SEVENTH FRAMEWORK PROGRAMME
THEME – ICT
[Information and Communication Technologies]

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Project Acronym:	HD-MPC

HD–MPC

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Executive Summary

This deliverable describes the requirements, the set-up, and implementation of the HD-MPC (public) web site `http://www.ict-hd-mpc.eu`, which can be used by the project participants to exchange and store relevant information in an integrated environment and also gives the possibility to the general public to know the results achieved in the project.

Chapter 1

Requirements

1.1   Set-up

The public HD-MPC web site is mainly aimed at other researchers from academia and the industry. In addition, it will also provide information on the project for a broader audience. As such, the web site will be used to disseminate the various project results (including publications, reports, presentations, videos, open-source software, etc.).

The web site should be hosted transparently at the domain `ict-hd-mpc.eu`. So there should be no redirects that replace the URL into a subdomain or into a subdirectory of one of the web sites of the partners. Visitors should be welcomed by a clear and attractive interface with the HD-MPC logo at the top.

The project coordinator should be able to easily add documents, deliverables, etc. to the web site either directly or via the web site editor. Deliverables should only be added to the web site after approval by the coordinator.

1.2   Sections to be found on the web site

The web site will contain both material and information that is meant to be *publicly accessible* (indicated by P in the list below) and material with *restricted access* (indicated by R in the list below).

The following items should be put on the HD-MPC web site (either directly as a main item or as a subitem):

- Overview of the project (P)

- List of work packages (P)

- Publications, presentations, and press releases (P)

- Deliverables (possibly restricted, see also Section 1.3) (P/R)

- Software (P)

- Information for industry (e.g., case studies and benchmark problems) (P)

- Agenda/events (P)

- List of participants and researchers (P)
  This list should link to (personal) home pages of the researchers involved, and no email addresses should be put on the web site (to reduce spam).

- Link to the Virtual Portal and/or the HD-MPC Intranet (R)
  The Virtual Portal or the HD-MPC Intranet will contain amongst others an overview of available equipment, software, and set-ups at the partners.

- Logo sources files, and word and LaTeX templates for the reports and deliverables (R)

1.3   Restricted access

The web site will also contain two restricted access entry points, one for the Commission, and one for the reviewers, so that they can also access deliverables and other documents that are not available to the general public. So there should be four different access levels:

- public

- participants

- reviewers

- commission

This could either be implemented by separate access points for each category (password protected) or via locked links (so links are displayed with, e.g., with a lock symbol to indicate that they are not publicly accessible). The first method is the most straightforward for the users, but it might pose some issues regarding consistency for the content providers. The second method is easier to implement but probably more difficult for the users.

Chapter 2

Set-Up

2.1   Hosting

The web site is hosted at an external provider and its URL is `http://www.ict-hd-mpc.eu`. Both the project coordinator and the web site designer/editor have full access to the source files of the web site.

2.2   Design of the Public Web Site

K.U.Leuven has provided the design of the web site and also manages the layout aspects of the web site. A screen shot of the HD-MPC web site is shown in Figure 2.1.

2.3   Set-Up and Structure of the Public Web Site

The web site has been implemented using PHP and currently has the following main structure:

- Home
- Objectives
    - Main objectives
    - Technical approach
    - Key issues
    - Expected impact
- Downloads
- Information

At the current state, the web site does not contain a database of benchmark problems. As soon as a list of benchmarks will be available, this information will be added to the web site.
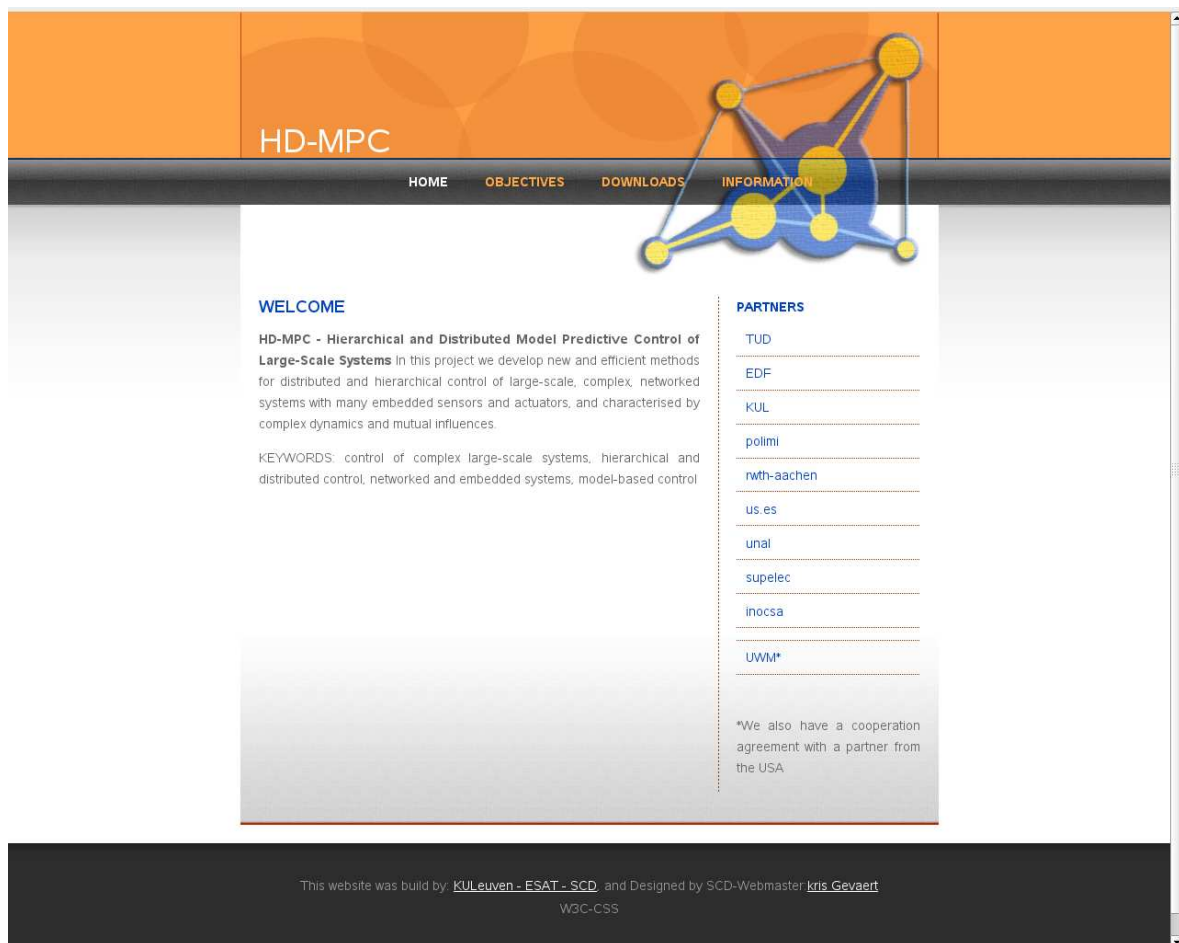
Figure 2.1: Screenshot of the HD-MPC web site (version 1)

2.4   Set-Up and Structure of the Private Web Site

The private part of the HD-MPC web site has now been implemented as a password-protected subarea of the main web site. The HD-MPC Intranet for the project participants can be reached at `https://www.ict-hd-mpc.eu/participants/` (secure connection) or at `http://www.ict-hd-mpc.eu/participants/`. Similar areas exist for the reviewers and for the commission.

The Intranet web site has been implemented using plain html and currently has the following main structure:

- Dates of future HD-MPC meetings

- Minutes of the HD-MPC meetings

- Slides of the HD-MPC meetings

- PDF files of the papers produced within the framework of HD-MPC

- Public presentations of HD-MPC participants

- HD-MPC logo in various formats

- Cover page for the deliverables in doc and latex format

- Powerpoint and latex style file for HD-MPC presentations

- HD-MPC acknowledgment

Chapter 3

Update: Further Development of the Web Site

During the course of the project it turned it that new main items had to be added to the web site such as Publications and Events (see Figure 3.1). The choice of a dedicated web site (and the unexpected leaving of the web site designer at KUL) made it rather difficult to add new items and sections to the web site. Therefore, we have decided to switch to an open-source content management system (CMS Made Simple[1], which allows for easy editing and addition of sections and items. This has also resulted in a new layout (see Figure 3.2) based on an existing template for CMS Made Simple while also using elements of the former web site.

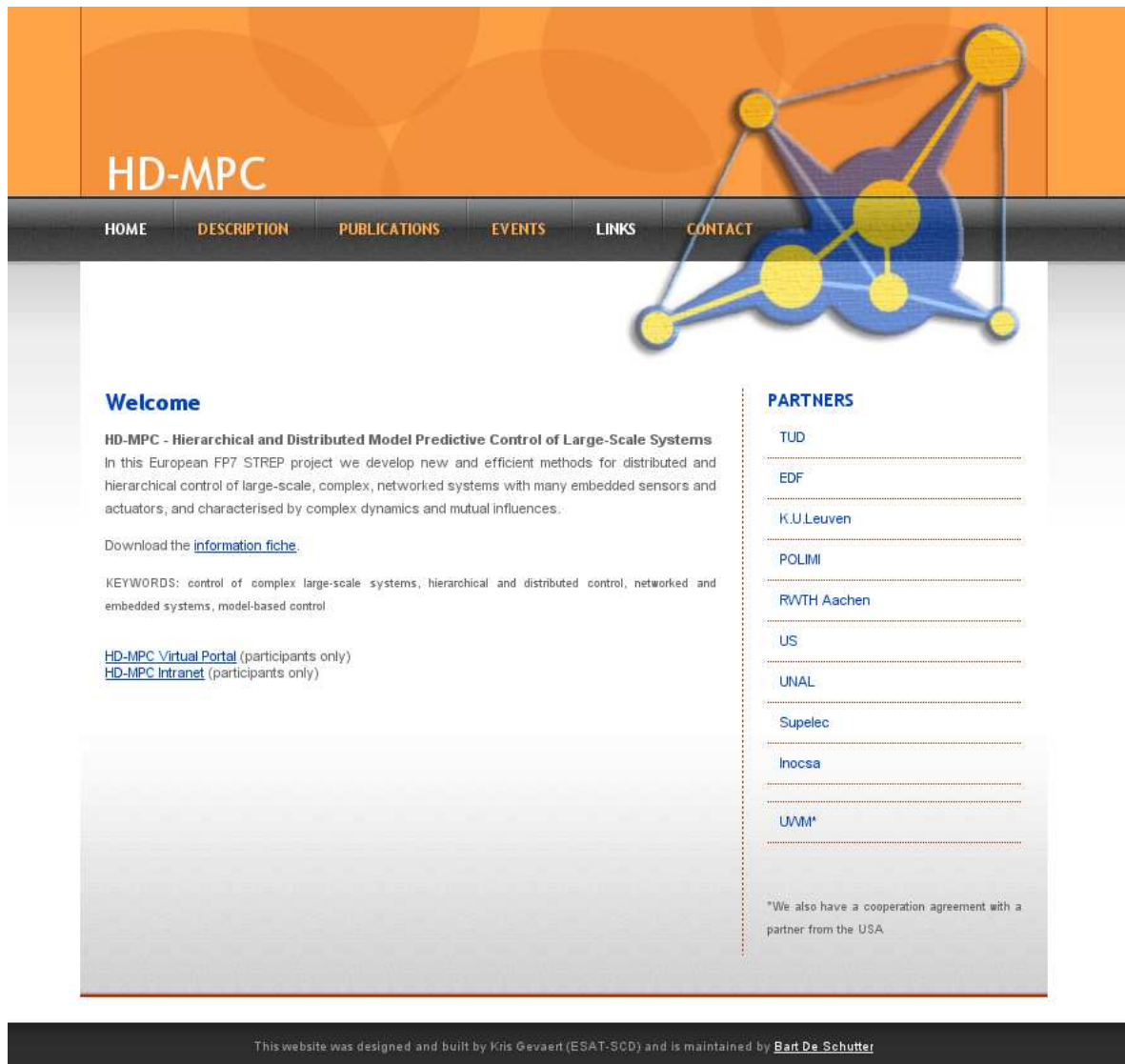[1]See `//www.cmsmadesimple.org/`

Figure 3.1: Screenshot of the HD-MPC web site (version 2)

Figure 3.2: Screenshot of the HD-MPC web site (version 3) using the open-source content management system CMS Made Simple.