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**DECODER**

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**Collaborative Project  
Information and Communication Technology**

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**Dissemination Level**

**PU Public**

PP Restricted to other programme participants (including the Commission Services)

RE Restricted to a group specified by the consortium (including the Commission Services)

CO Confidential, only for members of the consortium (including the Commission Services)



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# DECODER HOMEPAGE

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## Abstract

This document presents a description of the realization of the Homepage published in month 3 of the project ([www.decoderproject.eu](http://www.decoderproject.eu)) and the shared information exchange space that is realized with dropbox ([www.dropbox.com](http://www.dropbox.com)). Regarding the homepage this document describes the structure of it, abstracts the content and further shows how to navigate through the web page.

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# 1 Introduction

This document presents a description of the actual first realization of the Homepage published in month 3 of the project ([www.decoderproject.eu](http://www.decoderproject.eu)) and the shared information exchange space that is realized with dropbox ([www.dropbox.com](http://www.dropbox.com)). Regarding the homepage, this document describes the structure of it, abstracts the content and further shows how to navigate through the web page. However, this deliverable will not include the full content of the page. Therefore, the reader is referred to the homepage.

The document further includes an outlook about how the homepage will be adapted to the needs throughout the project, which kind of information will be made public and what are the future purposes of the homepage.

## 1.1 Aim of the homepage

The aims of the DECODER homepage can be summarized by the following:

- Public information about the DECODER project
- Information about new inventions in the field of diagnosis of and communication with non – responsive patients.
- Information about science in the field of the DECODER framework
- Information for people taking care of non-responsive patients

# 2 Homepage and shared memory

## 2.1 Description of the Homepage “[www.decoderproject.eu](http://www.decoderproject.eu)”

The layout (first page) of the homepage is shown in Figure 1. At the top left corner the DECODER logo is presented. To the upper right side the logos of the partners are shown and directly linked to the homepages of each of the partners.

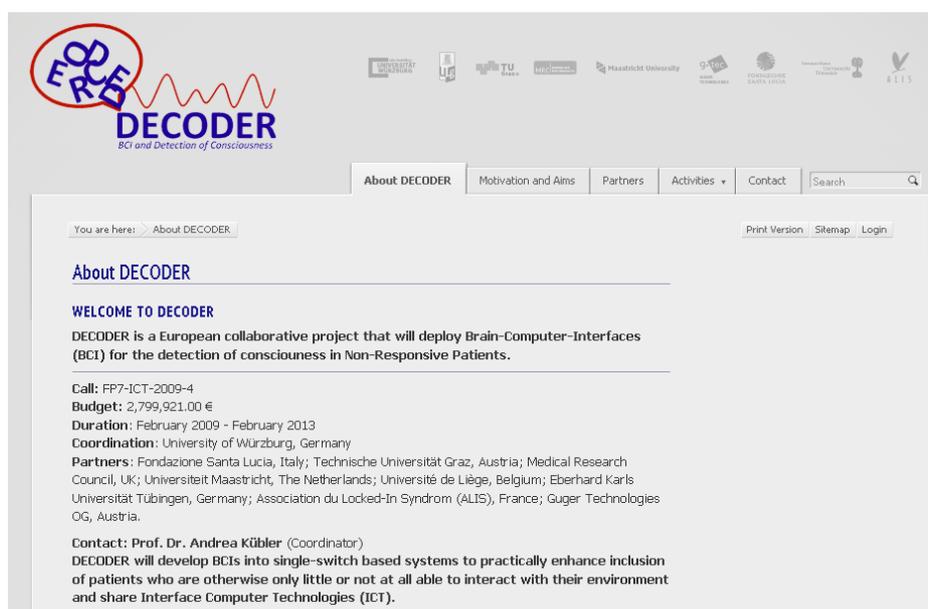


Figure 1: Layout of the [www.decoderproject.eu](http://www.decoderproject.eu) homepage

Further options of the site are the change of view in order to have a printable version under the menu item Print Version and the Sitemap, which presents an index of the site. The Login is for editing the page.

### 2.1.1 Actual structure of the homepage

The homepage is structured as a document in sections, subsections and sub-subsections where each section is shown as a tab and each subsection as a menu item. The content of the homepage can be summarized as follows:

- About DECODER: In this first tab the main idea of the decoder project is described. In DECODER the partners will work on signal acquisition, signal classification, signal translation and furthermore on the application of BCI technology to non – responsive patients for controlling Assistive Technology with a single switch BCI. The main contribution of DECODER will be to define
  - a battery that guarantees an exact diagnostic of the patient's state of consciousness which can be easily integrated into the daily clinical routine, and
  - an ssBCI (single switch BCI) that can be very easily used as well by the patients even in a minimal consciousness state on the behalf of the own cerebral activity, and any person caring for or surrounding the patient
- Motivation and Aims: In this tab the motivation for the DECODER project is explained. Interested people will be informed about the idea and about the usefulness of the technology that is going to be delivered to the patients but also to those who are caring about the patients. Furthermore the overall aims of the project are introduced which are mainly to develop diagnostic tools and to develop a communication interface.
- Partners: A map of the partner locations clearly presents the international networking within the project. Partners are from Germany, Austria, Netherlands, Italy, France, and Belgium.
- Activities: In this subsection People will be informed about forthcoming workshops, seminars, and conferences in which the DECODER will be presented. In this early stage the homepage mainly includes background information. The section is subdivided into
  - Background Information: includes relevant publications from different partners
  - Publications: publications that will be part of the dissemination strategy of DECODER
  - Exhibitions and Workshops: this subsection will include material that will be presented at exhibitions and workshops, furthermore forthcoming events
- Contact: contact of the project coordinator

Additionally it is worth to stress that, whenever there are news, it is possible to introduce news boxes which will be shown on the right side of the page so that important topics can be made visible and people can have quick information.

### 2.1.2 Extendibility of the homepage

The homepage will be updated whenever new project results (e.g. publications, forthcoming events, progress work to be published) are available. Therefore the web page is managed by a content management system that allows for an easy adaptation of the content. By this content management system it is possible to freely add, delete and modify tab.

In order to keep the homepage up to date the partners (work package leaders) have to inform the project manager (Annie Arsène) about:

- Publishable project progress
- Forthcoming events (workshops, exhibitions, conferences)
- Publications at journals and conferences
- Press releases
- Posters

## 2.2 Description of the shared memory

To allow for exchange of documents with the partners, a shared memory is installed. Therefore the web tool dropbox is adapted. Therewith it is possible to exchange and upload files by simply using the standard file manager (e.g. windows explorer). Furthermore the dropbox can be administrated via a web interface after logging in. After installation of the dropbox (users have to be invited first) each partner has a folder also on his or her computer. This folder is automatically updated whenever the user is connected to the dropbox. Furthermore the user is informed when new files are available.

Figure 2 shows the web interface of the dropbox with the already available folder structure. Hence there is a folder for each work package and additionally for meetings in which the presentations of the meetings will be uploaded. Like in a file manager, the folders again can have subfolders. As shown in Figure 3 the same folder structure exists as a local copy on each computer.

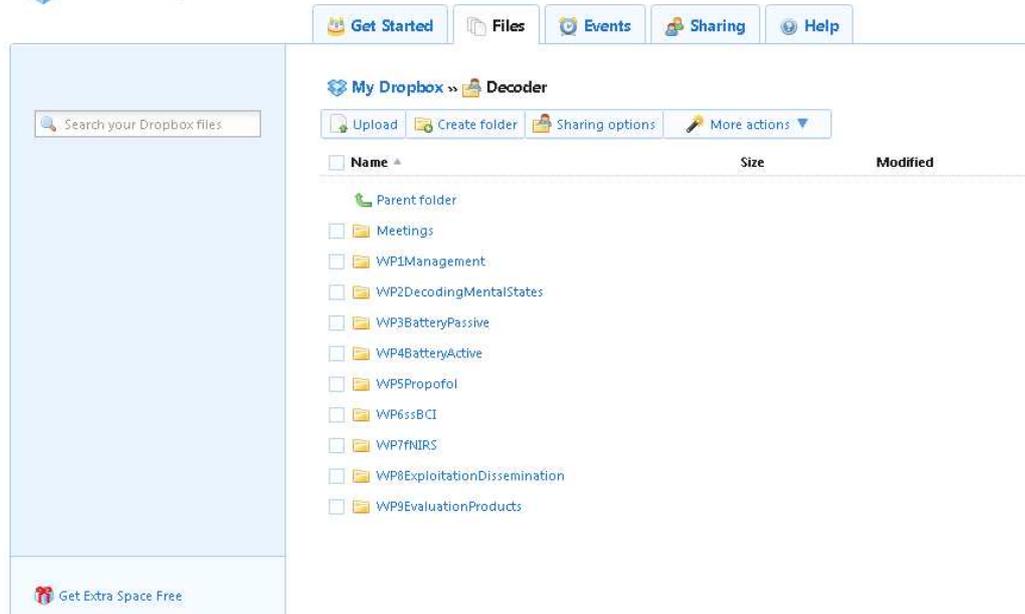


Figure 2: Web interface of the dropbox

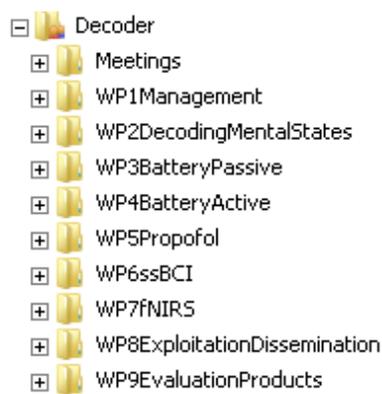


Figure 3: Local copy of the dropbox folder in the data explorer of a workstation

### 3 Update of the homepage

The homepage will be frequently updated and improved. New research result will be referred at the time they are published. Results of studies will be shown in case no IPRs are violated, so that people which are not in the project can benefit from the output of the DECODER project. The homepage will be serviced such that:

- the Publication list is frequently updated
- research results (e.g. about classifiers, passive and active paradigms) are presented
- press releases and exhibition are made available for the visitors
- cooperation to other projects (e.g. TOBI or Brain Painting) in this fields are notified.

The final version of the homepage and the content of the dropbox including the hierarchy will be stored on a CD / DVD at the end of the project.

At the end of the project the homepage will stay online for more than one year depending on the access rate.

## 4 Conclusion

This delivery report presents a brief documentation about the content of the homepage and the shared memory. For more information about the homepage the reader is referred to [www.decoderproejct.eu](http://www.decoderproejct.eu).