



# Deliverable 1.3

## Provision of online wiki-interface

**Project acronym:** *AFFECTS*  
**Project title:** *Advanced Forecast For Ensuring Communications Through Space*  
**Grant Agreement number:** *263506*  
**Coordinator:** *Volker Bothmer*

*Project co-funded by the European Commission,  
 Seventh Framework Programme*

**Funding Scheme:** *FP7-SPACE-2010-1*

<b>Due date of deliverable:</b>	August 31, 2011
<b>Actual submission date:</b>	December 21, 2011
<b>Start date of the project:</b>	March 1, 2011
<b>Project duration:</b>	3 years

<b>Work package:</b>	1 "Management"
<b>Task(s):</b>	1.3
<b>Lead beneficiary for this deliverable:</b>	UGOE
<b>Editor:</b>	Volker Bothmer
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Project co-funded by the European Commission within the Seventh Framework Programme (2007)		
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## Issue record

Version	Date	Author(s)	Reason for modification	Status
1.0	21/12/2011	M. Zetzl, D. Dannemann		
1.1	24/01/2012	M. Zetzl, D. Dannemann		
1.2	15/02/2012	V. Bothmer		

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## 1. Introduction

The AFFECTS website <http://www.affects-fp7.eu> and incorporated Wiki engine is the project's prime interface to inform the project partners and the public about the project goals, achievements, activities and dissemination products. It also interfaces the specific project related websites of the partner institutions through which institute specific space weather products can be accessed.

In order to establish the project website and Wiki, the following worksteps were undertaken:

1. Setup of a dedicated computer system connected to the address [www.affects-fp7.eu](http://www.affects-fp7.eu).
2. Installation and configuration of a dedicated operating system and required software.
3. Design of a website on top of this system with the required functionalities: an area for the public and an area only accessible for the project members to share documents and data. This "members only"-area is set up the document repository.

As next step, a project Wiki is linked to the project website. The project Wiki serves as an open access platform for exchange of information, for discussion purposes and for sharing information provided by the project partners. Only the project consortium members have the permissions to edit the Wiki documents.

The project's main administrator is Ms. Dörte Dannemann in collaboration with the project coordinator Dr. Volker Bothmer and the software system engineer Dr. Matthias Zetzl who was setting the system up as part-time AFFECTS project member.

## 2. Description of work

In order to establish the AFFECTS project website and Wiki, the following tasks were performed:

- At the GWDG (Gesellschaft für wissenschaftliche Datenverarbeitung Göttingen), the Georg-August-Universität Göttingen computing centre, a server to hold the website was ordered and set up.
- The server system was organised in a way in which the domain name service-address [www.affects-fp7.eu](http://www.affects-fp7.eu) is directing to this server.
- The e-mail address [webmaster@affects-fp7.eu](mailto:webmaster@affects-fp7.eu) is distributed by the mail server of the University's Institute for Astrophysics.
- On the server system [www.affects-fp7.eu](http://www.affects-fp7.eu), the latest version of the Linux distribution "openSUSE" was installed and configured.
- Several software packages were installed on this server, most notable the web server software "apache" and the database software "mysql".

- The web server software and the database software were configured for the specific needs of the website.
- The content management system (CMS) “typo 3” was installed at this site and connected to the database server.
- A free available website template was strongly modified for the project website design.
- A password protected area for “registered users only” was created on the website server.
- Several additional extensions for the typo3 System were installed, configured and tested to fulfil the required functionalities. E.g., eight different file exchange extensions were tested to find the most suitable ones for the AFFECTS needs.
- As outcome of the testing results, three extensions were incorporated and made accessible to the website user:
  - An extension to search the website.
  - One extension for registered users to help edit their profile information and to modify the password.
  - One extension to help upload, download, and organise files in order to share data amongst the project partners.

The search extension is accessible to all website users whereas the other two extensions are accessible for registered users only.
- The logos of the AFFECTS template package were used for the website’s corporate identity. For these purposes the file sizes of the logos were reduced to minimize the data traffic in order to speed up access of the website.
- Additionally, the document templates of the AFFECTS template package (deliverable 1.1) were made available to the project partners via the password protected area.
- An editor account for the CMS was created. The account is used for changing the content of the website by the website administrator without need of knowledge at system engineering levels.
- The project Wiki has been set up with the open source software mediawiki. A log-in to the AFFECTS website enables to edit the Wiki. There is no second log-in required.

### **3. Conclusions**

This deliverable report describes the creation of the website [www.affects-fp7.eu](http://www.affects-fp7.eu). The AFFECTS website <http://www.affects-fp7.eu> and incorporated Wiki engine is the project's prime interface to inform the project partners and the public about the project goals, achievements, activities and dissemination products. It also interfaces the specific project related websites of the partner institutions through which institute specific space weather products can be accessed.

The installed CMS and project Wiki allow to update and to change the content of the website in an elegant manner. Through the password-protected area the project members can inform the public about the project progress and latest achievements and share project documents through a repository. Both, website and wiki, are updated by the website administrator on a regular basis under supervision by the project coordinator.

## 4. Appendix

Figure 1: Starting page of the website



Figure 2: Login page

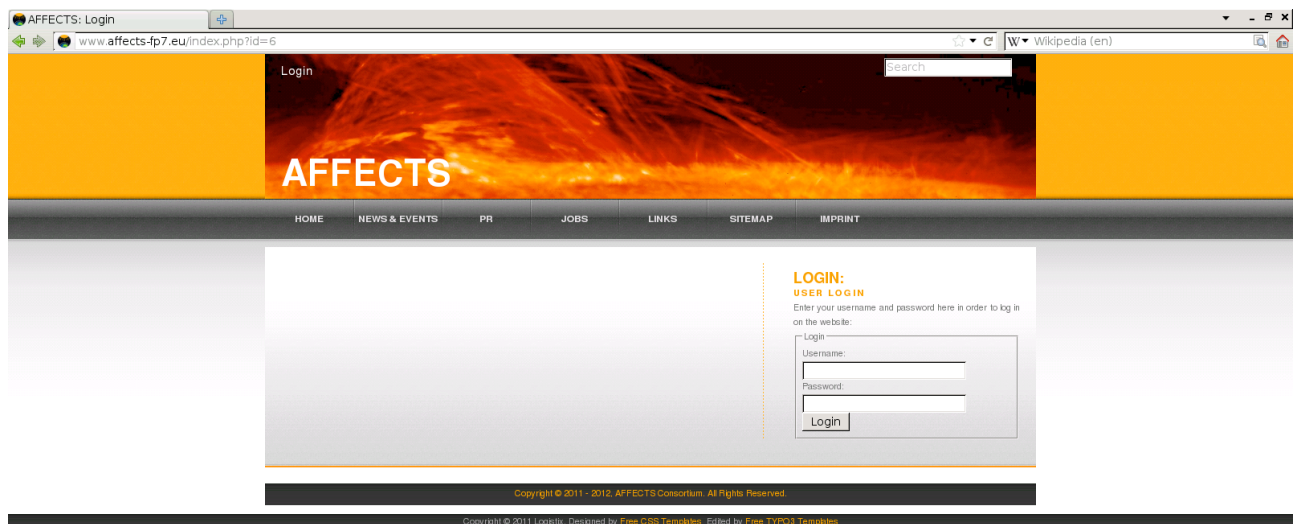
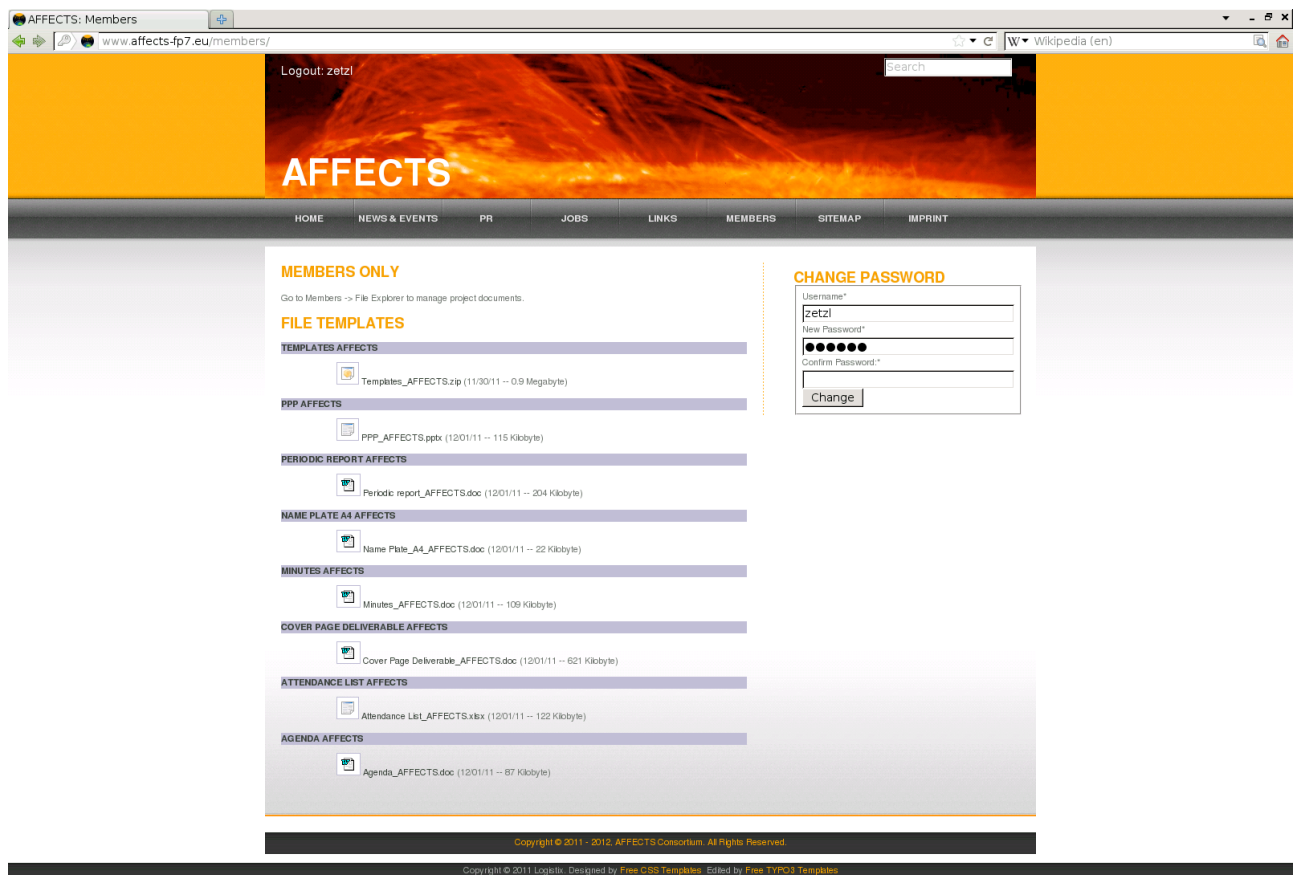


Figure 3: Members only area



## 5. Bibliography

Information on how to apply for a server system at the GWDG can be found at:

<http://sharepoint3.top.gwdg.de/gwdg/VServer/default.aspx>

The official Typo3 sites for software download and documentation are:

<http://typo3.org/>

<http://bugs.typo3.org/>

<http://wiki.typo3.org/>

<https://svn.typo3.org/>

Relevant internet addresses for Mailing Lists, Forums and other resources with helpful information, tutorials and documentations about Typo3:

<http://blog.undkonsorten.com/>

<http://forge.typo3.org/>

<http://jweiland.net/typo3/>

<http://lists.typo3.org/cgi-bin/mailman/listinfo>

<http://old.nabble.com/TYPO3-f15537.html>

<http://t3n.de/>

<http://typo3.toaster-schwerin.de/>

<http://typo3blogger.de/>

<http://typo3forum.hosting-agency.de/>

<http://www.advitum.de/>

<http://www.cms-typo3.ch/>

<http://www.datamints.com/>

<http://www.jochen-froehlich.de/typo3-tutorial/>

<http://www.kay-strobach.de/>

<http://www.mittwald.de/typo3-dokumentation/>

<http://www.oliver-thiele.de/index.html>

<http://www.sk-typo3.de/>

<http://www.t3wissen.de/>

<http://www.typo3-book.com/blog/>

<http://www.typo3-profibuch.de/>

<http://www.typo3.net/>

<http://www.typo3extensions.org>

<http://www.typo3forum.net/forum/>

<http://www.typo3wizard.com/>

<http://www.webworking-blog.de/>

<http://www.workshop.ch/openmind/>

Information about the apache web server and the web techniques php, css, JavaScript and html:

<http://css.maxdesign.com.au/>

<http://de.selfhtml.org/>

<http://httpd.apache.org/docs/>

<http://jquery.com/>

<http://wiki.selfhtml.org/>

<http://www.css4you.de/>

<http://www.php.net/>

<http://www.rasi.ch/>

<http://www.tutorials.de/css/>

mediawiki site address for software download and documentation:

<http://www.mediawiki.org/wiki/MediaWiki>

Single sign on framework for integration of mediawiki into typo3:

<http://www.single-signon.com/>