<table>
<thead>
<tr>
<th><strong>Lead beneficiary:</strong></th>
<th>USTUTT</th>
</tr>
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<tr>
<td><strong>WP. no, title and activity type</strong></td>
<td>WP8 – Dissemination and Exploitation (RTD)</td>
</tr>
<tr>
<td><strong>Contributing Task(s)</strong></td>
<td>(development of the project’s website)</td>
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<tr>
<td><strong>Dissemination level</strong></td>
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</tr>
<tr>
<td><strong>Delivery date</strong></td>
<td>October 2008</td>
</tr>
<tr>
<td><strong>Status</strong></td>
<td>Final draft</td>
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<tr>
<td><strong>File name and size</strong></td>
<td>“Accessible-Deliverables_Template.doc”, 290 Kb</td>
</tr>
</tbody>
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## Authors List

<table>
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<th>Surname</th>
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<th>Contact email</th>
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</table>

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<tr>
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<th>Surname</th>
<th>Initials</th>
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<tbody>
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<td>2</td>
<td></td>
<td></td>
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## Peer Reviewers List

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<th>Surname</th>
<th>Initials</th>
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<tbody>
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</tr>
</tbody>
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Executive Summary

This Deliverable depicts the development of the ACCESSIBLE project web site, accessible via http://www.accessible-eu.org/ and http://www.accessible-project.eu/.
It focuses on the goal of the website, the standards it abides to, its structure, and presents its overall look and feel.
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List of abbreviations and acronyms

(in alphabetic order)

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
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<tr>
<td>CSS</td>
<td>Cascading Style Sheets</td>
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<tr>
<td>CMS</td>
<td>Content Management System</td>
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<tr>
<td>USTUTT</td>
<td>University of Stuttgart</td>
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<td>WAI-AA</td>
<td>Web Accessibility Initiative</td>
</tr>
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<td>WCAG 1.0</td>
<td>Web Content Accessibility Guidelines 1.0</td>
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<tr>
<td>W3C</td>
<td>World Wide Web Consortium</td>
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<tr>
<td>XHTML</td>
<td>Extensible Hypertext Markup Language</td>
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1 The aim of the web site

Web sites are an excellent means of dissemination because of their accessibility anywhere, anytime, and to a large audience.

The aims of the ACCESSIBLE web site are:

1. To provide information about the current status of the project to various stakeholders in the field of accessibility.
2. To receive feedback from stakeholders upon the project’s aims, progress, methods, etc.
3. To provide the public results of the project to everyone who wants to access them.
4. To generate interaction with various stakeholders (as identified in D8.1a).
5. To propagate dissemination material to all interested parties.
2 Availability of the web site

The website has been designed, and is being hosted and maintained by USTUTT.

It is available under the domains www.accessible-eu.org (held by USTUTT) and www.accessible-project.eu (held by CERTH/ITI). The addresses were selected in order to emphasize the project as a European project.

The web site will be kept online for at least one year after the end of the project (M46) by USTUTT.
3 Structure of the web site

3.1 Basic layout

The basic layout of the website consists of three columns:

- The left column includes the service menu, site menu and links to the European Framework Programme (FP7). The service menu consists of a help-functionality and a sitemap. The site menu is the element that allows for the content related navigation within the website.

- The middle column displays the main content of each webpage. Special navigation features such as quick jump navigation and connected headers are provided (see more in chapter 5). After each article, navigation links have been provided (Top | Menu | Search | Help | Sitemap) to increase the usability and accessibility of the content.

- The right column features the latest news, upcoming events, links to related projects, and logos of w3c standards. (XHTML, CSS, WAI-AA WCAG 1.0)

![Figure 1 Screenshot of the website – project outline](image-url)
3.2 Structure of contents

The overall structure of the content pages is as following:

![Diagram of content structure]

Figure 2 Structure of content

The structure of the content structure will be updated when needed to provide additional dedicated pages (e.g. online video demos, etc.).
4 Contents of the web site

The web site includes / will include information about concepts, vision, objectives and expected outcomes as well as public documents, deriving from the project work, which will be regularly updated, offering links to other relevant sites and links to partners’ websites. Additionally, a visitor's feedback on posted articles will also be enabled in future. Finally, a separate link will be provided to potential users (developers, designers, etc.) that would like to access the assessment simulation module and /or the developer aid tool of ACCESSIBLE.

To better understand the traffic generated to the website, detailed anonymous visitors' statistics will be generated and will be used to improve where needed the website structure and offered content, as well as its propagation through the different dissemination tools and channels.

In general, the contents of the web site are provided by the dissemination manager of the project (MCA), after approval by CERTH-HIT and SUN, while actual content entry will be undertaken by USTUTT.
5 Standards used in the web site

The website has been designed using valid XHTML 1.0 Strict and valid CSS Level 2.1. It conforms to the standards of the Web Accessibility Initiative (WAI) of the World Wide Web Consortium (W3C, http://www.w3.org) and fulfills Level AA accessibility defined by the Web Content Accessibility Guidelines (WCAG) 1.0.

The website has been checked successfully for accessibility by Netscouts gGmbH, using a special web-based evaluation tool, while MCA has tested this using among others aDesigner 2, and actual end-users. It will continue doing so on a regular basis. The online-tool http://wave.webaim.org/ was also used to assure that the site yields full accessibility.

The web site’s accessibility features are

- a hidden quick jump navigation which helps users that use e.g. screen readers or do for some other reason use the website without displaying the graphical styles to get a navigation menu at the beginning of each page. This allows for a more efficient use of the page. The quick jump navigation leads to main content, service menu, site menu, right column content, site search, European framework and to the footer.

- a visible quick jump navigation at the end of each article (see figure 3).
  
  Top: Go to top of the page
  Menu: Go to site menu
  Search: Go to site search
  Help: Load help page
  Sitemap: Load sitemap page

- logically connected headers, which allow for an easier navigation through screen readers.

- a javascript tool for changing the font size. This works additional to usual browser tools for this purpose (e.g. “strg” “+”), so users without java plugins are not facing an unfair disadvantage (see figure 4).
ACCESSIBLE - Applications Design and Development

Figure 3 Screenshot of the website – without style, revealing the quick jump navigation

Figure 4 Screenshot of the website – javascript for adjusting the fontsize (red highlight)
Content Management System (CMS)

The website is being supported by a CMS, maintained by USTUTT. In comparison to static web pages, a CMS allows for a flexible and dynamic addition of the website’s contents. Due to security necessities USTUTT will be the only partner to have access to the CMS.

The CMS that is being used is TYPOlight (http://www.typolight.org). Some selected features / advantages of TYPOlight are the following (the most important ones have been put in bold):

- Open Source
- Web-based administration
- Accessible XHTML strict output
- It meets W3C/WAI requirements
- Multiple back end languages and themes
- Generates search engine friendly URLs
- Multi-language support
- Versioning and undo management
- Advanced search and sorting options
- Phrase search, wildcard search, AND/OR search
- Printing of articles as PDF
- Supports multiple calendars

![Exemplary screen of TYPOlight CMS (1)](image-url)

**Figure 5** Exemplary screen of TYPOlight CMS (1)
Figure 6 Exemplary screen of TYPOlight CMS (2)
**Figure 7** Exemplary screen of TYPOlight CMS (3)
References

1 http://www.w3.org/WAI/WCAG1AA-Conformance
2 http://www.typolight.org
3 http://wave.webaim.org/