



# 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: 1<sup>st</sup> October 2012

Duration: 36 months

<b>Coordinator</b>	AEIFORIA
<b>Deliverable Leading Partner</b>	Facilia
<b>Contributing Partners</b>	AEIFORIA
<b>Task</b>	Task 6.1: Development of project website and a web-based platform
<b>Revision</b>	

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)	

## Table of Contents

---

Table of Contents .....	2
1 Introduction.....	4
1.1 Purpose of this report .....	4
2 Website Structure .....	5
2.1 Sitemap .....	5
2.2 Home - Start Page.....	6
2.3 News .....	8
2.4 Download .....	9
2.5 Learn.....	10
2.5.1 Tutorials .....	10
2.5.2 Documentation .....	11
2.6 Support.....	12
2.6.1 FAQ .....	12
2.6.2 Request feature or report bug .....	13
2.6.3 Contact us form.....	14
2.7 Community Forum .....	15
3 Technology.....	16
3.1 WordPress .....	16
3.2 WordPress Theme .....	16
3.3 Customization.....	16
3.4 Web server .....	16
4 Appendices.....	17
4.1 Appendix A: Getting starting with the Forum.....	17

## List of figures and Tables

---

Figure 1 - Start page .....	6
Figure 2 – Home page on mobile device .....	7
Figure 3 - News .....	8
Figure 4 - Social media buttons to share the website content .....	8
Figure 5 - Download .....	9
Figure 6 - Tutorials .....	10
Figure 7 - Documentation .....	11
Figure 8 - Frequently Asked Questions .....	12
Figure 9 - Contact form for requesting and bug reporting .....	13
Figure 10 - Contact us form .....	14
Figure 11 - Forum.....	15
Figure 12 - New topic .....	17
Figure 13 - Topics .....	18
Figure 14 - Replying .....	19
Figure 15 - Discussion.....	20

**No table of figures entries found.**

## 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

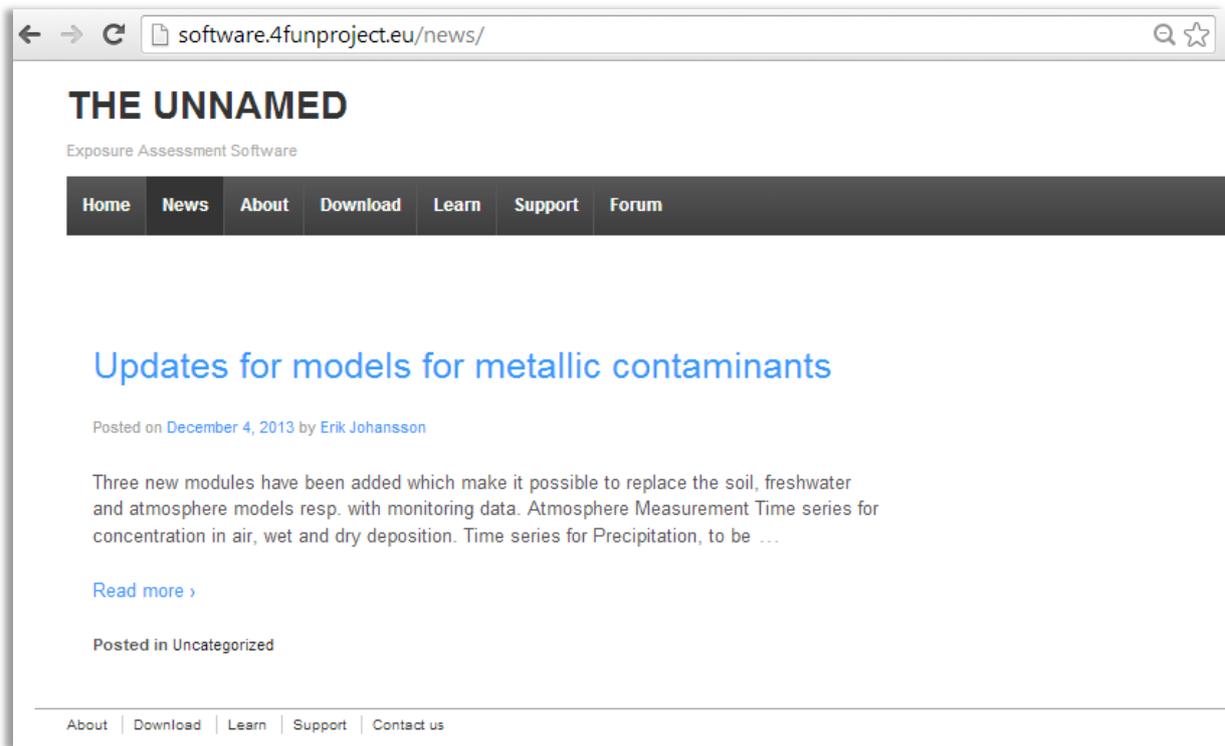


Figure 3 - News

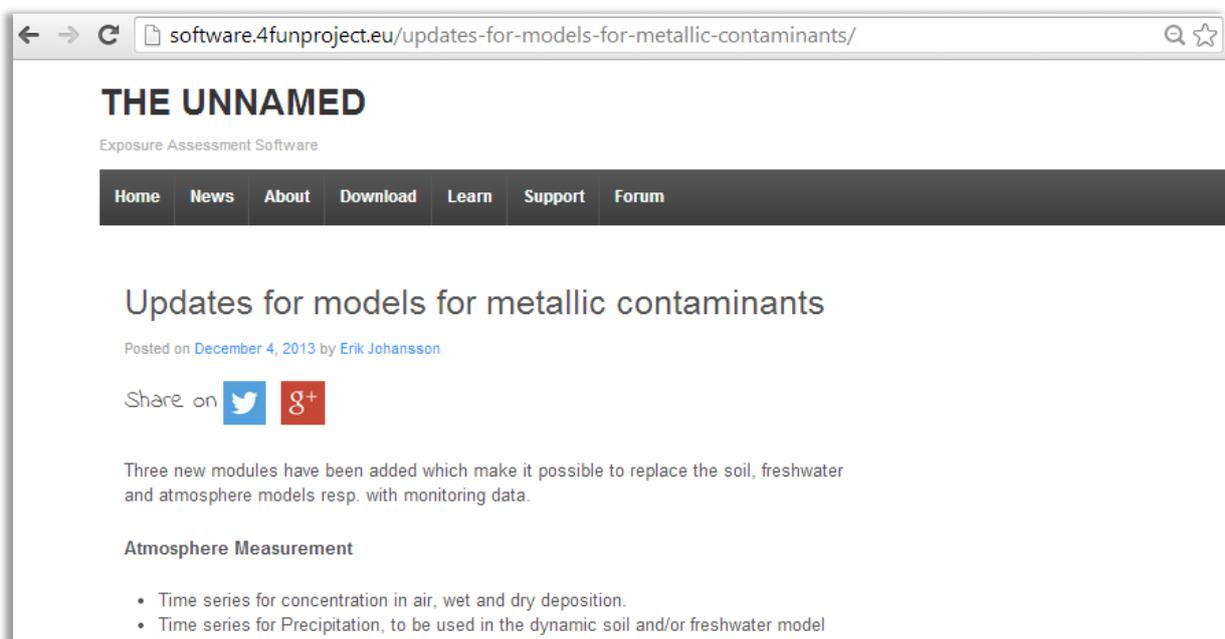


Figure 4 - Social media buttons to share the website content

## 2.4 Download

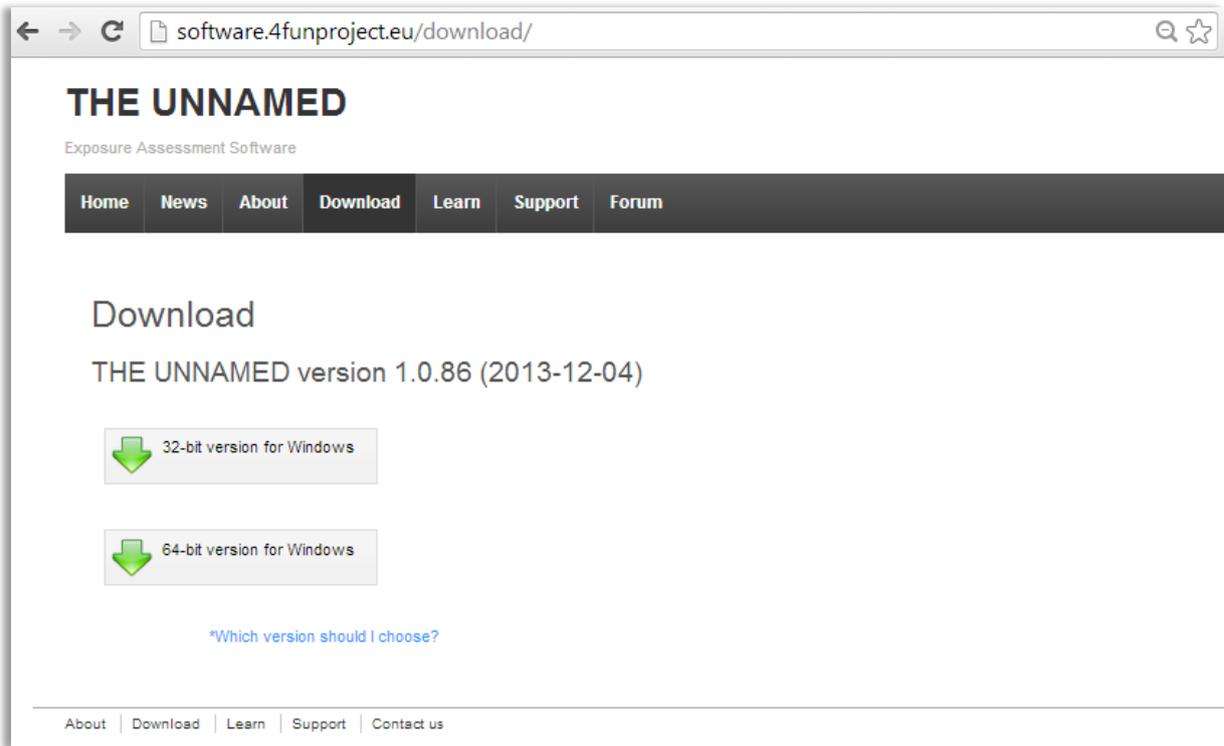
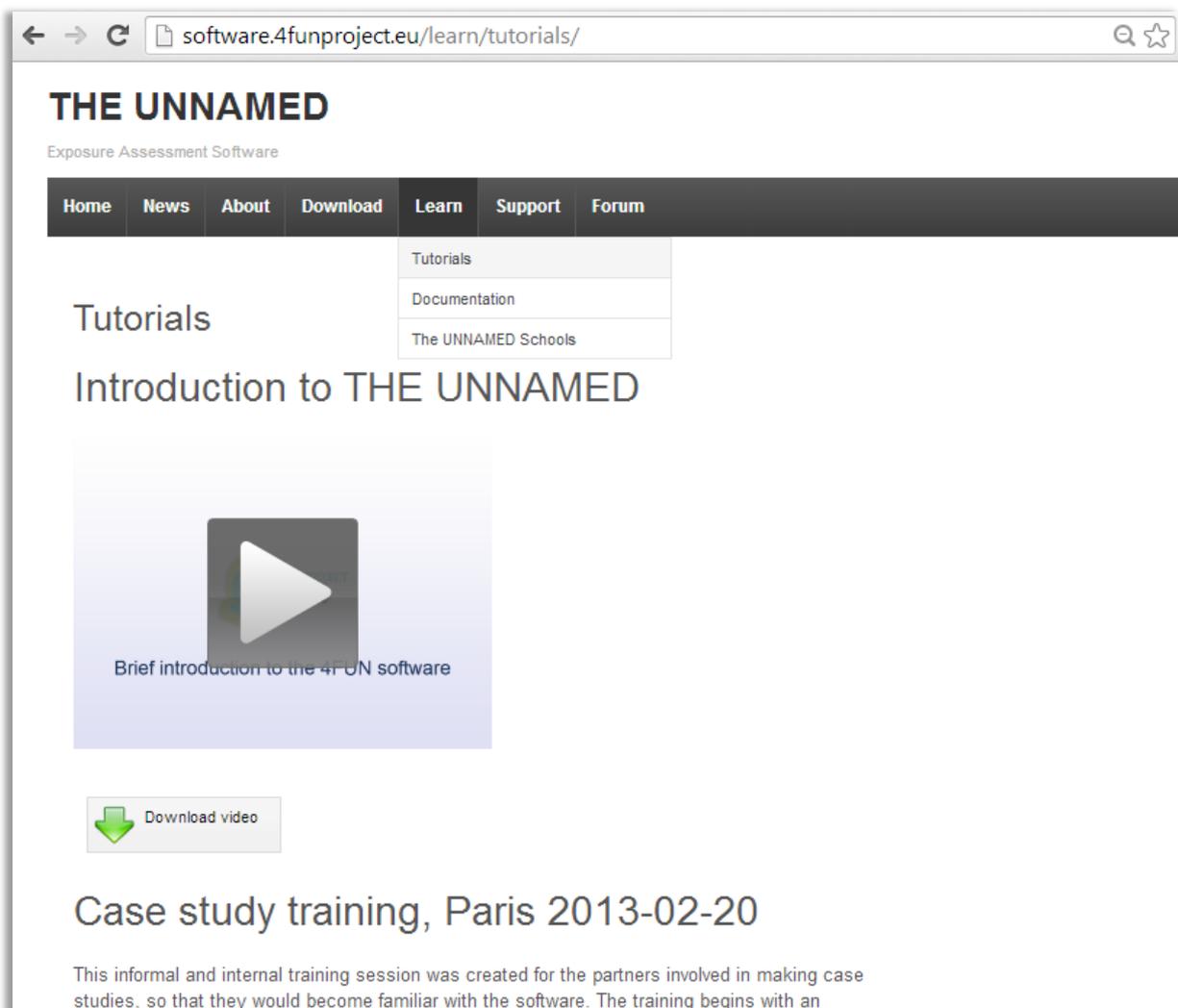


Figure 5 - Download

## 2.5 Learn

### 2.5.1 Tutorials



← → ↻ software.4funproject.eu/learn/tutorials/ 🔍 ☆

# THE UNNAMED

Exposure Assessment Software

- Home
- News
- About
- Download
- Learn**
- Support
- Forum

- Tutorials
- Documentation
- The UNNAMED Schools

## Tutorials

### Introduction to THE UNNAMED

Brief introduction to the 4FUN software

Download video

### Case study training, Paris 2013-02-20

This informal and internal training session was created for the partners involved in making case studies, so that they would become familiar with the software. The training begins with an

Figure 6 - Tutorials

## 2.5.2 Documentation

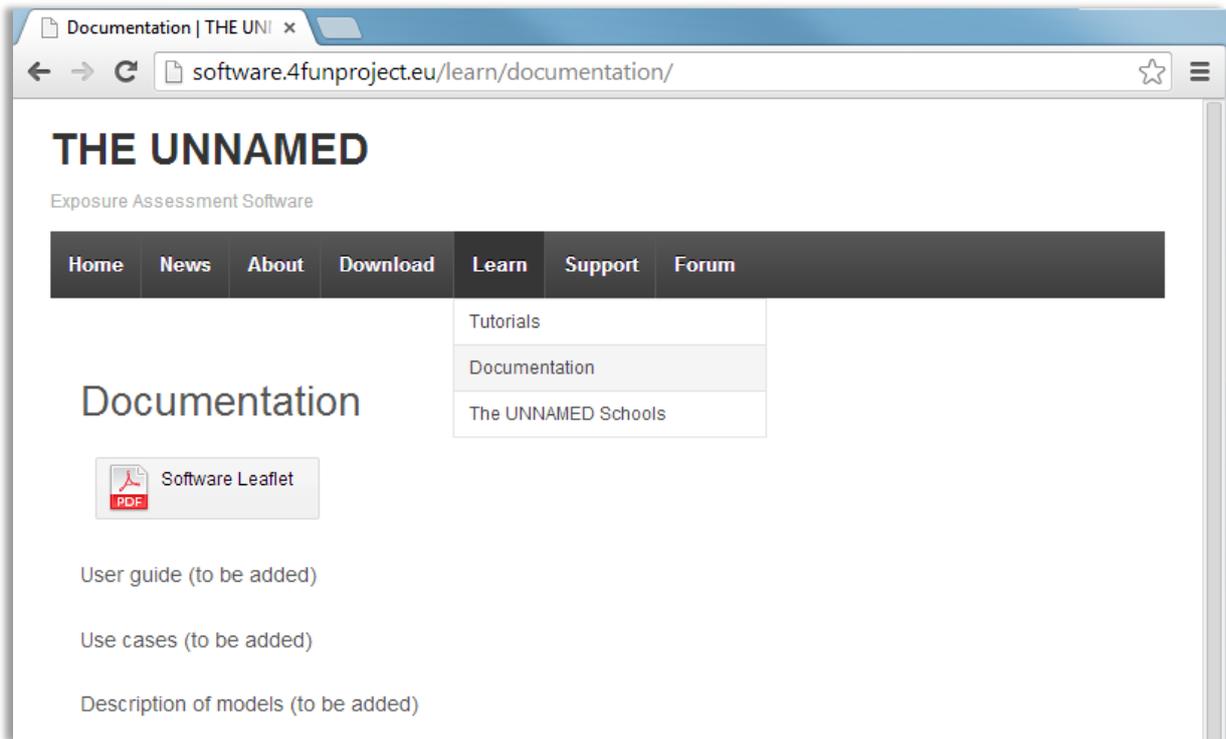


Figure 7 - Documentation

## 2.6 Support

### 2.6.1 FAQ

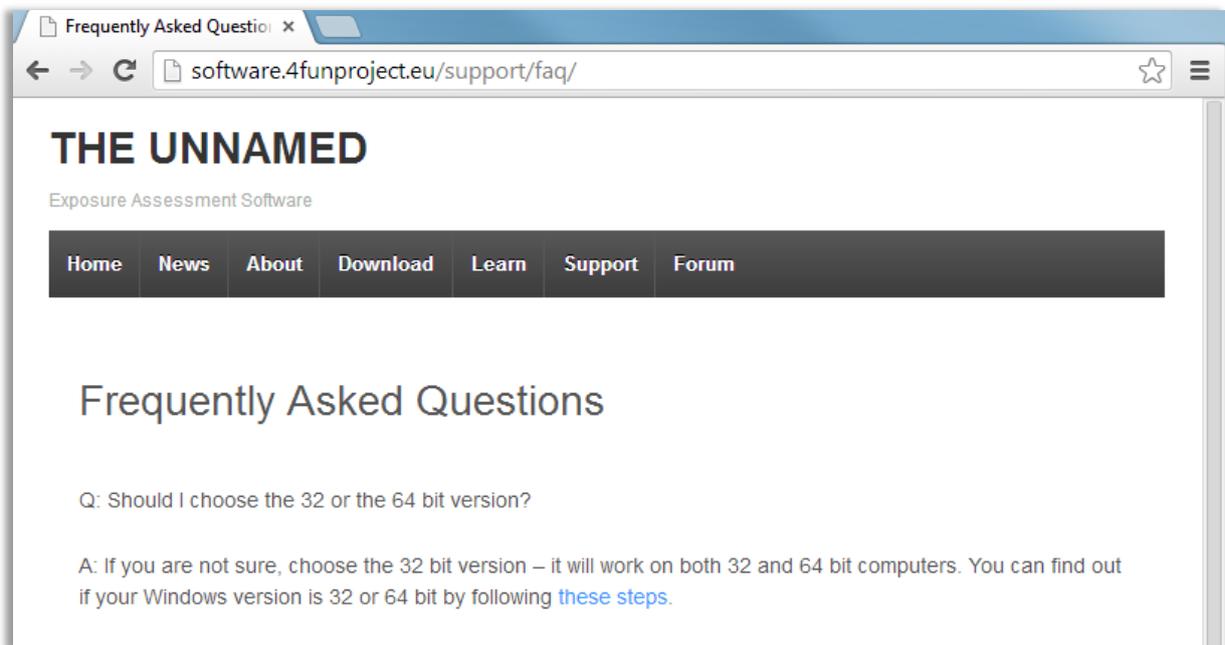


Figure 8 - Frequently Asked Questions

### 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.

Request feature or report | x

software.4funproject.eu/support/report-a-bug/

# THE UNNAMED

Exposure Assessment Software

Home News About Download Learn Support Forum

## 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

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

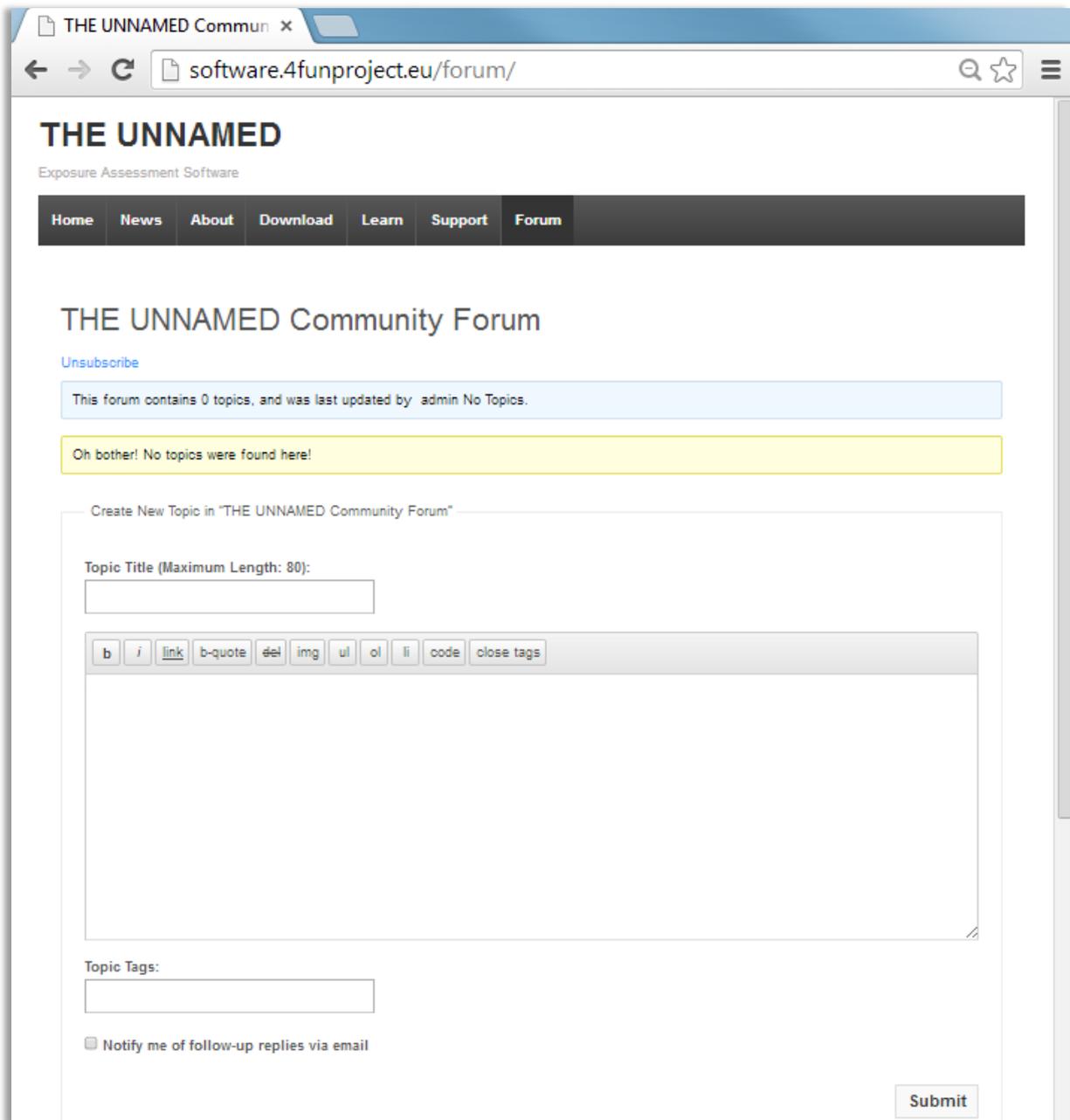
Enter the code above

Send

Figure 10 - Contact us form

## 2.7 Community Forum

The Forum is a restricted area for registered users only.



The 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 menu includes "Home", "News", "About", "Download", "Learn", "Support", and "Forum". The main heading is "THE UNNAMED Community Forum". Below this, there is an "Unsubscribe" link and a light blue box stating "This forum contains 0 topics, and was last updated by admin No Topics." A yellow box below that says "Oh bother! No topics were found here!". The main content area is titled "Create New Topic in 'THE UNNAMED Community Forum'" and contains a form with the following elements:

- Topic Title (Maximum Length: 80):** A text input field.
- Rich Text Editor:** A toolbar with buttons for bold (b), italic (i), link, b-quote, del, img, ul, ol, li, code, and close tags, followed by a large text area.
- Topic Tags:** A text input field.
- Notify me of follow-up replies via email**
- Submit** button

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.

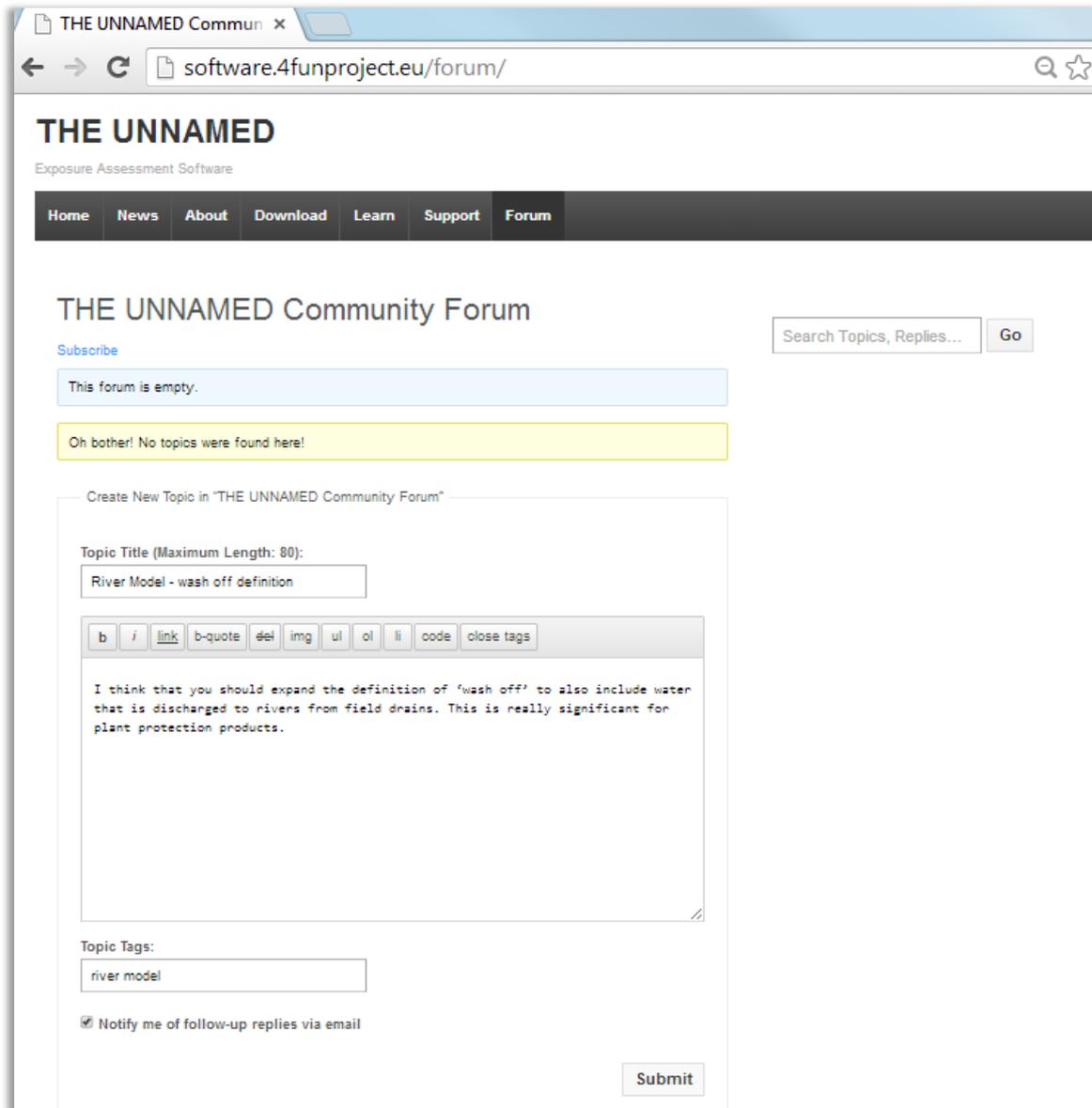
## 4 Appendices

### 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' and the subtitle is 'Exposure Assessment Software'. A navigation menu includes 'Home', 'News', 'About', 'Download', 'Learn', 'Support', and 'Forum'. The main heading is 'THE UNNAMED Community Forum'. There is a search bar with the text 'Search Topics, Replies...' and a 'Go' button. Below the search bar, there are two messages: 'This forum is empty.' and 'Oh bother! No topics were found here!'. The main content area is titled 'Create New Topic in "THE UNNAMED Community Forum"'. It contains a 'Topic Title (Maximum Length: 80):' field with the text 'River Model - wash off definition'. Below the title field 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 text: '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.

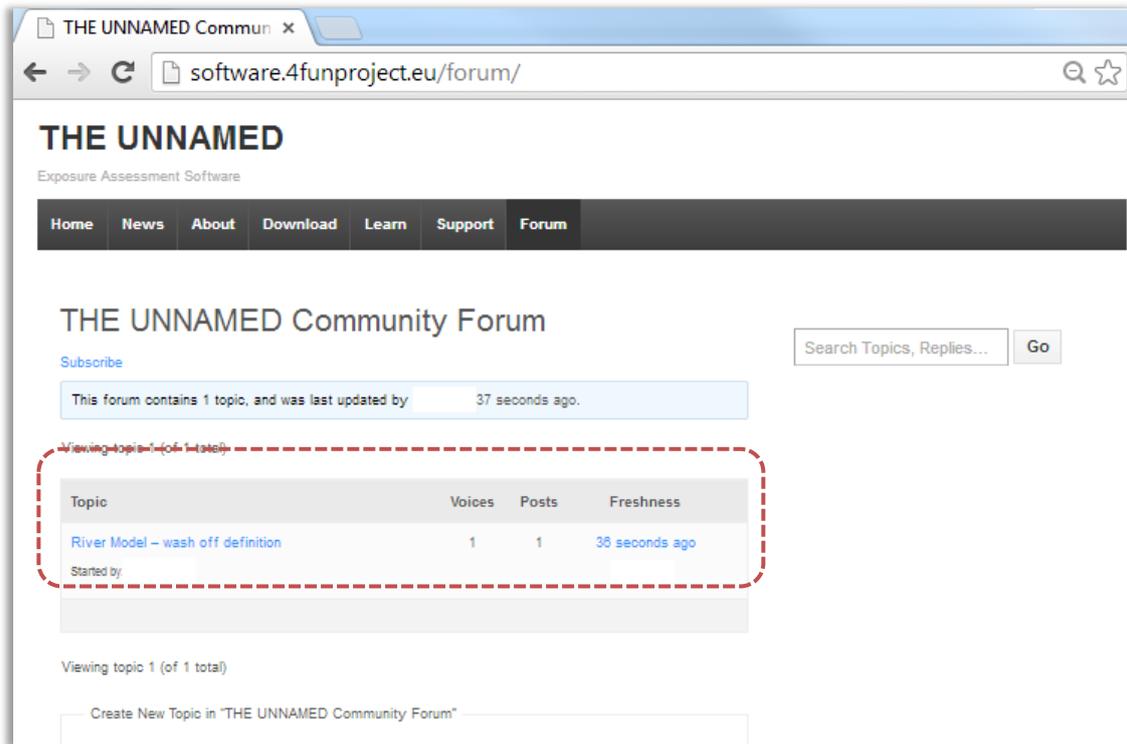


Figure 13 - Topics

### 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.

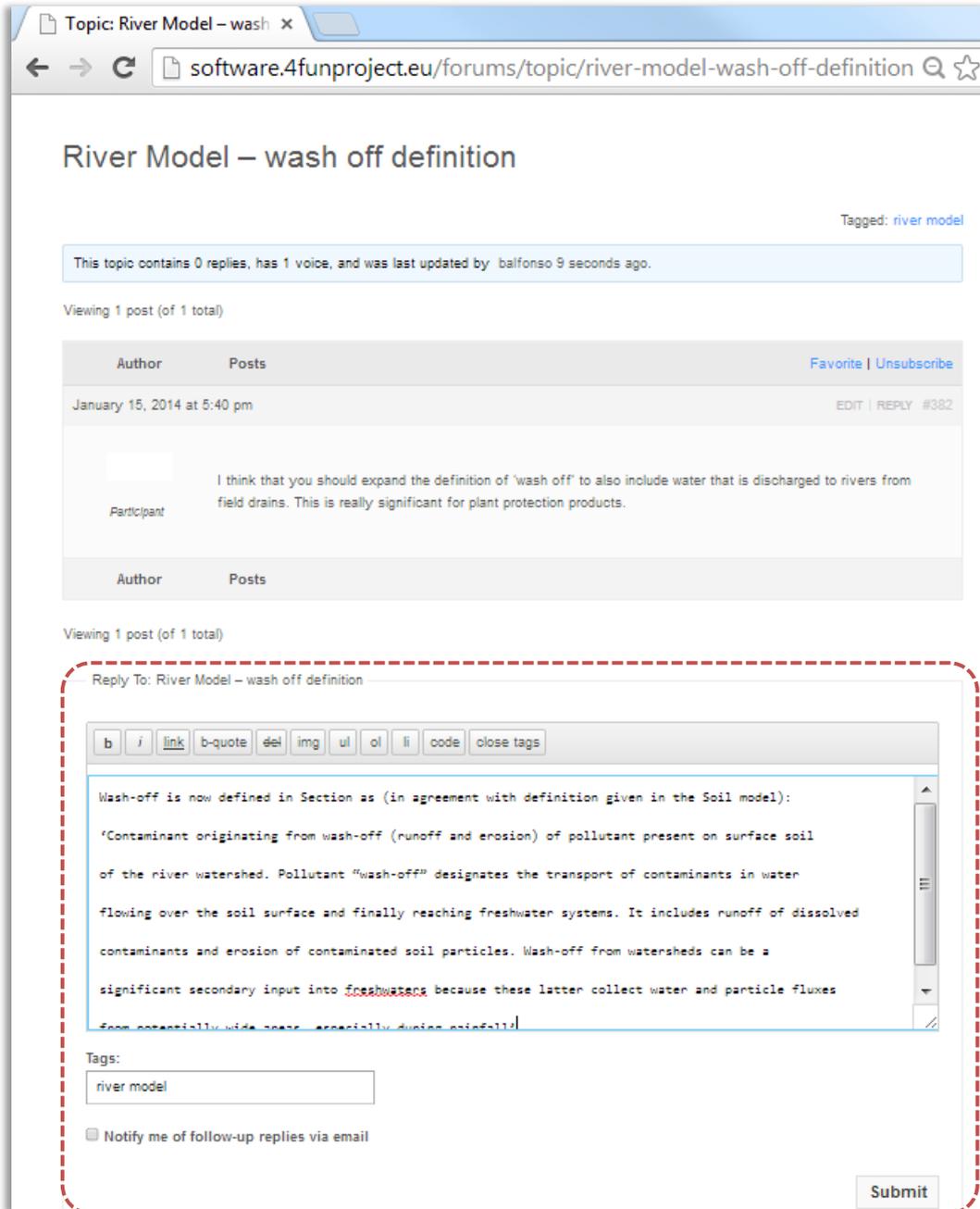


Figure 14 - Replying

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

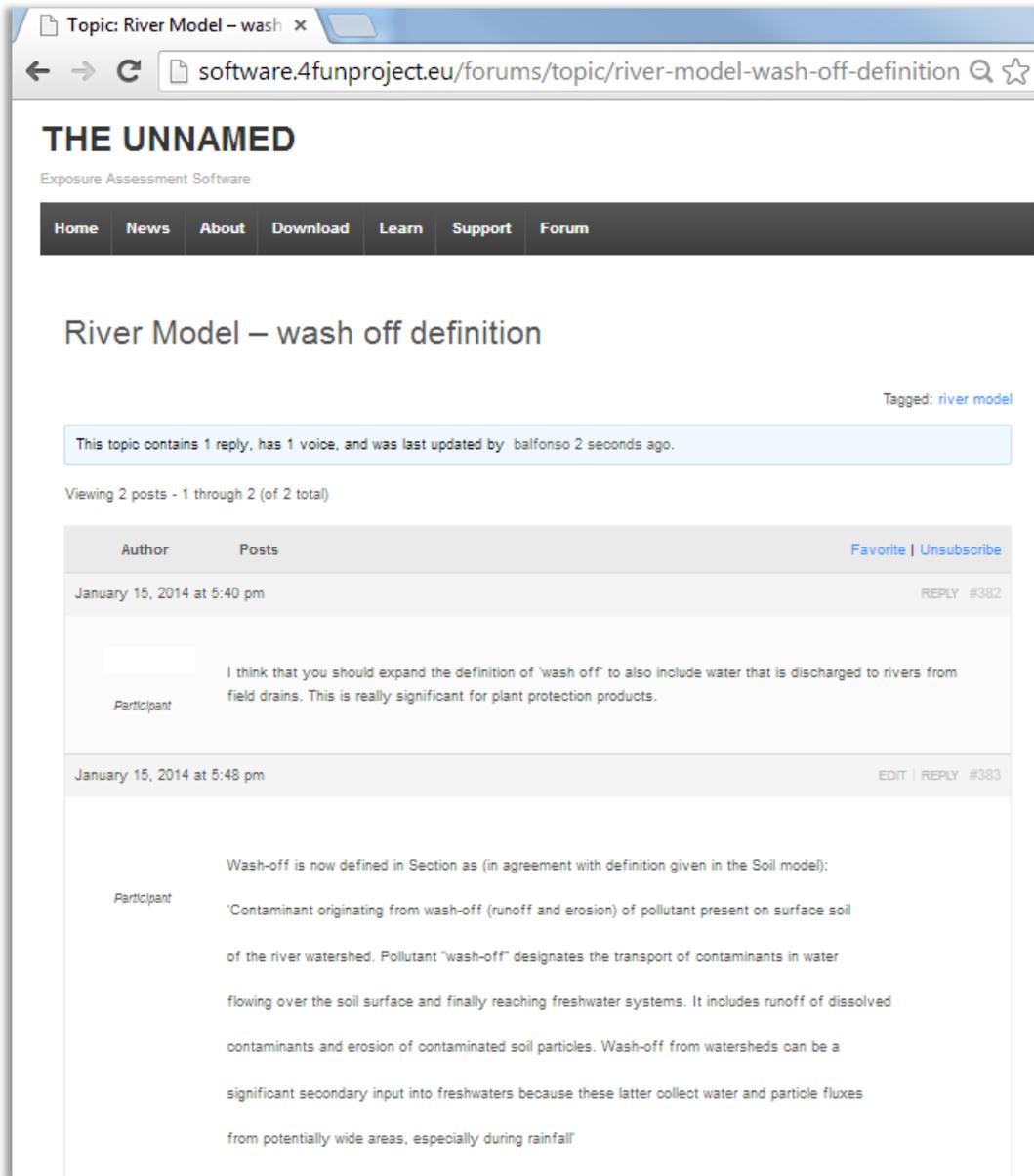


Figure 15 - Discussion