# D53-pub Electronic Communication Platforms and Public Website

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<tr>
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## Approval

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### Document History

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### Document Reviews

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## Definitions, acronyms and abbreviations

<table>
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<tr>
<th>Acronym</th>
<th>Description</th>
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<tr>
<td>M3W</td>
<td>Maintaining and Measuring Mental Wellness</td>
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<tr>
<td>ECP</td>
<td>Electronic Communication Platform</td>
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<tr>
<td>CMS</td>
<td>Content Management System</td>
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<td>SaaS</td>
<td>Software as a Service</td>
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<td>WG</td>
<td>Working Group</td>
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1 Introduction
This document (D53-pub) is an abbreviated and public version of the full deliverable *D53 Electronic Communication Platform for Project Partners and Public Website*. The difference is that D53-pub does not describe those – restricted – services that are available only to the members of the M3W consortium.

2 Electronic Communication Platforms (ECP)

2.1 User Register
https://m3w-project.eu/; status: public.

The project server has been used also as User Register for players, i.e. users of the M3W Mental Wellness Toolset (MWT), aka M3W Game Server. Firstly, the project server hosted also the MWT, but later the User Register became separated from the Game Server. Its reason is explained in the guide *M3WJS Backoffice Services*.

2.2 Game server
The Game Server hosts the M3W battery of games. The name *kognito* has been chosen at it is easier to remember than the name of the project site; see details in the technical guide *M3WJS Backoffice Services*.

### 2.3 Experimental servers

#### 2.3.1 In Switzerland

[http://ch.openmindwellness.net](http://ch.openmindwellness.net); status: experimental.
2.3.2 In Luxembourg

https://svr225041.actimage.net; status: experimental.
The Game Servers host the M3W battery of games and other services. The server of ZHAW (ch.openmindedwellness.net) in Switzerland has been used for experiments with real players, and for alternative user interface developments. The server of Actimage (svr225041.actimage.net) in Luxembourg has been used for implementation experiments and alternative user interface developments, and for data visualization.

2.4 Mailing lists

The public mailing lists support the communication between the project members and the players. They also archive the letters. Mailing lists are operated by BME EMT under Mailman¹.

2.4.1 m3w-pl@m3w-project.eu for players (obsolete)

m3w-pl@m3w-project.eu (e-mail language: Hungarian)

This is a list for distributing circular letters of team members to players taking part in testing. Members of the lists are players. Only selected project managers and contact persons can send mail to this list.

2.4.2 mail@m3w-project.eu for feedback from players

mail@m3w-project.eu

Members of the list are selected project managers and contact persons who are authorized to answer the letters received by this list from the players.

¹ Mailman, the GNU Mailing List Manager. http://www.gnu.org/software/mailman/
2.4.3 Support for national communities (m3w-pl-??@m3w-project.eu)

Later during the project, more mailing lists have been set up for national player communities. The membership on these lists is managed automatically on the basis of the User Register: an active player becomes member of the mailing list in their selected language; see details in the technical guide M3WJS Backoffice Services.

- m3w-pl-hu@m3w-project.eu (mailing list for players in Hungarian)
- m3w-pl-en@m3w-project.eu (mailing list for players in English)
- m3w-pl-de@m3w-project.eu (mailing list for players in German)
- m3w-pl-fr@m3w-project.eu (mailing list for players in French)
- m3w-pl-el@m3w-project.eu (mailing list for players in Greek)

3 Public Website

http://m3w-project.eu/

Status: public, with restricted areas for authenticated users.

Technical editors of the webpages have been J. Vargha and P. Hanák; contents have been edited by J. Mallász, P. Breuer, J. Vargha and P. Hanák. The webserver has been operated by BME EMT.

The pages are written in English, some shorter Hungarian parts are also inserted. If needed later, we plan to publish pages written in more languages – these can be Hungarian, French, German and Greek besides English.

In the second phase of the project this server has accomplished also the players’ registration (c.f. User Register).

3.1 Drupal

The M3W project’s public website is based on the popular, widespread Drupal Content Management System (CMS). Still, Drupal is more than a CMS. It is a Software-as-a-Service (SaaS) solution that is perfect for a small business and scalable for any large enterprise.²

BME EMT has been successfully used Version 6 of Drupal on its servers for several public websites in other projects. Meanwhile, Version 7 of Drupal has been published which made reasonable to base the M3W project’s website on this newer version.

Drupal 7 contains more new features and architectural changes than any previous version. In addition, it has considerable improvements in performance (how fast it can handle a single request), and scalability (how many requests it can handle at the same time, or the amount of information it can store and process).³ Based on these results,
we have expected that the Drupal 7 would not only be suitable for the relatively small task to disseminate the M3W project, but we would be able to solve the administration of a large number of players and manage the large amount of data resulted by the players’ activity.

3.2 The M3W Project’s Public Website

On one hand, the site is an introduction that contains basic information about the M3W project, gives a brief description of the project partners with links to their own website, and contact data. On the other hand, the project participants have published articles on the website, and post press materials related to the project, data of events, photos, etc. All of these information are available for anonymous users (visitors of the website not logged in).

3.2.1 The homepage (frontpage) before 2014
The site’s frontpage ([http://m3w-project.eu](http://m3w-project.eu)) has four main horizontal sections:

1. The **header** with the project's logo and a slideshow with cropped screenshots of a few games to illustrate the core element of the project.
2. The **navigation bar** with the main menu with horizontally arranged menu items. This is a drop-down menu, i.e. some of the menu items have child items, opened downward when the mouse is moved over them.
3. The **content** section with the page title and the content of the page (text, images, etc.) This section is narrower than other sections above and below, and arranged to right to give room for the sidebar, arranged to left. The sidebar is a placeholder of different blocks. Here are two such blocks: the **Search block** and the **User menu block**.
4. The **footer** with the logo images of the supporting agencies (first row), and with the project partners' logo images (second row). All logos are links to the websites of their owners. The third row indicates that the site is powered by [Drupal](http://drupal.org).
3.2.2 The homepage (frontpage) since 2014

M3W - Cognitive Training for Mental Wellness

Dear Visitor,

Age-related cognitive decline is considered as a normal process over 40 that often accelerates with age. In our days, fortunately, there are methods to measure such mental changes over time and detect them early. These methods may give some assistance to any further healthcare steps if needed.

Now, you can get this assistance on the M3W website. With regular use of the online games you can measure and visualize mental changes and tendencies over time, in an entertaining way.

We invite you to play...

Login

Dear Visitor,

If you completed your registration and want to play with the games any time in the future you must log in to the M3W website (unless your browser remembers your last session). You may login:

- With your Google, Facebook or LinkedIn account: just click on its name in the left bar.
- With your username and password: click on the Login button in the left bar and enter the data.
Details: How to login

Registration

Dear Visitor,

Registration consists of (1) creating a new account, (2) performing the PAL Test. Usage is free.

- Account creation is easy if you have a Google, Facebook or LinkedIn account: just click on its name in the left bar.
- Else click on the Registration button, enter a few data, including a valid email address, then read your mail and follow the instructions.
Details: How to register

Data handling

Dear Visitor,

The personal data you enter at the registration and the results you achieve in the games are treated confidentially. Only you and authorized experts of the M3W project have access to them.

Details: Data handling regulations
3.2.3 Main menu

The main menu structure, with all parent items expanded (in the browser, this situation never happens as only one branch can be expanded at the same time; the connecting lines are also used in the illustration only, they do not appear on the webpage):

In this tree structure, in two cases the first child menu items are the leaves (THE PROJECT and PARTNERS), because they have a fixed number items. However, in the case of PUBLICATIONS, the number of leaves will grow as the project progresses, and may become too long. To avoid this inconvenience, the first child items of the PUBLICATIONS parent item linked to list pages. This content type is devoted to display sorted lists of selected items (articles, deliverables, etc.). If the number of the items exceeds a certain limit, the list will be divided into separate pages, which can be achieved via the pager at the bottom of the list. These lists are produced by the Views module, and inserted into the list pages.
In the case of EVENTS, there are no child menu items, it is directly linked to a list page. In the table, a formatted list of events and, if exists, linked photo galleries can be accessed directly from the list of events.

On the photo gallery pages, each photo is represented by a thumbnail. Clicking on a thumbnail starts a slideshow of the images. In the example below, starting from the trunk (the navigation bar), following the ramification of branches we arrive to the photos.
as a certain kind of leaves on the tree structure of the M3W projects website. Photos are shown only to authorized, i.e. registered users.

3.2.4 Contents

All contents of the website are organized into this logical structure to provide access to any content pieces as easily as possible.

In addition to texts with inserted images and photos, some content are produced in PDF files, and these contents require specific PDF viewer plugin to display them embedded in the webpage:

This feature is provided by the Embedded Google Docs Viewer module, based on the PDF viewer of Google Docs.
The last item on the main menu is the CONTACTS. In our case, this not a form to send message directly to an email address, which is the default contact method in Drupal, but a simple list of contact names and their contact data:

![Contact page image]

### 3.3 Player management

The features described above can be accessed by any visitors of the website, even if they are not logged in.

Users registered on the website can access and use more features. Depending upon their roles, users can administer the whole site, or edit the content, and – which is more important for the M3W project – they can be players, or manage the players (e.g. doctors).
Users can directly register with a username and password, or with one of their Google, Facebook or LinkedIn accounts; see; details in the technical guides (M3WJS Backoffice Services, M3WJS User Guide, etc.).