Deliverable 9.1
Project Website
# D9.1 Project Website

## Document Information

<table>
<thead>
<tr>
<th>Programme</th>
<th>FP7-ICT-2013-11</th>
</tr>
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<tr>
<td>Project acronym</td>
<td>OS4ES</td>
</tr>
<tr>
<td>Grant agreement number</td>
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</tr>
<tr>
<td>Number of the Deliverable</td>
<td>D9.1</td>
</tr>
<tr>
<td>WP/Task related</td>
<td>WP9</td>
</tr>
<tr>
<td>Type (distribution level)</td>
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</tr>
<tr>
<td>Start date of project</td>
<td>01/07/2014</td>
</tr>
<tr>
<td>Date of delivery</td>
<td>30/08/2014</td>
</tr>
<tr>
<td>Status and Version</td>
<td>Final Version 1.0</td>
</tr>
<tr>
<td>Number of pages</td>
<td>20 pages</td>
</tr>
</tbody>
</table>
| Document Responsible       | Dr. Jörg Benze – T-Systems  
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Revision History

<table>
<thead>
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<th>Version</th>
<th>Date</th>
<th>Author/Reviewer</th>
<th>Notes</th>
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<td>10/09/2014</td>
<td>Birk Siegmund – T-Systems</td>
<td>First proposal, Sharepoint Part</td>
</tr>
<tr>
<td>0.2</td>
<td>10/09/2014</td>
<td>Dr. Jörg Benze – T-Systems</td>
<td>Second proposal, Webpage Part</td>
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<tr>
<td>0.3</td>
<td>11/09/2014</td>
<td>Andrea Schröder – FGH e.V.</td>
<td>Review</td>
</tr>
<tr>
<td>0.4</td>
<td>11/09/2014</td>
<td>Dr. Jörg Benze – T-Systems</td>
<td>Executive Summary added, Layout check</td>
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<tr>
<td>0.5</td>
<td>12/09/2014</td>
<td>Andrea Schröder</td>
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<tr>
<td>1.0</td>
<td>12/09/2014</td>
<td>Dr. Jörg Benze – T-Systems and Andrea Schröder</td>
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Executive Summary

This document “D9.1 Project Website” describes the general graphic design rules and the web-page system for the OS4ES-project.

The graphic design rules that have been applied ensure that the graphics can not only be used for the OS4ES web-page design but for all kind of OS4ES project publications. This consistent look-and-feel will lead to a high recognition value of the OS4ES-project.

The web-page system accessible at http://www.os4es.eu is a piece of software presenting the project’s key features. It is a living document which will be extended during the project runtime according the future requirements.

The web-page system is divided in two parts: a public-webserver-system and a member-webserver-system. The public-webserver-system gives a general overview of the OS4ES-project and allows interested parties to easily contact the project manager via a contact form in order to receive the latest project results and/or to join the OS4ES user group. The web-page runs on PC's/Tablets, Smartphones and Smart-TV's and has been optimized for these different kinds of media. The member-webserver-system acts as a "data-hub"

- for the consortium to support collaboration within the OS4ES-project,
- for the OS4ES user group to receive up-to-date information on the OS4ES project and to interact with the OS4ES consortium, and
- for the EC to get access to the complete list of OS4ES project deliverables.

In the area for consortium members a file-sharing system has been set up along with an OS4ES WIKI that holds all relevant project details, links to the file-sharing system and allows for effective co-operation within the consortium. The area for the user group will be set up within the next weeks while the EC member area with access to deliverables is already up and running and can be accessed with the user credentials provided in a separate email to the project officer.
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1 Introduction

1.1 Scope of the document

The aim of this document is to describe and document the OS4ES project website system.

1.2 Notations, abbreviations and acronyms

<table>
<thead>
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<th>Acronym</th>
<th>Description</th>
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<tr>
<td>BRP</td>
<td>Balancing Responsible Party</td>
</tr>
<tr>
<td>DSO</td>
<td>Distribution System Operator</td>
</tr>
<tr>
<td>ENTSO-E</td>
<td>European Network of Transmission System Operators for Electricity</td>
</tr>
<tr>
<td>FP7</td>
<td>Seventh Framework Programme</td>
</tr>
<tr>
<td>OS4ES</td>
<td>Open System for Energy Services</td>
</tr>
<tr>
<td>TSO</td>
<td>Transmission System Operator</td>
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Table 1: List of acronyms
2 Project Website Overview

The project site system represents a unified web platform for the project. For technical reasons this is produced on two separate systems. But, because of the consistent design, the user perceives it as one system. Figure 1 shows the structure of the project website system.

When the user invokes the Domain http://www.os4es.eu he reaches the homepage of the OS4ES project. A public user only obtains publicly available information about the project while OS4ES-members, such as the OS4ES consortium-members, user-group-members and the EC project officer, can start the login procedure on the public web page to get access to the OS4ES Member-Server System, which contains relevant data for the different member-groups. Therefore, the OS4ES member-server system operates as a "data-hub" for all project participants.
3 Graphic design of the OS4ES project.

For the OS4ES EU-funded project a recognizable graphic design has been developed which will be used for all OS4ES dissemination activities (e.g. project flyer, project presentations to interested parties, project booth at conferences, etc.). Figure 2 shows the color-world of the OS4ES-design. To increase the recognition value, it is recommended that only those colors and the colors "black" and "white" are used.

<table>
<thead>
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<tr>
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<td>13/51/96/3</td>
<td>215/136/28</td>
<td>#D78B1C</td>
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<tr>
<td>BRAUN</td>
<td>34/37/42/10</td>
<td>159/141/128</td>
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<td>GRÜN</td>
<td>64/28/37/10</td>
<td>96/143/147</td>
<td>#6089F3</td>
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**Figure 2: Color-world of the OS4ES-design**

Based on the colour scheme the OS4ES-logo has been developed, shown in Figure 3. Regarding the different ways of using the logo (e.g. for color- or black&white-printing) four kinds of logo variants have been set up. However, the use of the reverse-lettering-version, shown on the top left side in Figure 3 is recommended.

**Figure 3: Logo variants of the OS4ES-logo for different use cases**

In order to fill larger spaces with a recognizable illustration and to serve as an eye-catcher an additional larger graphic element (key visual) has been developed summarising the project’s aim in a graphical way:

It features an open energy system (no graphic boundaries restricting the information flow) with its components (power plants, electrical towers with their lines, end user installations...
(plug) and decentralised energy resources (currently only wind power plants; PV and electrical vehicles to come), revealed in the pictograms, that are interconnected with each other, both electrically and for communication purposes. The bolt symbolises the power system state in which problems occur within the power system and need to be handled by all participating parties by means of an open platform for energy services.

A benefit of this graphic element is the possibility to use it on an arbitrary free space, because the network-like structure can (with adaption) be applied everywhere on the available geometry of a free surface. Figure 4 shows some examples of the key-visual (e.g. using it as banner for the OS4ES project web site).

Figure 4: Key-visual variants of the OS4ES-key-visual for different use cases

Based on this graphic design system the OS4ES-project has a distinctive social media design for the actual and following dissemination activities allowing a high recognition value.
4 Project Website (public-system)

As the OS4ES-website is a living document, which will be used and enhanced in the course of the project for dissemination activities and for example for work within the consortium as needed, this document only features a snapshot of the current version 1.0 of the OS4ES-website.

Figure 5 shows the homepage of the project website (public-system) for PC / Tablets.

The project website also available for devices with small displays, e.g. smartphones (Figure 6). In this case the navigation menu will be automatically adapted for the use of small display devices.

Figure 5: OS4ES-Hompage for PCs/Tablets
The FP7 collaborative project “Open System for Energy Services” (OS4ES) funded by the European Commission has started on 1st July 2014 and will run for three years. It is conducted by nine partners and coordinated by FGH e.V.

**OS4ES in a nutshell**

Today, mass presence of distributed energy resources (DERs) connected to the grid is often seen as having adverse effects on grid reliability and robustness. The apprehension is that it management by distribution system WW

The OS4ES website also runs on the most internet-enabled television screens (Figure 7).

**Figure 6: OS4ES-Hompage for Smartphones (with adapted Menu)**

**Figure 7: OS4ES-Homepage on an internet-enabled TV**

Figure 8 shows the sitemap of the OS4ES-website.
Sitemap

Home
Objectives
Project-Plan
  • WP1: Architectural Design
  • WP2: Generic Interfaces
  • WP3: Communic. protocols
  • WP4: Distributed Registry
  • WP5: DER Mgmt. App.
  • WP6: Middleware Implem.
  • WP7: Lab & Field Testing
  • WP8: Consortium Mgmt.
  • WP9: Dissemination
Partners
User-Group
News & Events
Sitemap
Contact
Impressum

Figure 8: OS4ES-Sitemap

The following bullet points give an overview of these pages:

• "Home" introduces the OS4ES-project in a short overview.
• "Objectives" allows a deeper view in the aims of OS4ES.
• "Project-Plan" provides an overview of how the OS4ES project goals will be achieved and gives, within the sub-menus, a detailed description about the work-packages.
• On the "Partners"-site all partners are listed with their company names, nationality and logo. The logo itself is a link to the corresponding partner's home page.
• The "User-Group" section gives some information about the planned user group and includes a possibility to register as user group participant. This section will be expanded in the next version of the OS4ES-website for allowing more interaction with the existing user group and also new user group members.
• The "News & Events" section holds up-to-date information about the next planned activities.
• "Contact" allocates information about the project manager (responsible persons and their email addresses) and provides a contact form for interested parties for receiving more information on the project and/or joining the user group.
• "Impressum" fulfils the legal guidelines for operating a website.
5 OS4ES team site (member-system)

5.1 Parts of the OS4ES team site

The team site is not publicly available. It is only available to persons belonging to the OS4ES consortium and those who have been granted access by the consortium. Included are

- all project partners contributing to the project (OS4ES Members)
- all members of the OS4ES user group
- all contacts of the EU Commission, who have the access to the deliverables

The structure of the team site is therefore divided into the following three parts (see also Figure 9):

![Figure 9: The three parts of the OS4ES team site](image)

5.1.1 OS4ES Members

This part of the team site contains all the functionalities that are used by the project partners to work jointly and effectively together.

5.1.2 OS4ES User Group

This part of the team site will be used to give information of the project to the members of the User Group.
5.1.3 EU Commission

This part of the team site can be used by the EU Commission to access project deliverables.

5.2 Used Technology

The internal part of the project website is implemented based on the software product Microsoft SharePoint®.

5.3 OS4ES Wiki

The main part of the OS4ES-team site is the OS4ES Wiki (Figure 10). It is the central Home Page and is the main place to get the latest project information.

![Figure 10: OE4ES Wiki page](image)

From here you have access to key project details, such as

- Project guidelines
- Grant Agreement and Contract Amendments
- Overall work plan (Gantt chart)
- Documents of the Work packages
- List of deliverables
- Meeting Minutes
• Action Items
• Calendar
• Contacts
• OS4ES mailing lists
• OS4ES Templates
• (Requests to the SharePoint)

Figure 11 shows the folder for the minutes of web conferences and physical meetings.

Figure 11: Folder of the OS4ES Meeting Minutes

The following figure lists all project deliverables. When the deliverables are ready they will be linked from this page and stored within the OS4ES file system provided by the member webserver system.

Figure 12: Table of the OS4ES Deliverables
5.4 Organizational Information

In order to coordinate project activities, a number of SharePoint standard functionalities are used, which have been configured for OS4ES. These are:

- Team Calendar (Figure 13)
- Action Item Lists
- Announcements
- Document Library (Work packages, Deliverables)
- Contact Lists
- Mailing Lists (Figure 14)

![Figure 13: OS4ES Team Calendar](image-url)
5.5 OS4ES Document Library

For allowing the OS4ES members to work together on documents, an OS4ES document library has been set up at the team site. In this library all necessary documents are filed as shown in Figure 15.

Figure 14: OS4ES E-mail distribution lists

Figure 15: Folder Structure in the OE4ES document library
The main structure follows the OS4ES work packages. In addition, all standard SharePoint features can be used for document management, e.g. folder structures, versioning, Check In/Check Out (Figure 16).

![Figure 16: Functionalities used to manage the OS4ES documents](image)
References

[1] OS4ES Description of Work