

# MONT-BLANC

## D2.3 Project Public Website Version 5.0

### Document Information

Contract Number	288777
Project Website	<a href="http://www.montblanc-project.eu">www.montblanc-project.eu</a>
Contractual Deadline	PM<Month 6>
Dissemination Level	<PU >
Nature	<O>
Author	Renata Giménez (BSC)
Contributors	Jasmina Tomic, David Vicente (BSC)
Reviewer	Pascale Bernier-Bruna (BULL)
Keywords	<website, domain, project, portal>

**Notices:**

*The research leading to these results has received funding from the European Community's Seventh Framework Programme [FP7/2007-2013] under grant agreement n° 288777.*

*© 2011 Mont-Blanc Consortium Partners. All rights reserved.*

## Change Log

Version	Description of Change
V 1.0	Initial Draft of the D 2.3
V 2.0	Second Draft with technical requirements reviewed
V 3.0	Draft reviewed by BULL
V 4.0	More feedback from partners included
V 5.0	Final review

## Table of Contents

<b>Executive Summary .....</b>	<b>4</b>
<b>1 Website status .....</b>	<b>4</b>
1.1 Design and implementation .....	4
1.2 Web update process.....	4
<b>2 Structure and contents of the website .....</b>	<b>4</b>
2.1 Homepage .....	5
2.2 Project.....	5
2.3 Publications .....	5
2.4 Deliverables.....	6
2.5 Press Corner .....	6
2.6 Contact.....	6
<b>3 Technical Requirements .....</b>	<b>6</b>
3.1.1 Domain .....	6
3.1.2 Website Server .....	6
3.1.3 Website framework.....	7
3.1.4 Security .....	7
3.1.5 Databases.....	7
3.1.6 Server Access .....	7
3.1.7 Back-up .....	7
3.1.8 Disk usage and Bandwidth .....	7
<b>4 Web statistics .....</b>	<b>8</b>

## Executive Summary

This document describes the structure, content and update process of the Mont-Blanc public web site ([www.montblanc-project.eu](http://www.montblanc-project.eu)). Web presence is a central element in the dissemination activities of Mont-Blanc, as indicated in the Dissemination Strategy Document (D 2.1). The website became publically available in October 2011. The Barcelona Supercomputing Center, as coordinator of the project, hosts and maintains the website.

This document describes how the website was created and how it will be maintained. It also describes the structure of the website and the functions that are available to the user.

## 1 Website status

The Mont-Blanc public website has been available at <http://www.montblanc-project.eu> since October 2011. It plays a central role in the dissemination of Mont-Blanc as stated in the deliverable 2.1 "Dissemination Strategy Document".

### 1.1 Design and implementation

The design was implemented by the BSC web designer / webmaster. The appearance of the web pages reflects the corporate design of Mont-Blanc. The Drupal back-end is an open-source content management system that allows for automatic patching and upgrades. Web hosting is provided by the Operations team of the BSC.

The WP2 team leader, Renata Giménez, is authorized to edit all content of the website. In addition, the WP1 sub-team is authorized to update the homepage, project page, etc. WP4 and 5 sub-team members are also authorized to add documents to the Publications and Deliverables pages.

### 1.2 Web update process

The website is administrated by the BSC. An editorial team has been defined consisting of the Dissemination Team (Work Package 2). It is headed by BSC, the work package leader. All members have the authority to update the web pages to ensure rapid but controlled updates if new information becomes available. The updates are performed using a content management system (Drupal). The web site content will be checked at least once a week and updated, whenever necessary.

## 2 Structure and contents of the website

An important design criterion for the web site was ease-of-use for the potential users of Mont-Blanc and the interested public. The chosen technology allows extensions to the structure both regarding the number of topics as well as the depth of the information.

The structure of the web site is presently divided into five main headings that are linked from the main page.

## 2.1 Homepage

The main page gives a short presentation of the project and includes the latest news published in the different media.



Image 1: Homepage screenshot of the webpage of Mont-Blanc

It also includes the logo of the European Commission's 7<sup>th</sup> framework programme and European flag, informing the reader that the project is EU funded.

## 2.2 Project

The first section "Project" is a description of the Mont-Blanc project and includes the project partners and objectives. The partners' page includes links to the partners' institutional websites.

## 2.3 Publications

In this section all scientific publications, workshops and presentations will be listed with the most recent one listed on top. A link to the complete article in PDF format will be provided, (whenever possible and based on copyright permissions). All partners will update this list regularly via the easy-to-use content management system.

## **2.4 Deliverables**

This section contains a list of public deliverables of the Mont-Blanc project.

## **2.5 Press Corner**

This section is meant to be the focal point for all dissemination activities, including corporate image, press related material (press releases, press impacts, press kit, etc) and newsletter. This section has been organized in different sub-pages divided into:

- PR materials: this page lists all materials related to corporate image such as the different applications of the logo of Mont-Blanc. It will also include a general dissemination package (general brochure and the project poster).
- Press releases: on this page all published press releases will be listed in all languages with links to the documents in PDF format.
- In the media: this page will list all press articles published in the different international media (magazines, newsletters, newspapers, TV, blogs, websites, etc.) where the Mont-Blanc project has been mentioned. The most recent news will appear at the top of the list.
- Newsletter: on this page visitors will be able to subscribe to the project newsletter. The page will also include a list of the previous issues of the newsletter with links to the document in PDF format, in order to keep a record of all issues. Newsletter subscribers will be added to a project contact database described in 2.6.

## **2.6 Contact**

This section is just a form that allows interested visitors to get in touch with the project coordinator in order to obtain further information or provide feedback about the Mont-Blanc project.

# **3 Technical Requirements**

These technical requirements were defined by the webmaster and dissemination leader, as well as by the web developers and system administrators and are applicable to the public website.

### **3.1.1 Domain**

The domain used for the Mont-Blanc website is [www.montblanc-project.eu](http://www.montblanc-project.eu). This domain has been registered by the project coordinator under the name of Barcelona Supercomputing Center via the registration company [nominalia.com](http://nominalia.com) and is valid from the 25/05/2011. It is renewed on a yearly basis.

### **3.1.2 Website Server**

The server is on a dedicated machine and has the following features:

1. Operating System: SLES 10 SP2
2. Web server: Apache 2.2.3-16.18
3. MySQL server version: 5.0.26-12.18

#### 4. PHP 5.2.5-9.5

The Mont-Blanc website is hosted on an HP ProLiant DL380 G6 server equipped with Intel® Xeon® Processors E5540 2.53 GHz. Since all machine administration operations are done remotely, it does not require a monitor, keyboard or mouse.

### 3.1.3 Website framework

For the Public website the Open Source Content Management System called Drupal (<http://drupal.org/>) version 6 has been used.

### 3.1.4 Security

The website adheres to the following security guidelines:

- SSL (HTTPS) protection by a working certificate (bought from an official Certification Authority, CA) for all Project portal pages and important pages of the Public part of the website, e.g. members login page.
- The Project Portal should be password protected from a Project portal page. To simplify the process of user management and authentication, a module for Apache should be used that allows HTTP authentication for MediaWiki using Drupal's data base: mod\_auth\_mysql
- Software updates: There should be a planning for updating Drupal, PHP, MySQL and Apache with all security updates, on a regular basis by the BSC Operations Team.

### 3.1.5 Databases

The Project Portal website has a separate MySQL database.

### 3.1.6 Server Access

The webmaster of the Mont-Blanc website is a member of the BSC Operations Team and has access to the server from inside the BSC's network and over VPN server via SSH and has the following rights; edit databases; modify settings and start/stop/restart apache; have complete control (create/edit/delete files and folders) over the root website folder vhost or htdocs; read apache log, etc.

### 3.1.7 Back-up

Automated Backups of the Mont-Blanc website, including databases, are performed on a regular basis by the BSC Operations team.

### 3.1.8 Disk usage and Bandwidth

The Mont-Blanc website content is updated regularly and includes large files uploads and downloads. For this reason, these content demand a great deal of disk space and Internet bandwidth.

## 4 Web statistics

The dissemination team (WP2) has access to web statistics in order to monitor the progress of the website. The statistics are also a marketing tool in order to improve the website and emphasize the most useful contents. The tool used is Google Analytics (<http://www.google.com/analytics/>) and is available to all members of the dissemination team (WP2). The reporting of all the results will be included in the Periodic reports (D 2.4 – D 2.6), and a summary of the three years will be added in the Final Plan for the Dissemination and Use of the Foreground (D 2.7).

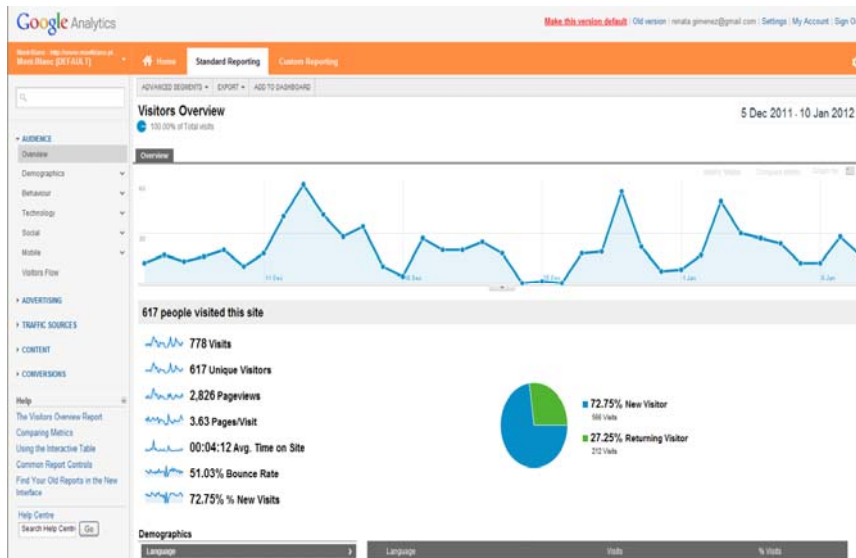


Image 2: Google Analytics screenshot with some statistics of Mont-Blanc's website