



Total Control

Advanced integrated supervisory and wind turbine control for optimal operation of large Wind Power Plants

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EXECUTIVE SUMMARY

This deliverable is a demonstrator (website) conducted as part of the TotalControl work package 5, Dissemination, Communication and Exploitation. The purpose of the deliverable is to provide an overview of the website features as to give an indication of how the website can be used for communication and dissemination purposes. As the website is rather self-explanatory, mainly screenshots from the actual website are included here. For further insight in the options provided by the website, please follow the included link directly to the site.

INTRODUCTION TO THE WEBSITE

At the project website for TotalControl, five main categories are included at this point. These are *About us*, *Ambition*, *Consortium*, *Dissemination* and *Modelling and Validation*. Whenever additional categories besides these four prove relevant, these will be added to the website. The TotalControl website can be accessed through the following link: www.TotalControlProject.eu. The will lead to the home page of the website, of which a screenshot can be seen below.

Figure 1: Screenshot of the homepage

ABOUT US

In the first main category, *About us*, contains information about the project details in terms of duration, project number and funding. It further includes a link to the CORDIS website, on which more detailed information about the project can be found.

Figure 2: Screenshot of About us section

AMBITION

The category, *Ambition*, is the, in this early phase of the project, most developed part of the TotalControl website. It contains detailed information about the main ambitions of the overall project, specific objectives, information on project structure and work packages as well as expected impacts of the project work. Below, a few screenshots are included to visualise parts of the contents in the *Ambition* category.

Figure 3: Screenshot of Ambition section

Figure 4: Screenshot of the Ambition section

CONSORTIUM

The category, *Consortium*, contains information about each of the eight partners involved in TotalControl, that is, DTU, DNV GL, Offshore Renewable Energy Catapult (ORE), Siemens Wind Power (SWP), SINTEF, Statoil ASA (STATOIL), University of Leuven (KUL) and Vattenfall. Furthermore, a short introduction to the administrative project office is given in a subcategory. Below is included a screenshot of the consortium description and a map of the partners' geographical locations.

Figure 5: Screenshot of the Consortium section

DISSEMINATION

The category, *Dissemination*, will mainly include news from the project. At this early stage, not much work has been carried out, and relevant news for the project are thus sparse in number, but once the project is up and running with exciting work, collaboration stories and achievements reached, all the news can be found on this page. Below can be found a screenshot of the page as it looks to this date.

Figure 6: Screenshot of the Dissemination section

MODELLING AND VALIDATION

The final main category, *Modelling and Validation*, contains relevant information on simulations, tools and full scale validation. As these are rather central elements to the project, they will naturally be more elaborated in terms of content throughout the project. Below can be seen a screenshot of the page providing information on simulations.

Figure 7: Screenshot of the Modelling and Validation section

WEBSITE FOR INTERNAL COMMUNICATION

SHAREPOINT

In addition to the website for TotalControl, the project also has an online internal communication platform. This is mediated through a Sharepoint server at DTU and serves the purpose of allowing the project partners to share various kinds of files internally in the project. Below can be seen the overall structure as it looks from the home page.

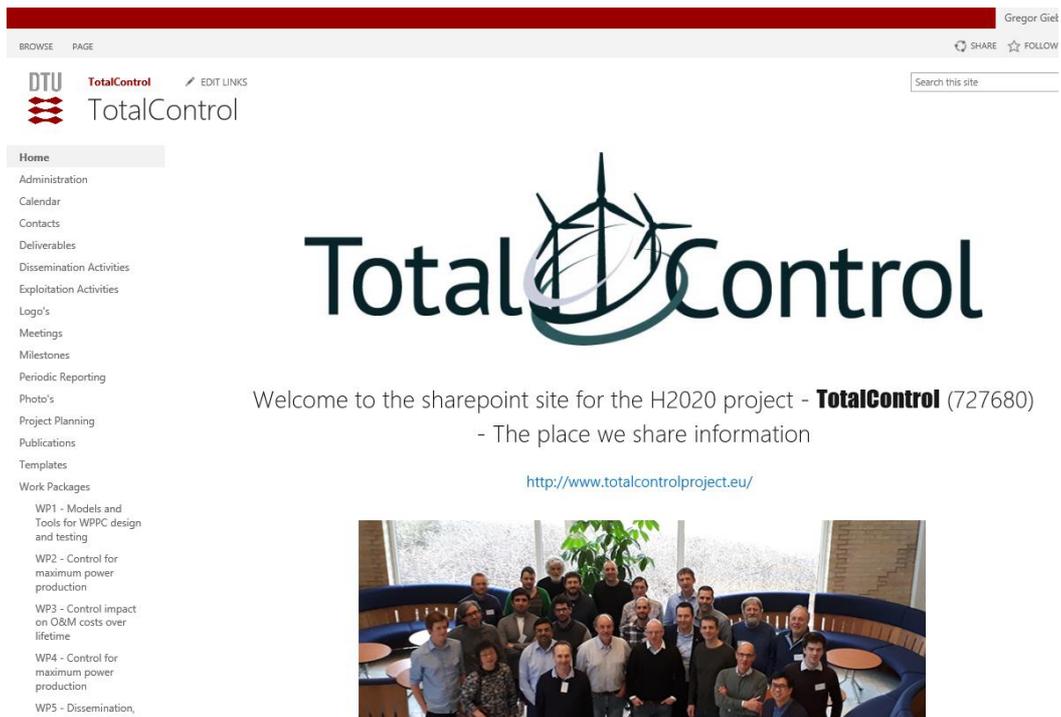


Figure 8: Screenshot of the TotalControl SharePoint home page