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D2SERVICE

Design of 2 Technologies & Applications to Service

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Deliverable:	**D1.1:** Project Website
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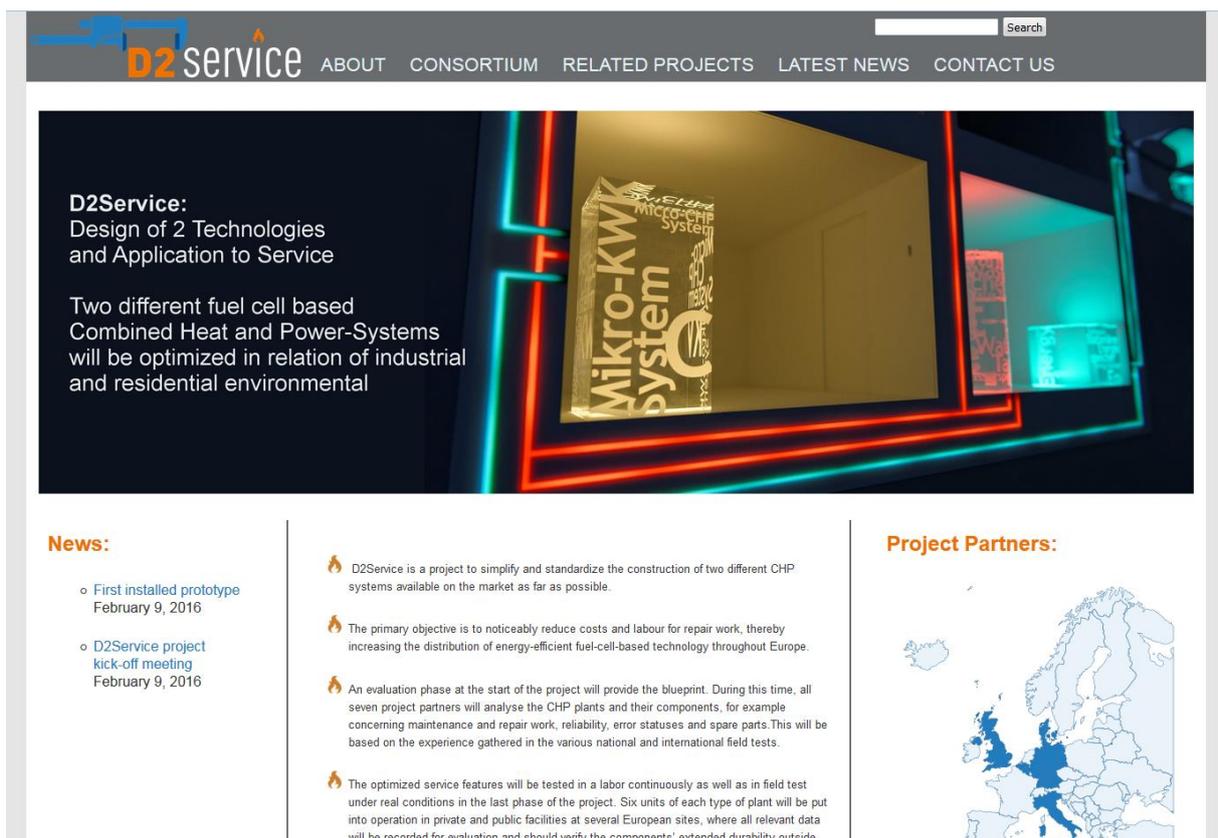
Deliverable 1.1: Project Website

A first decision before creating a homepage is to choose between a static, a dynamic or a responsive layout. A mix of these types is possible as well, but is not recommended in the literature. Static homepages were standard a few years ago. It was decided to not create a static homepage for several reasons. While a static page has a faster transfer speed than a dynamic or a responsive page, it lacks interactive, responsive or dynamic elements. Because capacity and loading speed is nowadays not as important as criterion as it was a few years back, the higher network load is acceptable in view of the gained additional features.

A dynamic homepage creates its content by one or more programs which are running on the server. Weather information or news feeds are examples for dynamic elements of a homepage. For the project homepage, no dynamic elements are currently needed.

It was therefore decided to set up a responsive homepage. Responsive means that the page is based on HTML 5 and CSS 3 to allow users to visit the site no matter which devices are used.

The next major decision is on which system the page is based on. A few general systems are: Wordpress, Jimdo and Typo 3. All three systems are so-called content management systems. For this project, Wordpress was chosen for its user-friendly interface and its exemplary documentation. After discussing the design fundamentals, the framework in PHP was created and CSS was developed. After completion an iterative process with discussing, coding, testing was conducted until the desired final design was achieved.

Deliverable 1.1: Project Website

Figure 1: Homepage of the D2service project. The page is divided into several parts. On the top is the header; directly below is a slide show showing pictures related to the project. On the bottom of the website, there is a news section as well as short project summary and partner overview. Finally, the footer includes all privacy information and the imprint including FCH-JU logo.

For the construction it was decided to use a classic design. The header contains the project logo and the sites navigation menu. The footer consists of the FCH-JU logo and foundation information as well as links to the imprint, privacy policy and the internal area.

The project logo serves as home button on the site. The Home page consists of a slide show with concept art, a newsfeed, a map of all project partners and five bullet points giving a short overview over the project.

The About page consists of a team picture and a summary of the project and its goals.

The Related Projects page is divided in three rows containing logo, short description and pictures of the projects Callux, ene.field and FCpoweredRBS.

The Contact page contains a PHP based form where users can send questions or request information. The form´s content is automatically sent to project coordinator.

The Latest News site is divided into the categories events, press releases and reports to gather all published media regarding the project to provide a centralized source of information to the interested public.

The Consortium subpage consists of three different parts. First, on the left there is a sorted list with all project partners including the Fuel Cell and Hydrogen Joint Undertaking. The sorted signs are programmed to match the D2Service design. In the centre, there is a short summary of the D2Service project and of the project partners. On the right, the project partners map is located.

Countries with D2Service partners are coloured dark blue while other countries are coloured light blue. The countries with partners as well as the sorted list on the left contain links to the subpages of the partners. Lastly, on the bottom of this page the logo of every partner is embedded.

Two exceptions are Germany and Italy. Both countries are home of two partners while it is only possible to specify one link per country. Therefore, a subpage was created to give short information about those two partners with links to the partner subpages.

Every project partner has its own subpage with the following structure:

On the left there is the sorted list linking to all project partners.

In the centre, there is an overview over the respective partner. The name of the partner is a link to the partners own homepage.

On the right there is a quick overview box showing number of employees, fields of research, website and contact as well as the logo of the partner.

The Website is available via www.project-D2Service.eu.