BNCI Horizon 2020

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Deliverable:	**D5.4**			
Title:	**Website infrastructure: Website content added**			
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Abstract:	This deliverable describes the current state of the infrastructure and the content of the BNCI Horizon website.			
Keywords:	Infrastructure, website			

1.   Introduction

This deliverable (D5.4) describes the status of the BNCI Horizon 2020 website infrastructure and content in month twelve after the start of the project and discusses future directions of the website. This document is based on deliverables D5.1, D5.2, and D5.3, which described the infrastructure and content of the website earlier in the project.

2.   Statistics

In the last two weeks (as of time of writing), our website had 314 unique visitors and 1129 page views (as determined with Google Analytics). Moreover, the page views statistics created by the content management system Joomla indicate that the homepage had 9,095 hits, the project subpage had 22,228 hits, and the "About BCIs" section had 12,128 hits.

3.   Social media

We created an official project Twitter account called @bncih2020. This account is used to tweet short messages related to our project, such as announcements and news. Within five days from the creation of the account, we tweeted five messages.
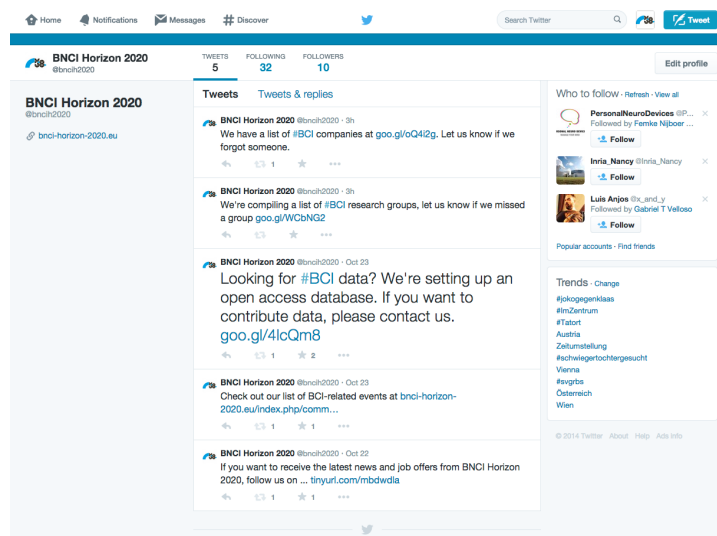

Figure 1: The BNCI Horizon 2020 Twitter account profile page.

Our website backend is set up so that news items published on our website are automatically tweeted on our Twitter account. This minimizes our workload and avoids manually duplicating news stories. However, we are also using Twitter for dedicated postings which we do not feature on our website (for instance to create awareness of our jobs list).

We added a small Twitter icon in the top right corner of our website, which links directly to our Twitter account.

We decided that we will not create official accounts for Google+, LinkedIn, Facebook, Xing, or other social networks. Instead, members of our consortium will advertise BNCI Horizon 2020 and create project-related postings in these channels with their own accounts. For

example, Mannes Poel (UT) already advertised our website on Google+ and LinkedIn using his account (see Figure 2), and g.tec used their account to promote the project on their Facebook page.
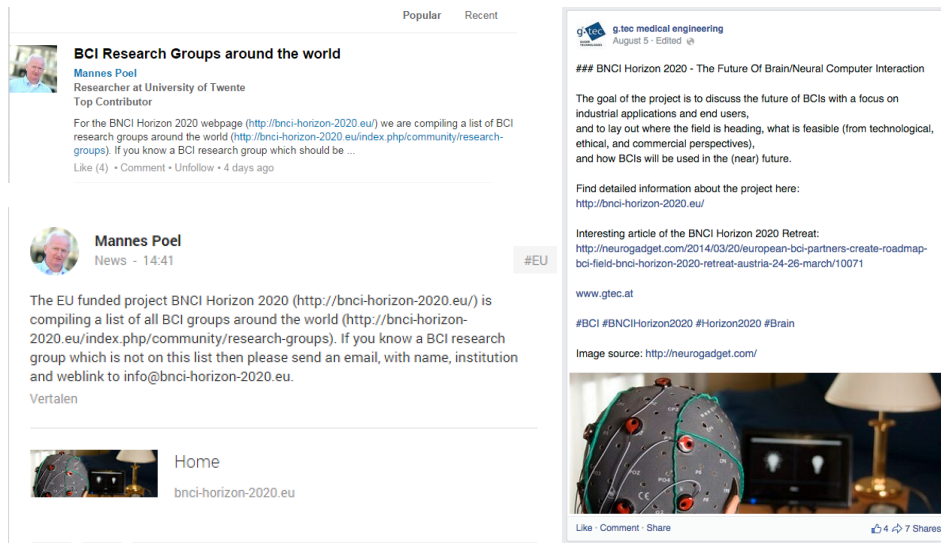

Figure 2: Posts on LinkedIn (top left), Google+ (bottom left), and Facebook (right).

4.　Website infrastructure and new content

The official URL for the website is http://bnci-horizon-2020.eu/. We have added a shorter domain name http://bnci2020.eu/, which redirects to the official website. The website is hosted by TUG (via an external Austrian provider). The website runs on a standard LAMP (Linux, Apache, MySQL, PHP) environment. We use the content management system (CMS) Joomla![1] as a basis for our site. On top of Joomla!, the responsive template framework Warp[2] along with a professional template is used.
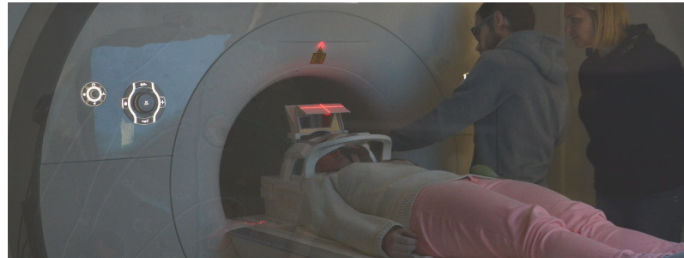
The overall design (see Figure 3), including a logo, did not change, but we added new content in various sections of the website.

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[1] http://www.joomla.org/

[2] http://www.yootheme.com/themes/warp-framework

Figure 3: Screenshot of the homepage of the website.

4.1   Structure of the website

We re-ordered some items in the main menu (see Figure 4). In particular, we moved the "Contact" item from the root level to the "Project" menu. We also removed the search box due to space restrictions and due to low demand; if our website grows, we might reintroduce this functionality at a later point. Finally, the Database (and its sub-items) is now directly accessible from the main menu.
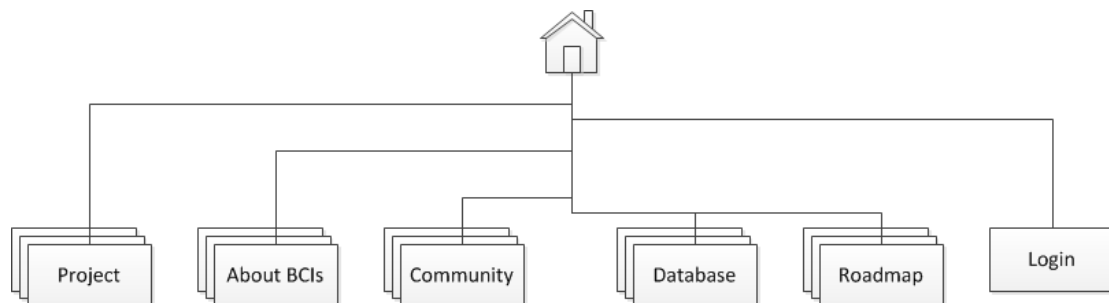

Figure 4: Top structure of the website.

4.2 Project

As mentioned before, we moved the "Contact" item to the "Project" menu. The "Related Projects" article features brief descriptions of the following currently ongoing projects: ABC, BackHome, Brain Bow (new), Contrast, Mindsee, NEBIAS, SI-CODE (new), and WAY. It also contains information about past projects, such as Future BNCI, the predecessor of this project.

4.3 About BCIs

The *Database* subpage of the *About BCIs* part of the website moved up to the main menu.

4.4 Community

In the *Community* part of the website, visitors can find BCI-related news items (*News).* These are news items on BCIs mainly from popular science oriented media which might be of interest to the general public.

Relevant BCI-related events (such as international conferences and workshops) can be found under *Events*.

The *Jobs* section contains a list of BCI-related job positions, including links.

The top news, events, and job items are also listed directly on the homepage, see Figure 5.

Figure 5: Top news, events, and jobs on the project homepage.

Information on research groups that are involved in BCI research can be found in the *Research Groups* section. At the moment, the list is populated with approximately 50 research groups, including links to their webpages. This list will be extended continuously. We announced this list at the Brain-Computer Interface group of LinkedIn and Google+ as well as on Twitter, which resulted in several groups contacting us and requesting to be added.

Companies lists 44 international companies that are involved with BCIs with links to their websites. Like the Research Groups section, we also ask people to contribute companies that we might have missed.

The *BCI Society* article introduces the committee that is founding the BCI Society, and the purpose of the BCI Society.

4.5 Database subpage

The *Database* section explains the aims of our BCI database and lists all requirements for a dataset to be included. At the moment, one dataset provided by TUG is included in the database, but more data by several consortium members will be added soon. For BCI datasets not meeting the requirements, there is a link to the external repositories containing the dataset.