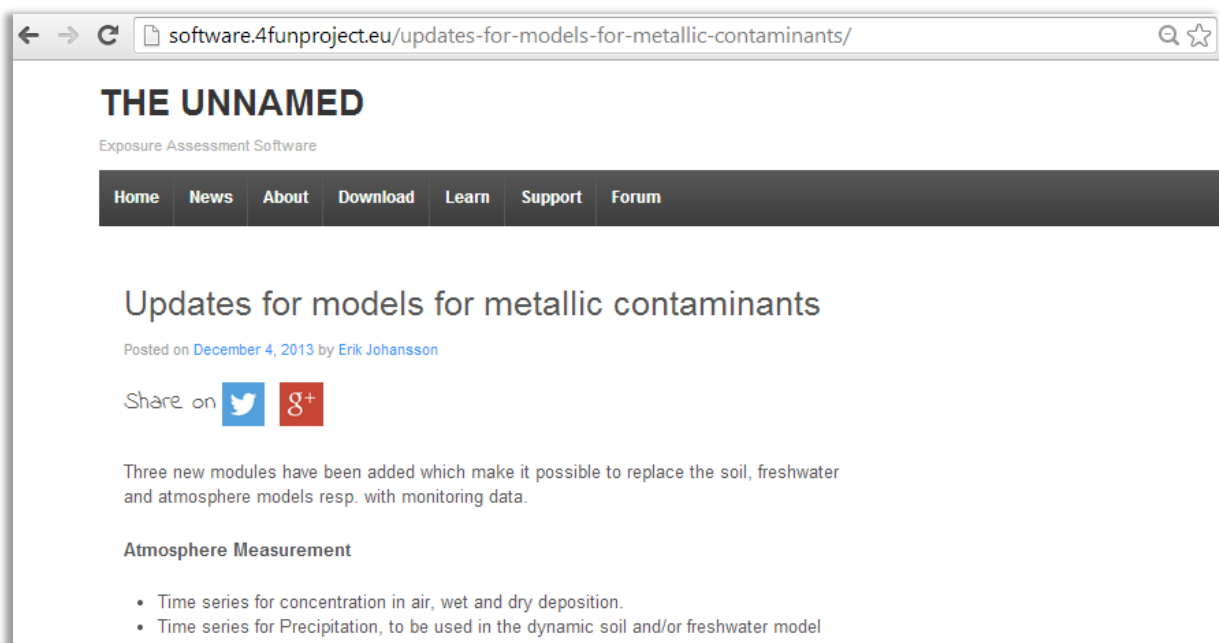


Figure 4 - Social media buttons to share the website content

2.4 Download

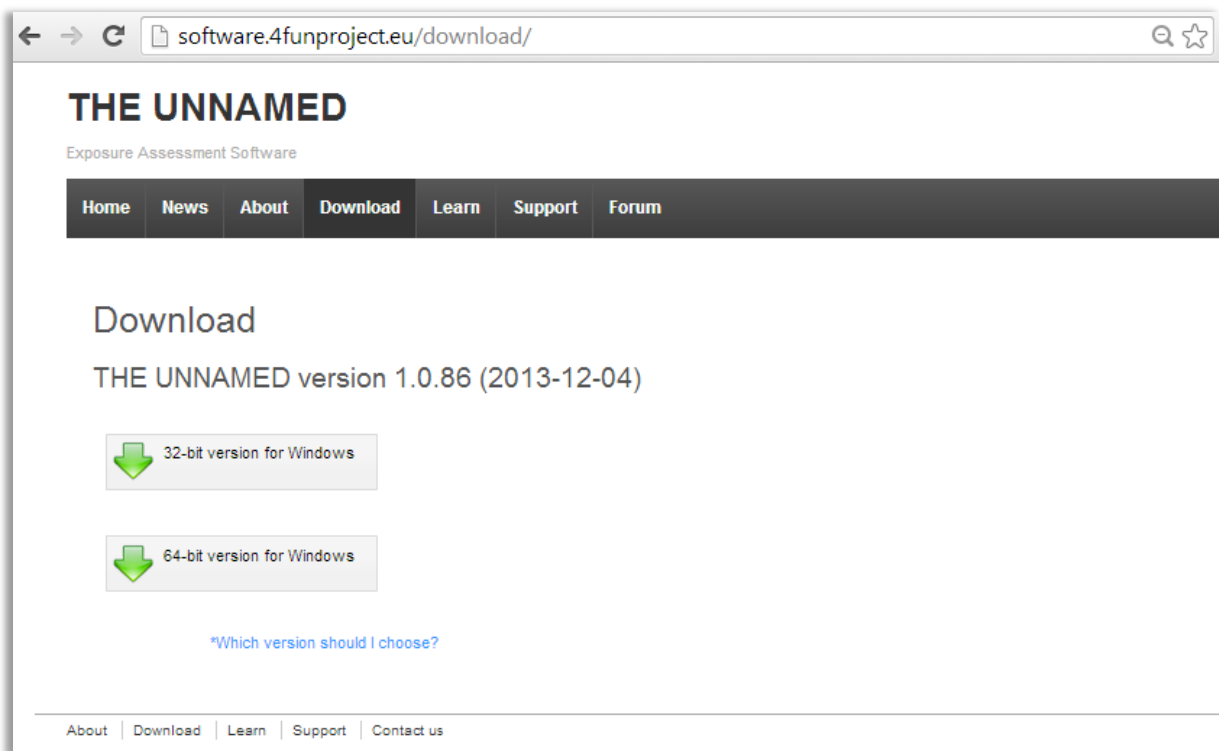


Figure 5 - Download

2.5 Learn

2.5.1 Tutorials

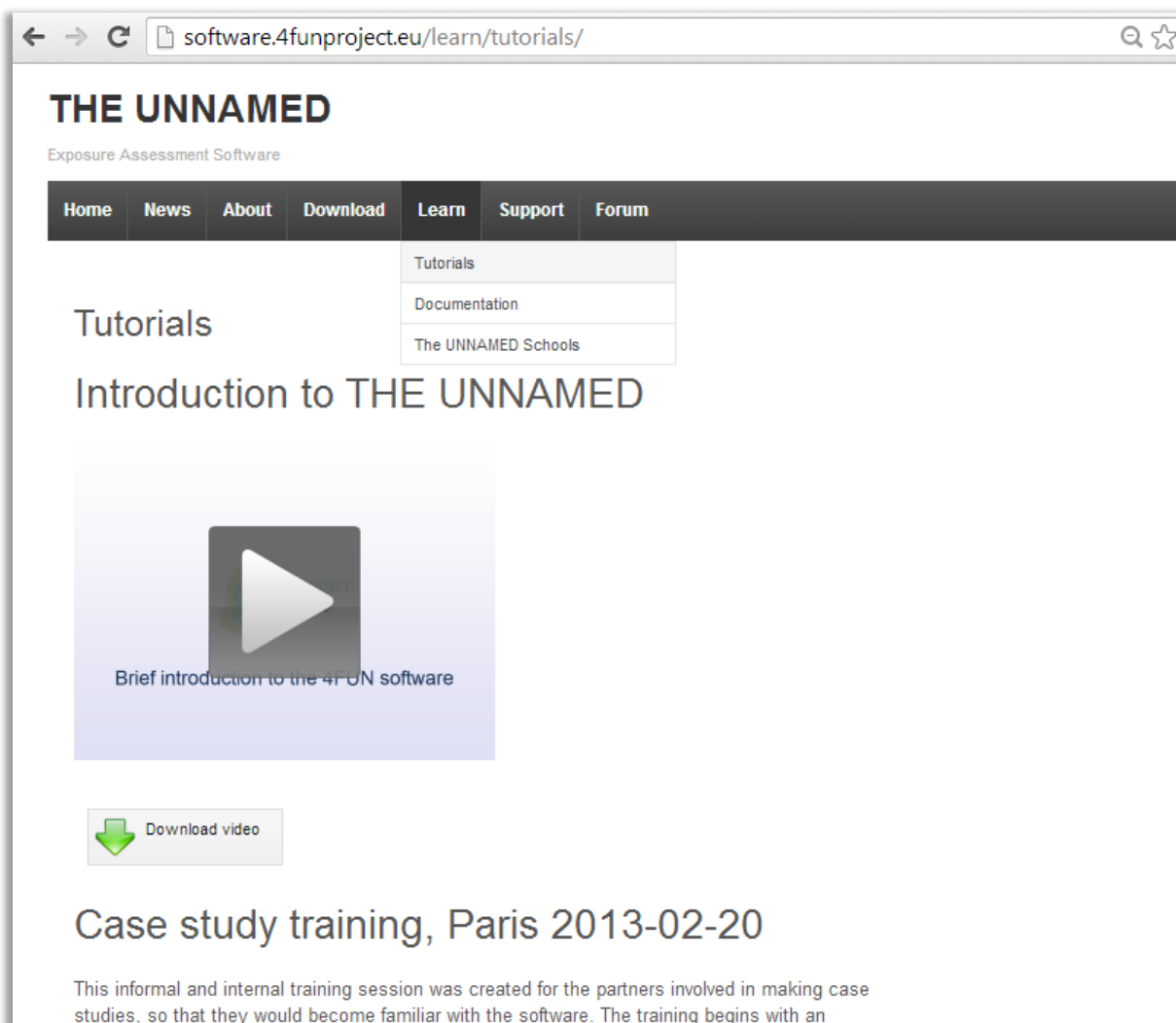


Figure 6 - Tutorials

2.5.2 Documentation

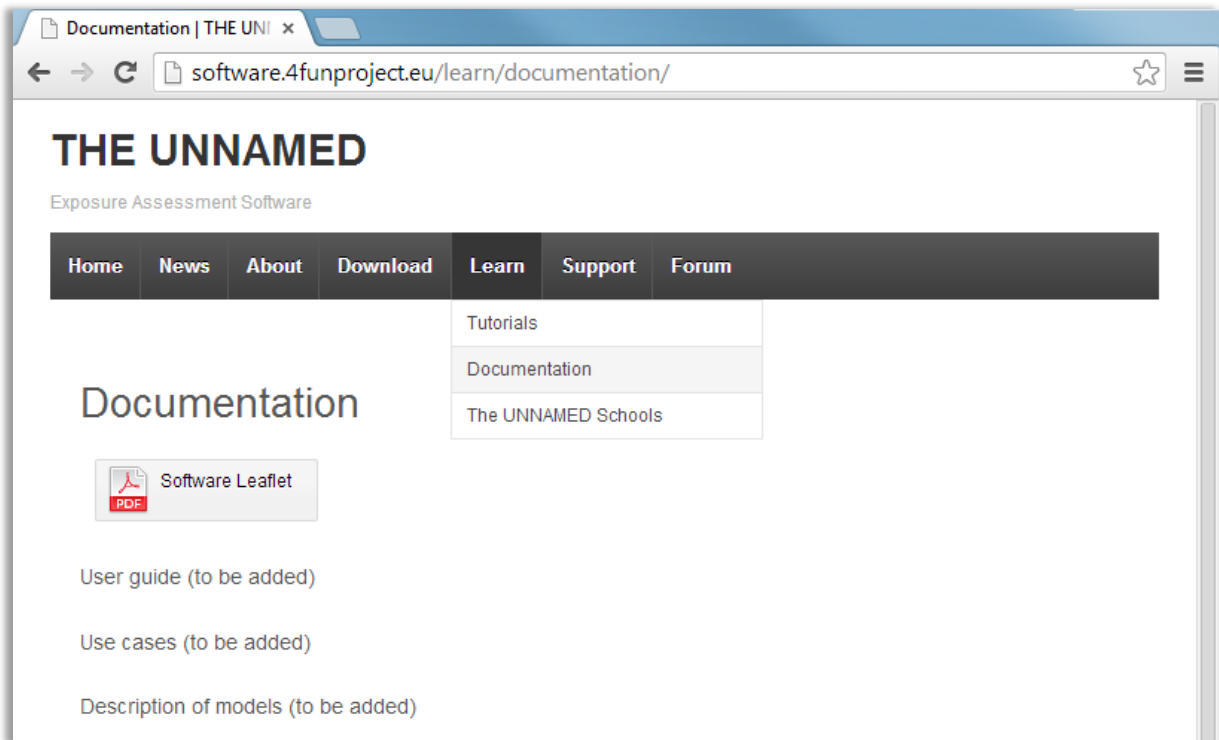


Figure 7 - Documentation

2.6 Support

2.6.1 FAQ

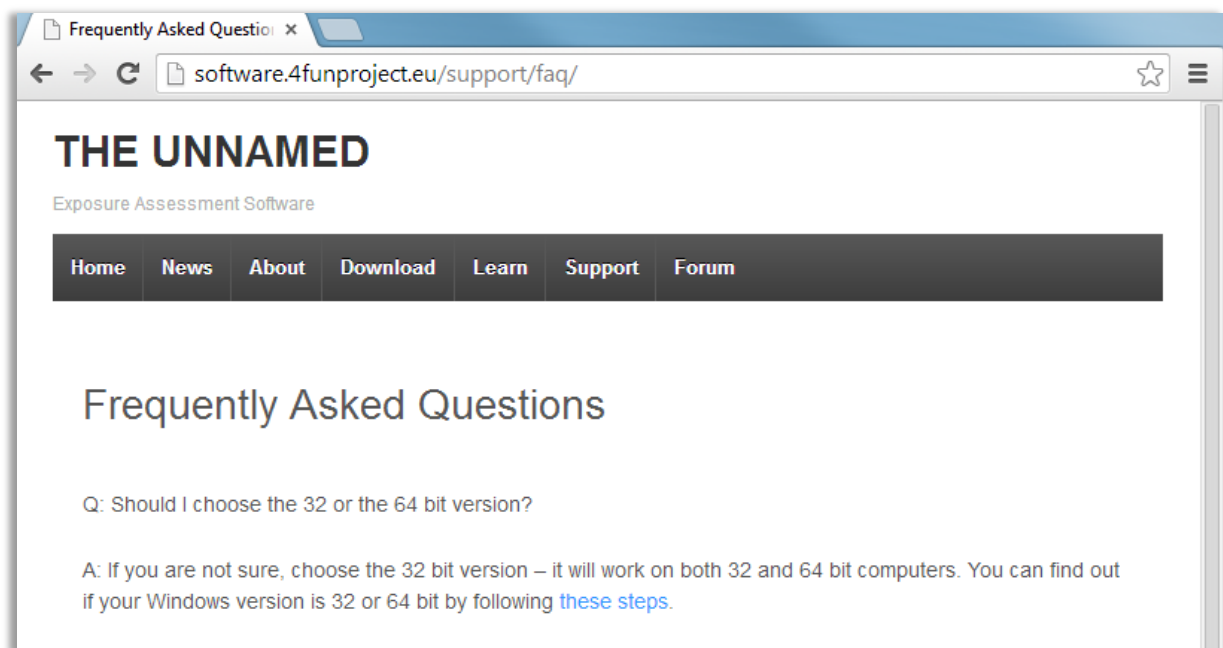
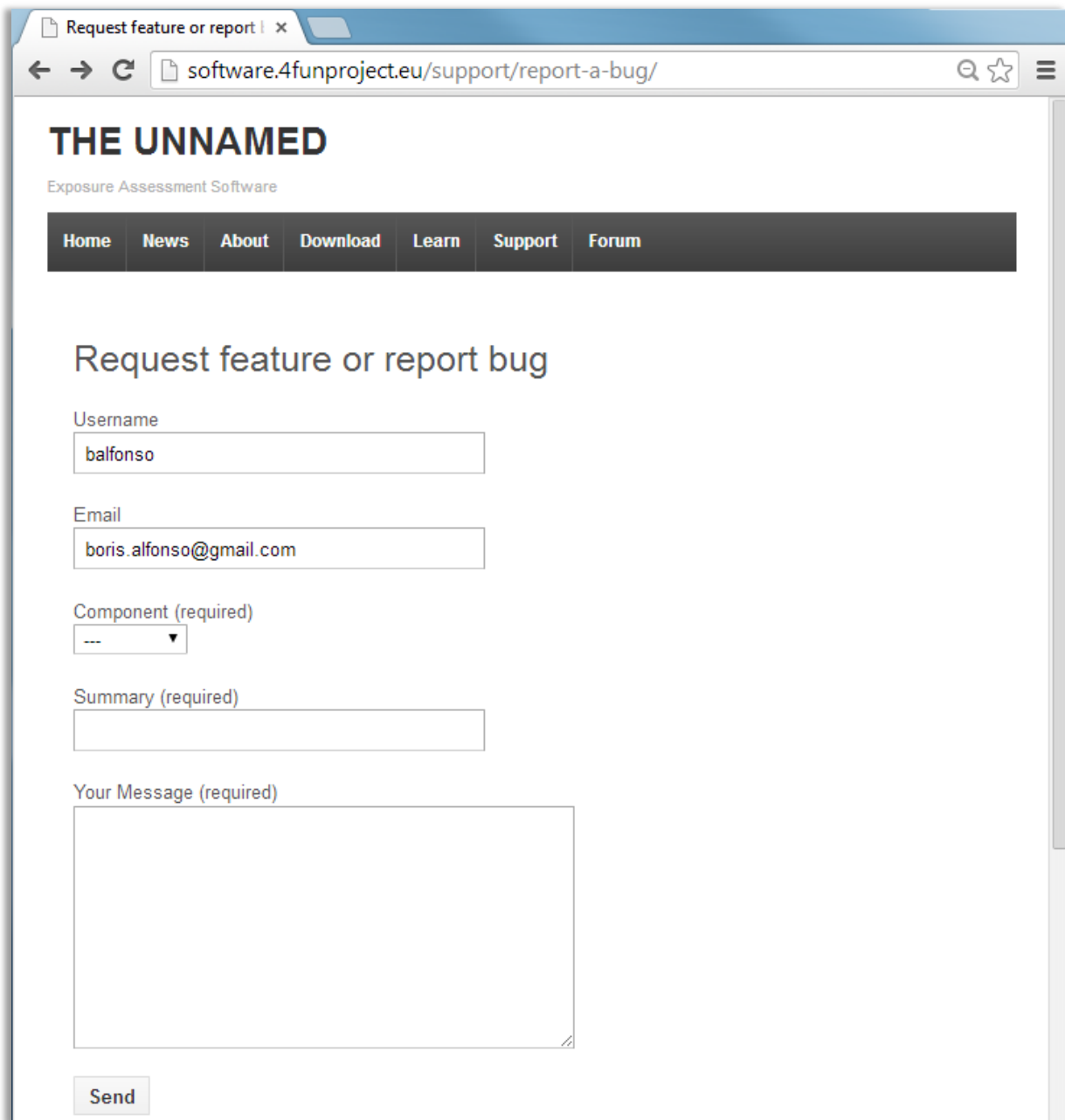


Figure 8 - Frequently Asked Questions

2.6.2 Request feature or report bug

Notice that the users must be logged in to report bugs or request enhancements. The bug-reporting form is connected to Facilia's bugtracker system allowing tracking all requests by the software developers.



The screenshot shows a web browser window with the address bar displaying 'software.4funproject.eu/support/report-a-bug/'. The page title is 'Request feature or report bug'. The website header includes the logo 'THE UNNAMED' and the tagline 'Exposure Assessment Software'. A navigation menu contains links for Home, News, About, Download, Learn, Support, and Forum. The form itself consists of several input fields: a 'Username' field with the value 'balfonso', an 'Email' field with the value 'boris.alfonso@gmail.com', a 'Component (required)' dropdown menu showing '---', a 'Summary (required)' text area, and a 'Your Message (required)' text area. A 'Send' button is located at the bottom of the form.

Request feature or report bug

Username
balfonso

Email
boris.alfonso@gmail.com

Component (required)

Summary (required)

Your Message (required)

Send

Figure 9 - Contact form for requesting and bug reporting

2.6.3 Contact us form

The screenshot shows a web browser window with the address bar displaying 'software.4funproject.eu/support/contact-us/'. The page title is 'Contact us | THE UNNAMED'. The website header includes the logo 'THE UNNAMED' and the tagline 'Exposure Assessment Software'. A navigation menu contains links for Home, News, About, Download, Learn, Support, and Forum. A dropdown menu under 'Support' lists 'Frequently Asked Questions', 'Request feature or report bug', and 'Contact us'. The main content area is titled 'Contact us' and contains a form with the following fields: 'Your Name' (filled with 'balfonso'), 'Your Email' (filled with 'boris.alfonso@gmail.com'), 'Subject' (empty), and 'Your Message' (a large text area). Below the message field is a 'Security Check' section with a CAPTCHA image showing the code '9 D 9 6' and a text input field for the user to enter the code. A 'Send' button is located at the bottom of the form.

Contact us | THE UNNAMED x

software.4funproject.eu/support/contact-us/

THE UNNAMED
Exposure Assessment Software

Home News About Download Learn Support Forum

Frequently Asked Questions
Request feature or report bug
Contact us

Contact us

Please, fill in all fields below.

Your Name
balfonso

Your Email
boris.alfonso@gmail.com

Subject

Your Message

Security Check

9 D 9 6

Enter the code above

Send

Figure 10 - Contact us form

2.7 Community Forum

The Forum is a restricted area for registered users only.

THE UNNAMED
Exposure Assessment Software

Home News About Download Learn Support Forum

THE UNNAMED Community Forum

[Unsubscribe](#)

This forum contains 0 topics, and was last updated by admin No Topics.

Oh bother! No topics were found here!

Create New Topic in "THE UNNAMED Community Forum"

Topic Title (Maximum Length: 80):

b *i* [link](#) **b-quote** ~~del~~

ul

ol
- li
`code` close tags

Topic Tags:

☐ Notify me of follow-up replies via email

Submit

Figure 11 - Forum

3 Technology

3.1 WordPress

The 4FUN software web platform is built on WordPress, a free and open source platform that includes a full content management system. Through a plug-in architecture, WordPress allows adding new functionality to a WordPress website without changing the core installation. WordPress has a database of over 28 000 plugins supported by a community of developers.

3.2 WordPress Theme

A WordPress Theme defines the way the website is displayed for the end users. To create a consistent user experience across a wide range of devices (smartphones, tablets, and desktops), the **Responsive Theme** from CiberChimps was selected. This theme efficiently adapts the website layout to the viewing environment which can vary from mobile devices to different desktop monitors.

3.3 Customization

WordPress Plugins allow easy modification, customization, and enhancement to a WordPress website. The following plugins has been installed and customized for the 4FUN software platform

- bbPress, discussion forum
- Contact Form 7, simple and flexible form creator
- Custom sidebars, user defined sidebars for different pages
- Download Manager, management and tracking of file downloading
- Math Captcha, effective anti-spam security check
- Page Restrict, user restricted area plugin
- WP-Mail-SMTP, mailer plugin
- W3 Total Cache, speed performance plugin

3.4 Web server

The web solution is installed on a dedicated Windows Server 2008 R2 with following components:

- IIS 7
- MySQL 5.5
- PHP 5.4
- Media Services

Facilia is responsible for the monitoring and backup maintaining.

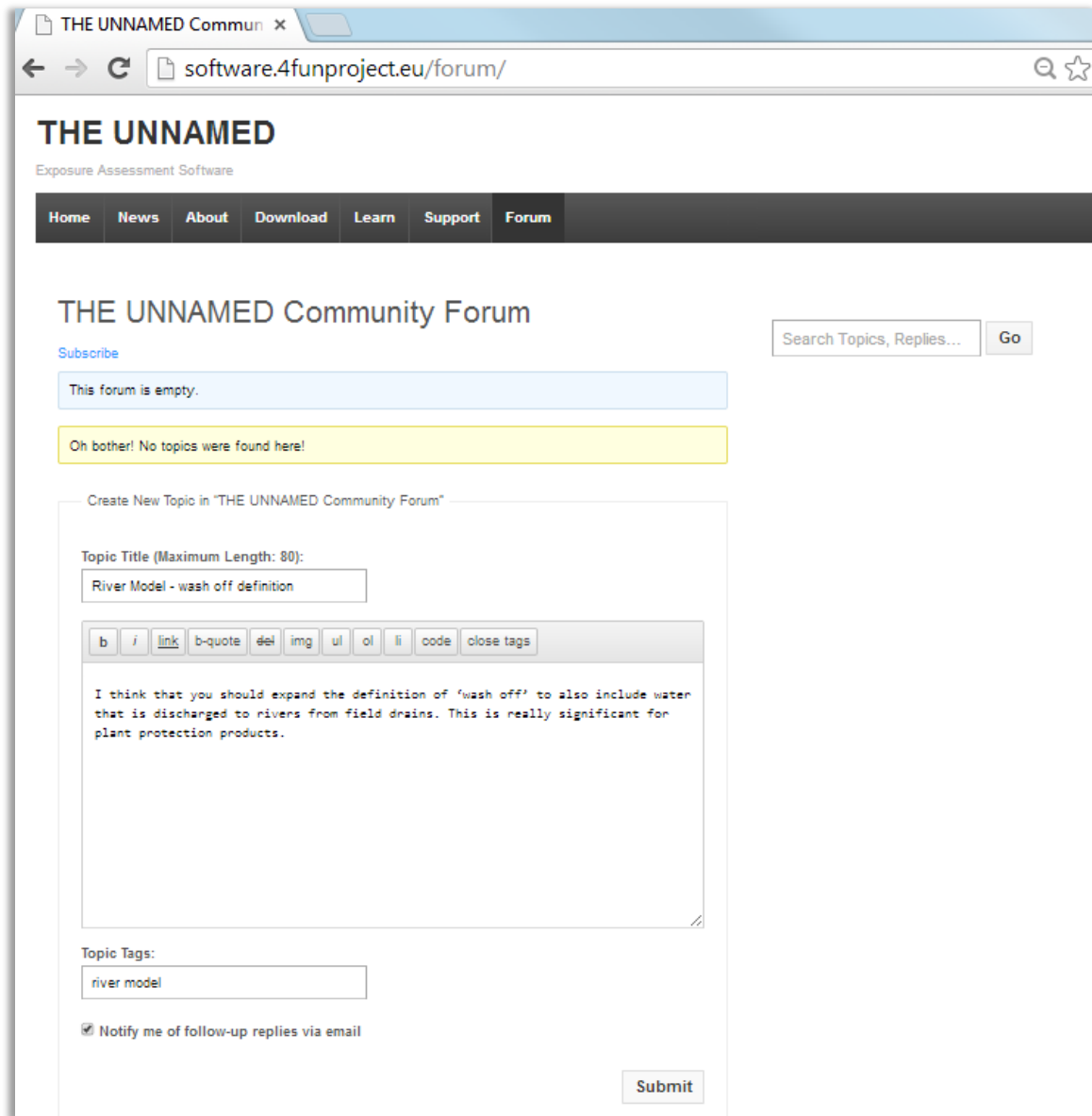
4 Appendices

4.1 Appendix A: Getting starting with the Forum

4.1.1.1 Adding a Topic

Topics are the issues that are being discussed on the forum.

To add a Topic navigate to the Forum page and log in.



The screenshot shows a web browser window with the address bar displaying 'software.4funproject.eu/forum/'. The page title is 'THE UNNAMED' with the subtitle 'Exposure Assessment Software'. A navigation bar contains links: Home, News, About, Download, Learn, Support, and Forum. The main heading is 'THE UNNAMED Community Forum'. Below this, there is a 'Subscribe' link and a search bar with the placeholder 'Search Topics, Replies...' and a 'Go' button. A light blue box states 'This forum is empty.' and a yellow box states 'Oh bother! No topics were found here!'. The 'Create New Topic in "THE UNNAMED Community Forum"' section includes a 'Topic Title (Maximum Length: 80):' field with the text 'River Model - wash off definition'. Below the title is a rich text editor with a toolbar containing buttons for bold, italic, link, b-quote, del, img, ul, ol, li, code, and close tags. The text area contains the message: 'I think that you should expand the definition of 'wash off' to also include water that is discharged to rivers from field drains. This is really significant for plant protection products.' Below the text area is a 'Topic Tags:' field with the text 'river model'. There is a checkbox labeled 'Notify me of follow-up replies via email' which is checked. A 'Submit' button is located at the bottom right of the form.

Figure 12 - New topic

1. Start by giving your Topic a name and add some content to it.
2. You can add tags for organizing your Topics, and you can also select to subscribe to replies via email.
3. Click on Submit to post your Topic

Once you post the Topic it will appear on the Forum.

The screenshot shows a web browser window with the address bar displaying 'software.4funproject.eu/forum/'. The page title is 'THE UNNAMED' with the subtitle 'Exposure Assessment Software'. A navigation bar includes links for Home, News, About, Download, Learn, Support, and Forum. The main heading is 'THE UNNAMED Community Forum'. Below this, there is a 'Subscribe' link and a search bar with the placeholder text 'Search Topics, Replies...' and a 'Go' button. A status box indicates 'This forum contains 1 topic, and was last updated by 37 seconds ago.' Below this, a red dashed box highlights a table with the following data:

Topic	Voices	Posts	Freshness
River Model – wash off definition	1	1	36 seconds ago

Below the table, there is a 'Started by' field and a 'Viewing topic 1 (of 1 total)' message. At the bottom, there is a text input field with the placeholder 'Create New Topic in "THE UNNAMED Community Forum"'.

Figure 13 - Topics

4.1.1.2 Adding a Reply

Replies are made to topics, this is the actual discussion.

To reply a Topic, navigate to the Forum and click on the Topic you wish to reply to.

Add your reply to the text box in the “Reply to:” area. You can also choose to be notified of follow-up replies via email.

The screenshot shows a web browser window with the address bar displaying `software.4funproject.eu/forums/topic/river-model-wash-off-definition`. The forum topic is titled "River Model – wash off definition" and is tagged with "river model". A status bar indicates "This topic contains 0 replies, has 1 voice, and was last updated by balfonso 9 seconds ago." Below this, a post by a user named "Participant" is shown, dated January 15, 2014 at 5:40 pm. The post content is: "I think that you should expand the definition of 'wash off' to also include water that is discharged to rivers from field drains. This is really significant for plant protection products." Below the post, there is a "Reply To: River Model – wash off definition" section. This section contains a rich text editor with a toolbar (bold, italic, link, b-quote, del, img, ul, ol, li, code, close tags) and a text area containing the following text: "Wash-off is now defined in Section as (in agreement with definition given in the Soil model): 'Contaminant originating from wash-off (runoff and erosion) of pollutant present on surface soil of the river watershed. Pollutant "wash-off" designates the transport of contaminants in water flowing over the soil surface and finally reaching freshwater systems. It includes runoff of dissolved contaminants and erosion of contaminated soil particles. Wash-off from watersheds can be a significant secondary input into freshwaters because these latter collect water and particle fluxes from potentially wide areas, especially during rainfall." Below the text area, there is a "Tags:" field with the value "river model" and a checkbox labeled "Notify me of follow-up replies via email". A "Submit" button is located at the bottom right of the reply form.

Figure 14 - Replying

When the reply is submitted, the participants will see that it's been added to the Topic page.

The screenshot shows a web browser window with the address bar displaying `software.4funproject.eu/forums/topic/river-model-wash-off-definition`. The page title is "Topic: River Model – wash". The forum header includes the text "THE UNNAMED" and "Exposure Assessment Software". A navigation bar contains links: Home, News, About, Download, Learn, Support, and Forum.

River Model – wash off definition

Tagged: [river model](#)

This topic contains 1 reply, has 1 voice, and was last updated by [balfonso](#) 2 seconds ago.

Viewing 2 posts - 1 through 2 (of 2 total)

Author	Posts	Favorite Unsubscribe
January 15, 2014 at 5:40 pm		REPLY #382
Participant	I think that you should expand the definition of 'wash off' to also include water that is discharged to rivers from field drains. This is really significant for plant protection products.	
January 15, 2014 at 5:48 pm		EDIT REPLY #383
Participant	<p>Wash-off is now defined in Section as (in agreement with definition given in the Soil model):</p> <p>'Contaminant originating from wash-off (runoff and erosion) of pollutant present on surface soil of the river watershed. Pollutant "wash-off" designates the transport of contaminants in water flowing over the soil surface and finally reaching freshwater systems. It includes runoff of dissolved contaminants and erosion of contaminated soil particles. Wash-off from watersheds can be a significant secondary input into freshwaters because these latter collect water and particle fluxes from potentially wide areas, especially during rainfall'</p>	

Figure 15 - Discussion