Data4Water

Data4Water – DELIVERABLE

Project Web Site

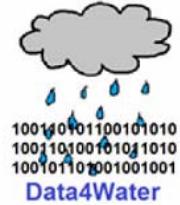Deliverable number: 5.3

Due date: 1.04.2016

Nature: OTHER
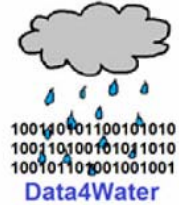
Dissemination Level: CO

Work Package: 5

Data4Water

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Tel: +40.21.4029646, E-mail: d4w@cs.pub.ro
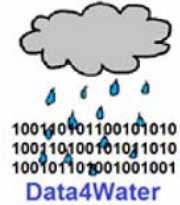
1. Introduction

The project web site was implemented, to present the project, including links from the Home Pages of EU strategic partners involved, as well as a bidirectional connection with the "Knowledge lake".

The project site:

- contains information related to this project (objectives, participants, activities, events, etc).

- presents the progress of the project activities;

- hosts links to similar projects, disseminate projects concepts and outcomes.

The project site is functional from the 3rd Month of the project, and is constantly updated and maintained, to reflect the current status of the project activities and results.
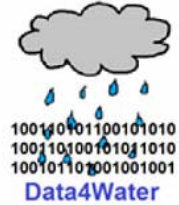
The project web site can be accessed at: https://d4w-twinn.pub.ro

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2. The structure of the web site

The web site of the project is structured on the following sections:

- Home
- Project Overview
- Partners
- Work Packages and Deliverables
- Events
- Knowledge lake (link)

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3. The Home Page

The Home page contains:

- a welcome message with the identification data of the project (Name of the project, Grant program, Call, Type of action, Proposal number and Acronym)
- most recent events published on the website

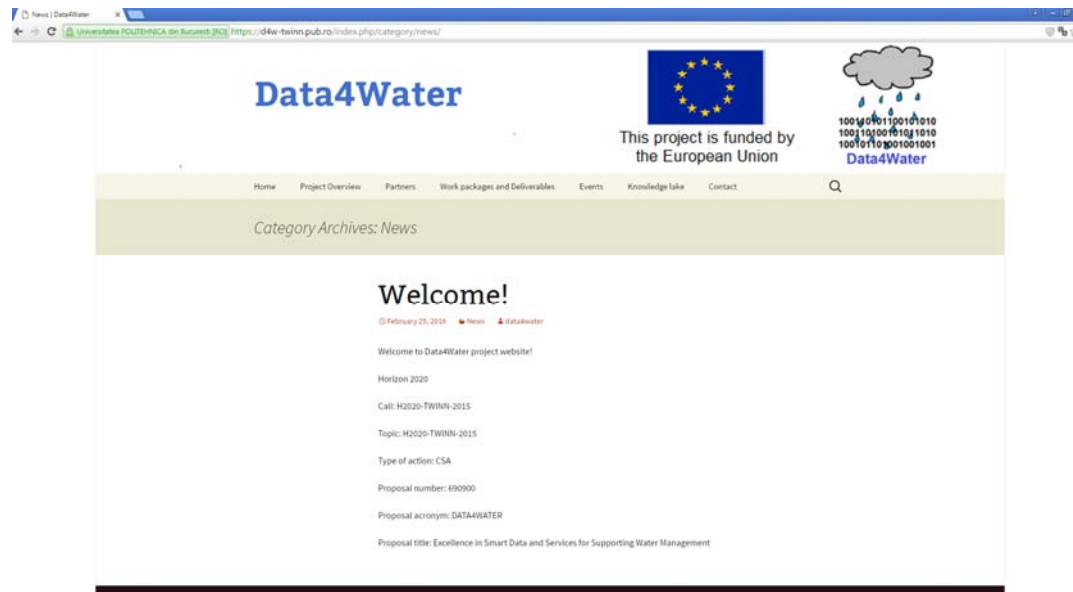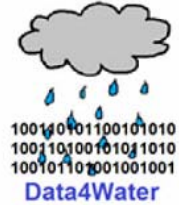In the following figure the Home Page is presented.

Fig. 1. The Home Page

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4. The Project Overview Page

The project overview page (Fig. 2) presents:

- The main and specific objectives
- The main activities
- The scientific objectives and
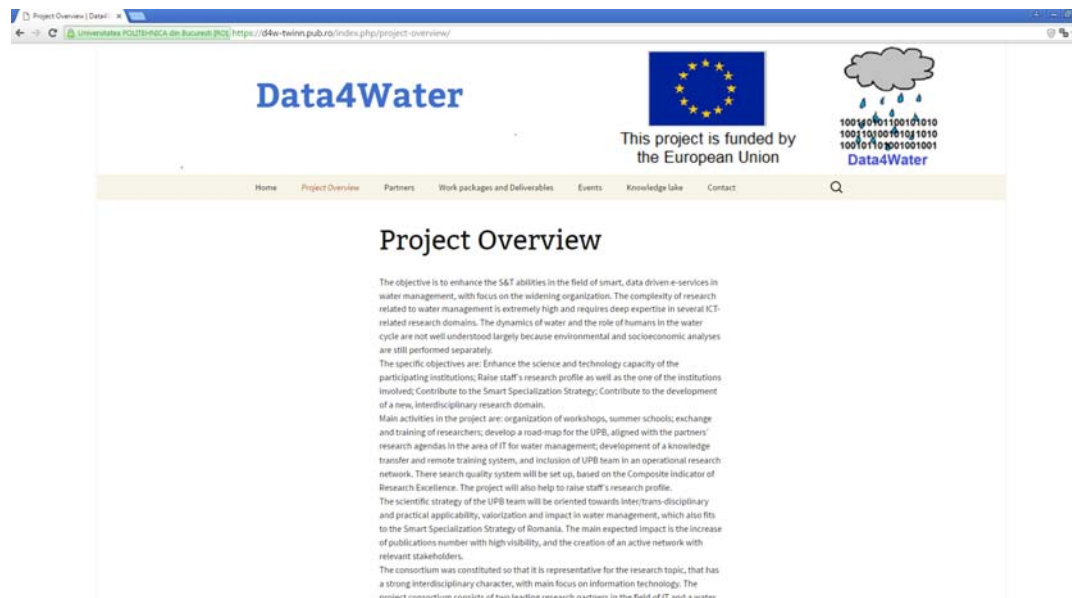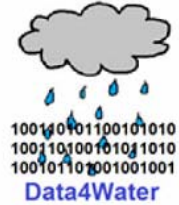- The expected impact of the project

Fig. 2. The Project Overview Page

5. The Partners Page

The Partners page (Fig. 3) lists the partners in the project and offers links to their web sites:

- University Politehnica of Bucharest (UPB) Romania (Coordinator) (https://cs.pub.ro/)

- University of Milano-Bicocca (UNIMIB) Italy (http://www.unimib.it/)

- Fraunhofer Institute FOKUS (FOKUS) Germany (http://www.fokus.fraunhofer.de/)

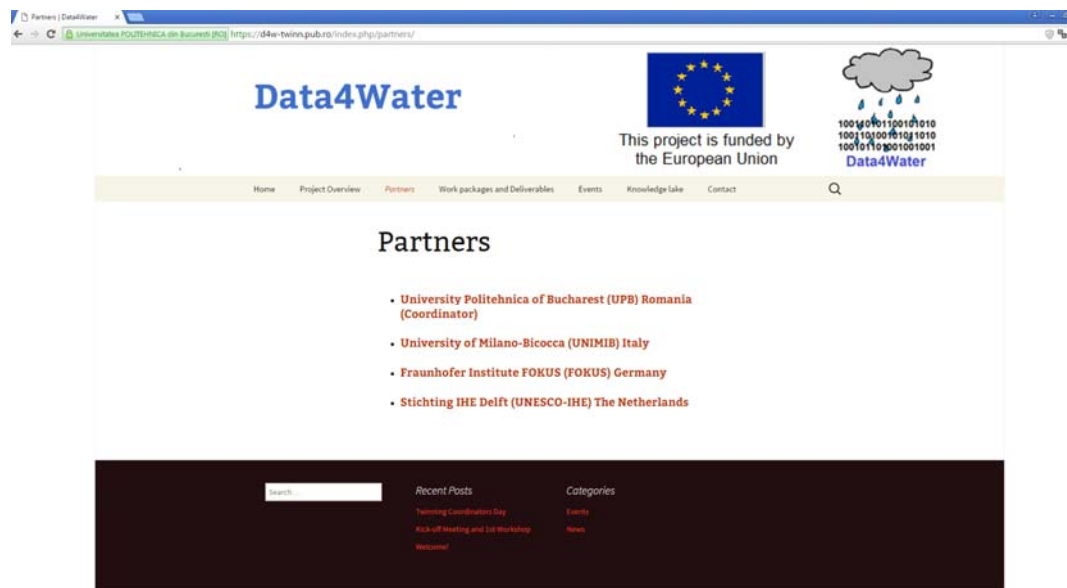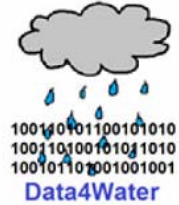- Stichting IHE Delft (UNESCO-IHE) The Netherlands (http://www.unesco-ihe.org/)

Fig. 3. The Partners Page

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6. The Work Packages and Deliverables Page

The Work Packages and Deliverables Page (Fig. 4) offer the possibility to view:

- the list of work packages of the project including information like the name of the work package, how many participants will participate to this work package, the name of participants, persons/month, the start and the ending month of the work package

- the list of deliverables which will result fro this project, for each deliverable we can identify the number and the name of the deliverable, the work package in which the deliverable will be created, the lead participant which will create he deliverable, the type of the deliverable, the dissemination level and the delivery date
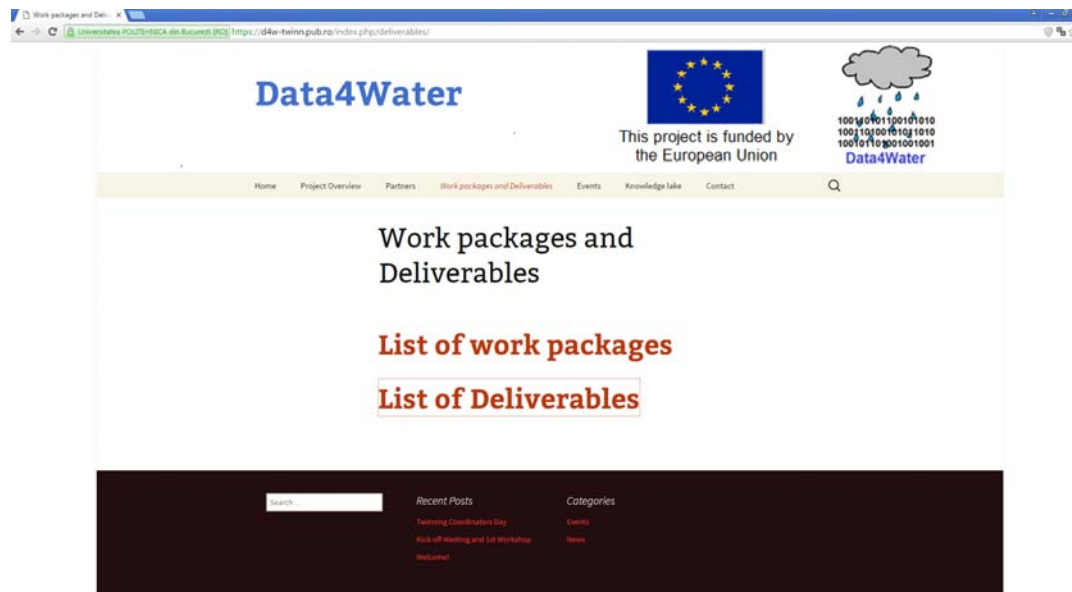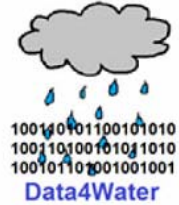

Fig. 4. The Work Packages and Deliverables Page

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7. The Events Page

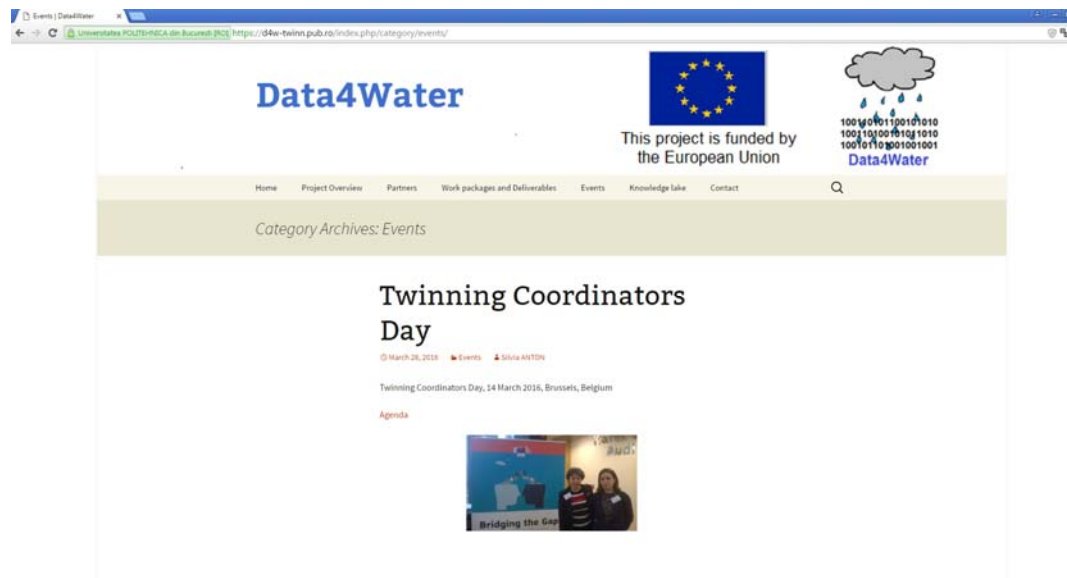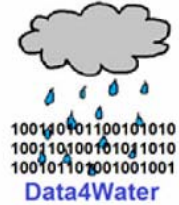The Events Page (Fig. 5) presents the events organized in the frame of the project, their scopes, agendas and dates.
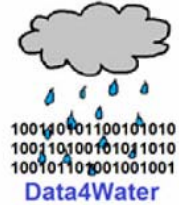

Fig. 5. The Events Page

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8. The Knowledge Lake link

On the main menu of the site there is also a link to the "Knowledge Lake" web site: http://data4water.pub.ro/ (Fig. 6) which will be used to present the deliverables of the project.

Fig. 6. The Knowledge Lake web site

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9. Contact Page

The Contact Page (Fig. 7) presents contact information: the project office address, e-mail address and web sites address for the project web site and for Knowledge Lake.
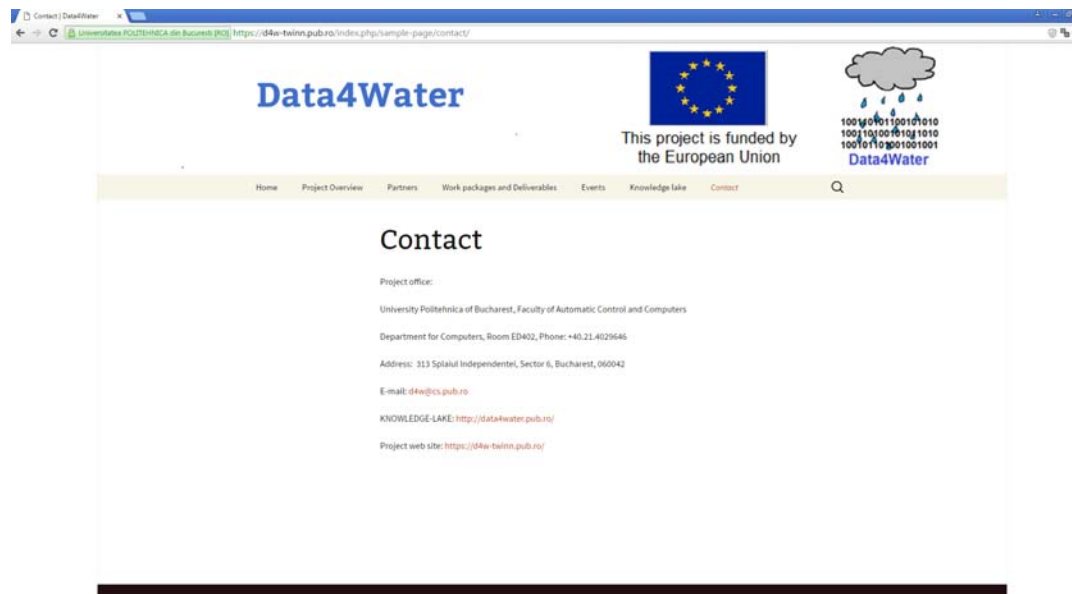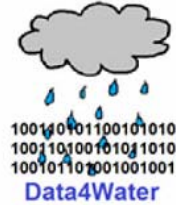

Fig. 7. The Contact Page

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10. Technologies used and features of the web site

The project website was developed using a specialized framework in presentations called WordPress. The framework was configured to securely display the informations using an encrypted connection and a digital certificate (you can see the green text with "Universitatea POLITEHNICA din Bucuresti" near the URL in the browser). We used a special plugin in order to be able to create the site menu and customize to feet our needs. The content of the website can be easily managed by any member of the project, due to an intuitive administration interface.

The website is hosted on a webserver which is using Apache server with special modules for PHP interpretation and execution. Further more, wordPress needs a database backend. The technology we used for the database is based on an SQL implementation and is known under the name of MySQL (or newer versions as MariaDB). We created a special database for this project on the MySQL server and a private user that allows WordPress to connect to it and store data.

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